

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060723\
 Data File : BM040145.D
 Acq On : 07 Jun 2023 17:21
 Operator : MA/JU
 Sample : 03036-02MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PL-STONE-0602MSD

Quant Time: Jun 07 17:52:58 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	278520	20.000	ng	0.00
21) Naphthalene-d8	10.804	136	1274960	20.000	ng	0.00
39) Acenaphthene-d10	14.633	164	806346	20.000	ng	0.00
64) Phenanthrene-d10	17.374	188	1751017	20.000	ng	0.00
76) Chrysene-d12	21.550	240	1852814	20.000	ng	0.00
86) Perylene-d12	23.991	264	1682238	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.546	112	2651881	146.051	ng	0.00
7) Phenol-d6	7.151	99	3312106	139.836	ng	0.00
23) Nitrobenzene-d5	9.163	82	2066166	87.446	ng	0.00
42) 2,4,6-Tribromophenol	16.121	330	1879282	179.565	ng	0.00
45) 2-Fluorobiphenyl	13.257	172	5199843	76.061	ng	0.00
79) Terphenyl-d14	19.992	244	9930327	83.218	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.410	88	286860	39.120	ng	# 72
3) Pyridine	3.816	79	847178	42.081	ng	98
4) n-Nitrosodimethylamine	3.722	42	368085	43.036	ng	95
6) Aniline	7.316	93	851209	29.044	ng	100
8) 2-Chlorophenol	7.551	128	989644	51.779	ng	98
9) Benzaldehyde	7.122	77	180157	15.734	ng	99
10) Phenol	7.181	94	1218798	51.335	ng	99
11) bis(2-Chloroethyl)ether	7.410	93	921346	47.115	ng	99
12) 1,3-Dichlorobenzene	7.881	146	895318	44.236	ng	98
13) 1,4-Dichlorobenzene	8.028	146	927341	45.033	ng	99
14) 1,2-Dichlorobenzene	8.345	146	905365	44.837	ng	99
15) Benzyl Alcohol	8.234	79	896326	58.706	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.528	45	1164427	46.419	ng	99
17) 2-Methylphenol	8.434	107	872701	51.377	ng	99
18) Hexachloroethane	9.081	117	334473	44.801	ng	96
19) n-Nitroso-di-n-propyla...	8.804	70	732594	53.402	ng	98
20) 3+4-Methylphenols	8.769	107	1197380	53.419	ng	98
22) Acetophenone	8.822	105	1538676	44.713	ng	100
24) Nitrobenzene	9.204	77	1069069	44.606	ng	99
25) Isophorone	9.728	82	2102811	48.802	ng	100
26) 2-Nitrophenol	9.916	139	486812	57.401	ng	99
27) 2,4-Dimethylphenol	9.975	122	1036398	53.654	ng	100
28) bis(2-Chloroethoxy)met...	10.216	93	1321272	46.770	ng	99
29) 2,4-Dichlorophenol	10.451	162	957826	52.337	ng	100
30) 1,2,4-Trichlorobenzene	10.669	180	827370	41.295	ng	98
31) Naphthalene	10.857	128	3016806	42.885	ng	100
32) Benzoic acid	10.116	122	666740	50.695	ng	95
33) 4-Chloroaniline	10.969	127	205484	6.932	ng	98
34) Hexachlorobutadiene	11.145	225	414339	36.844	ng	99
35) Caprolactam	11.757	113	141572	27.395	ng	92
36) 4-Chloro-3-methylphenol	12.086	107	1117747	59.089	ng	98
37) 2-Methylnaphthalene	12.463	142	2131536	45.459	ng	100
38) 1-Methylnaphthalene	12.680	142	2017839	45.973	ng	99
40) 1,2,4,5-Tetrachloroben...	12.827	216	961899	37.716	ng	98
41) Hexachlorocyclopentadiene	12.810	237	1209992	91.713	ng	99
43) 2,4,6-Trichlorophenol	13.069	196	716487	46.285	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060723\
 Data File : BM040145.D
 Acq On : 07 Jun 2023 17:21
 Operator : MA/JU
 Sample : 03036-02MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

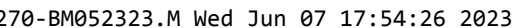
Instrument :
 BNA_M
 ClientSampleId :
 PL-STONE-0602MSD

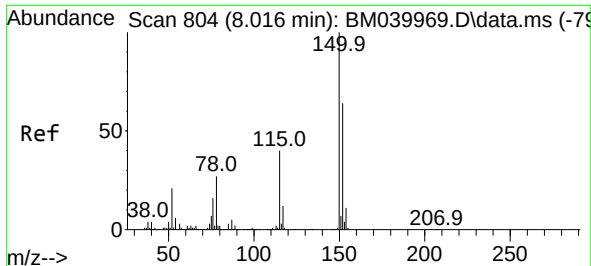
Quant Time: Jun 07 17:52:58 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM052323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 06 16:45:42 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.139	196	831370	45.122	ng	100
46) 1,1'-Biphenyl	13.469	154	2987040	43.268	ng	100
47) 2-Chloronaphthalene	13.510	162	2265785	43.969	ng	99
48) 2-Nitroaniline	13.716	65	731764	52.244	ng	97
49) Acenaphthylene	14.357	152	3796038	47.055	ng	100
50) Dimethylphthalate	14.092	163	2946475	48.474	ng	100
51) 2,6-Dinitrotoluene	14.210	165	621625	53.458	ng	96
52) Acenaphthene	14.698	154	2330871	44.221	ng	98
53) 3-Nitroaniline	14.533	138	398663	28.981	ng	98
54) 2,4-Dinitrophenol	14.739	184	796271	118.719	ng	99
55) Dibenzofuran	15.027	168	3664114	47.089	ng	100
56) 4-Nitrophenol	14.845	139	1360089	127.816	ng	94
57) 2,4-Dinitrotoluene	14.992	165	898472	53.221	ng	98
58) Fluorene	15.674	166	3197906	49.439	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.251	232	729043	53.207	ng	98
60) Diethylphthalate	15.451	149	3135159	52.181	ng	99
61) 4-Chlorophenyl-phenyle...	15.668	204	1477311	46.681	ng	98
62) 4-Nitroaniline	15.704	138	810078	56.545	ng	95
63) Azobenzene	15.962	77	2977762	49.710	ng	98
65) 4,6-Dinitro-2-methylph...	15.751	198	488254	50.166	ng	98
66) n-Nitrosodiphenylamine	15.886	169	2609020	43.328	ng	99
67) 4-Bromophenyl-phenylether	16.562	248	818807	42.321	ng	98
68) Hexachlorobenzene	16.680	284	1001497	45.295	ng	93
69) Atrazine	16.833	200	582813	38.911	ng	99
70) Pentachlorophenol	17.021	266	1441889	99.341	ng	98
71) Phenanthrene	17.415	178	4866348	46.463	ng	99
72) Anthracene	17.509	178	4981475	48.004	ng	100
73) Carbazole	17.780	167	4779018	50.974	ng	100
74) Di-n-butylphthalate	18.339	149	5464908	45.777	ng	100
75) Fluoranthene	19.427	202	5381718	51.555	ng	99
77) Benzidine	19.609	184	134179	4.663	ng	99
78) Pyrene	19.792	202	5839445	42.950	ng	100
80) Butylbenzylphthalate	20.686	149	2495260	44.969	ng	88
81) Benzo(a)anthracene	21.539	228	6063822	46.231	ng	99
82) 3,3'-Dichlorobenzidine	21.462	252	814581	20.790	ng	98
83) Chrysene	21.592	228	5585072	44.379	ng	99
84) Bis(2-ethylhexyl)phtha...	21.456	149	3720895	42.233	ng	99
85) Di-n-octyl phthalate	22.397	149	6341289	46.581	ng	98
87) Indeno(1,2,3-cd)pyrene	26.538	276	5623945	42.039	ng	98
88) Benzo(b)fluoranthene	23.250	252	5706002	52.979	ng	99
89) Benzo(k)fluoranthene	23.297	252	5730737	48.660	ng	98
90) Benzo(a)pyrene	23.886	252	4564347	44.190	ng	99
91) Dibenzo(a,h)anthracene	26.550	278	4879373	42.247	ng	99
92) Benzo(g,h,i)perylene	27.321	276	3942129	38.619	ng	98

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

Quant Time: Jun 07 17:52:58 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

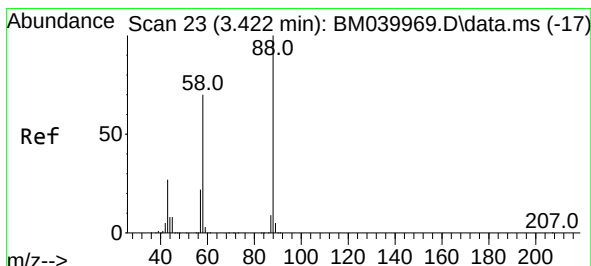
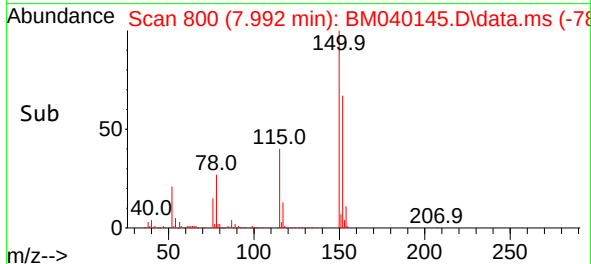
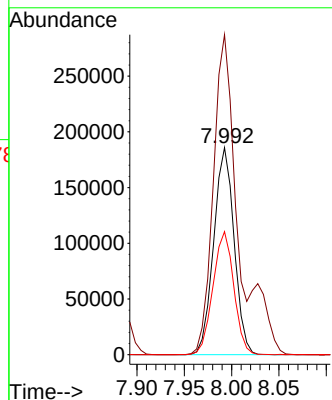
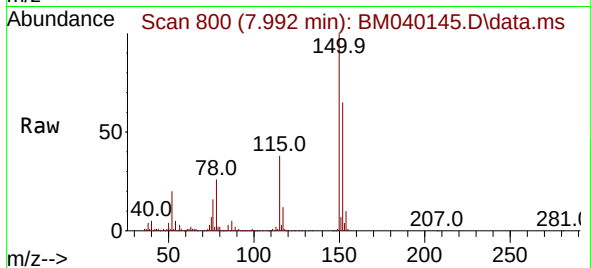




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.992 min Scan# 80
 Delta R.T. -0.007 min
 Lab File: BM040145.D
 Acq: 07 Jun 2023 17:21

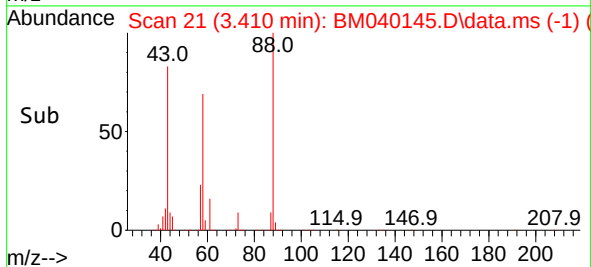
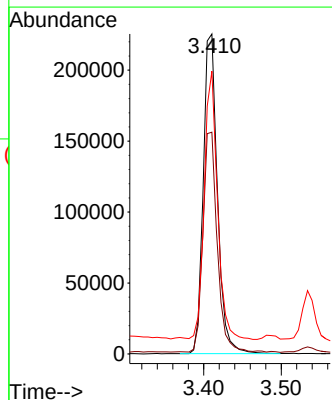
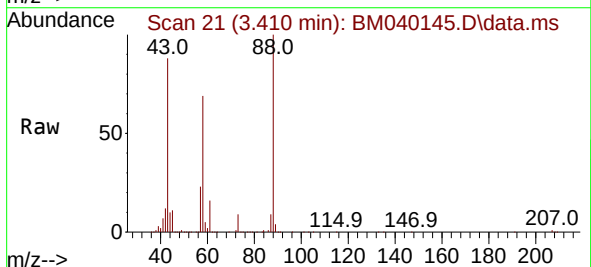
Instrument :
 BNA_M
 ClientSampleId :
 PL-STONE-0602MSD

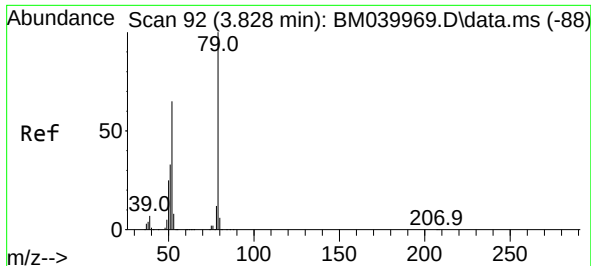
Tgt Ion:152 Resp: 278520
 Ion Ratio Lower Upper
 152 100
 150 154.6 125.5 188.3
 115 59.5 50.2 75.2



#2
 1,4-Dioxane
 Concen: 39.120 ng
 RT: 3.410 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BM040145.D
 Acq: 07 Jun 2023 17:21

Tgt Ion: 88 Resp: 286860
 Ion Ratio Lower Upper
 88 100
 58 69.0 56.1 84.1
 43 78.2 22.0 33.0#

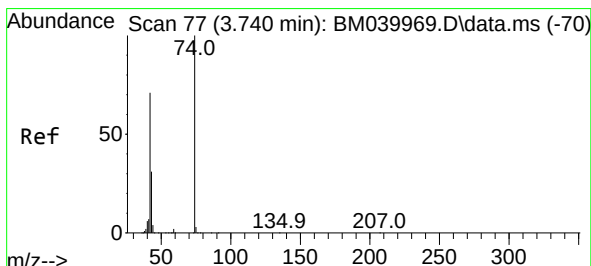
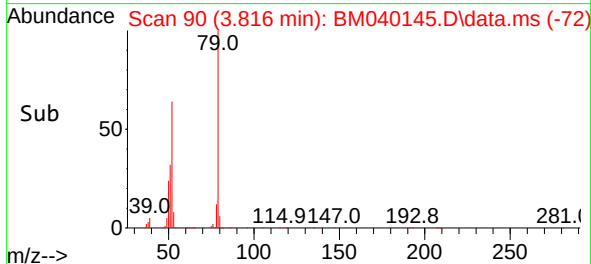
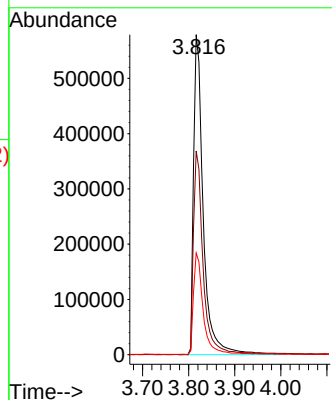
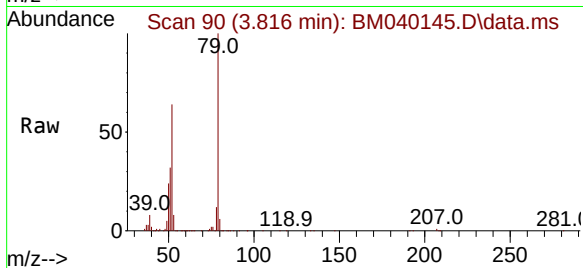




#3
Pyridine
Concen: 42.081 ng
RT: 3.816 min Scan# 90
Delta R.T. 0.006 min
Lab File: BM040145.D
Acq: 07 Jun 2023 17:21

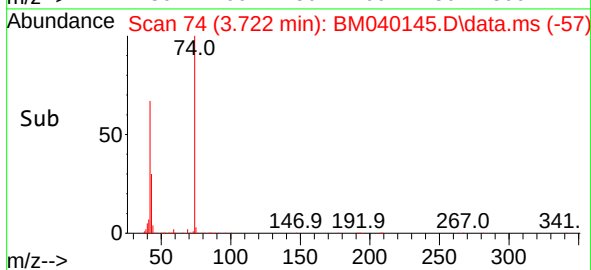
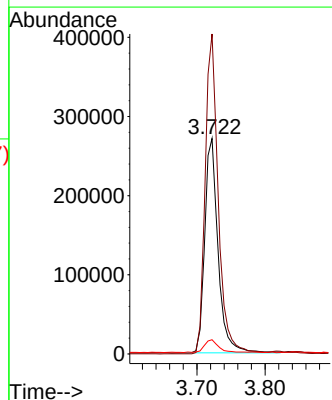
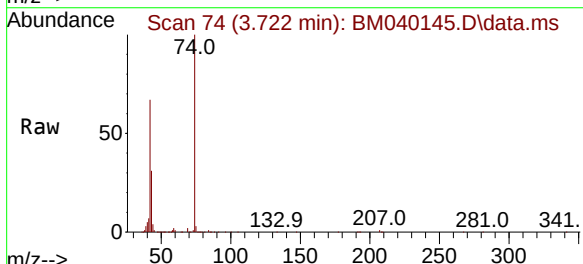
Instrument :
BNA_M
ClientSampleId :
PL-STONE-0602MSD

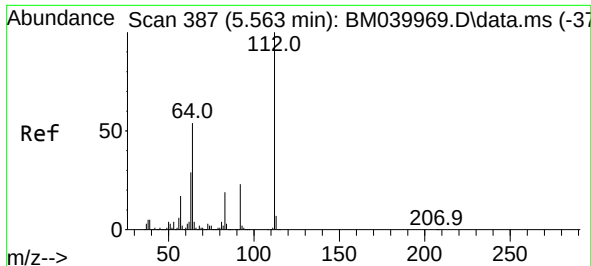
Tgt Ion: 79 Resp: 847178
Ion Ratio Lower Upper
79 100
52 63.6 52.0 78.0
51 31.8 26.5 39.7



#4
n-Nitrosodimethylamine
Concen: 43.036 ng
RT: 3.722 min Scan# 74
Delta R.T. -0.000 min
Lab File: BM040145.D
Acq: 07 Jun 2023 17:21

Tgt Ion: 42 Resp: 368085
Ion Ratio Lower Upper
42 100
74 148.5 113.4 170.0
44 6.6 5.4 8.2

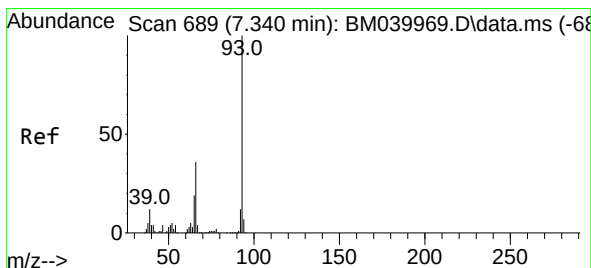
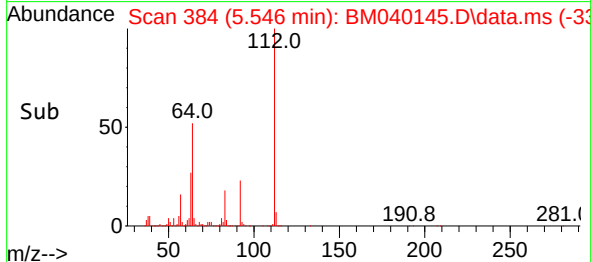
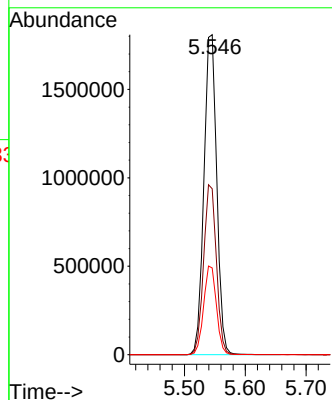
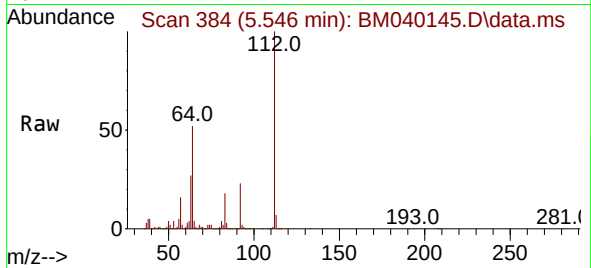




#5
2-Fluorophenol
Concen: 146.051 ng
RT: 5.546 min Scan# 387
Delta R.T. 0.006 min
Lab File: BM040145.D
Acq: 07 Jun 2023 17:21

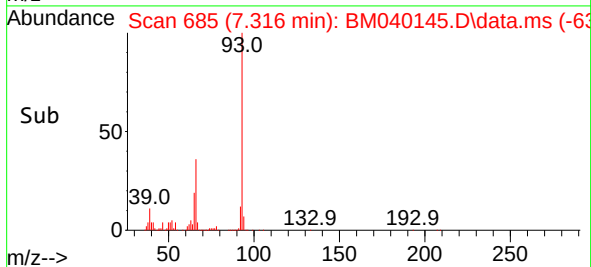
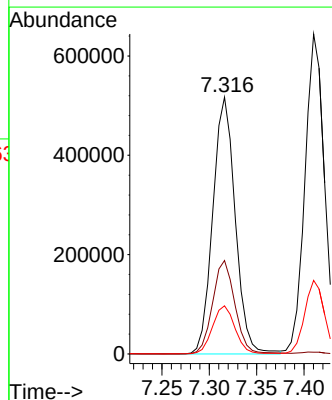
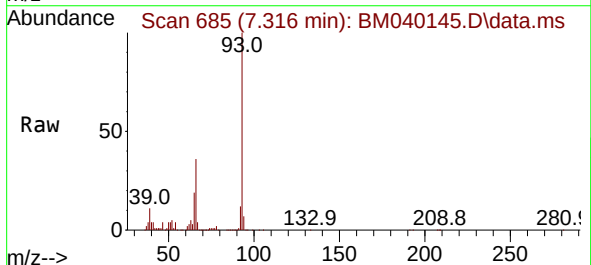
Instrument :
BNA_M
ClientSampleId :
PL-STONE-0602MSD

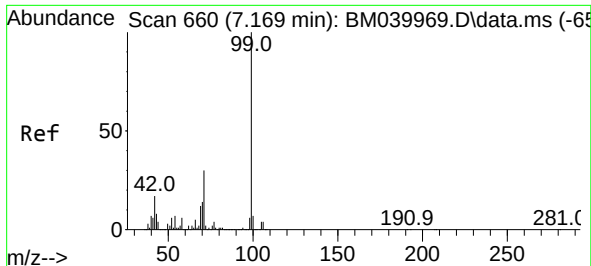
Tgt Ion:112 Resp: 2651881
Ion Ratio Lower Upper
112 100
64 51.9 43.0 64.4
63 27.1 22.9 34.3



#6
Aniline
Concen: 29.044 ng
RT: 7.316 min Scan# 685
Delta R.T. -0.006 min
Lab File: BM040145.D
Acq: 07 Jun 2023 17:21

Tgt Ion: 93 Resp: 851209
Ion Ratio Lower Upper
93 100
66 36.4 29.2 43.8
65 18.8 15.3 22.9



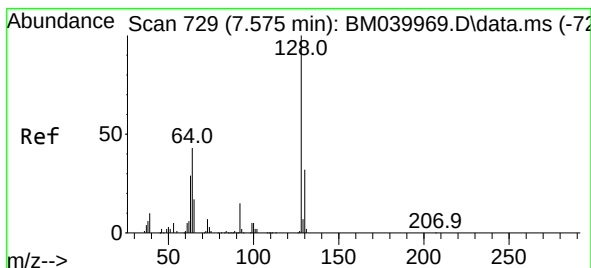
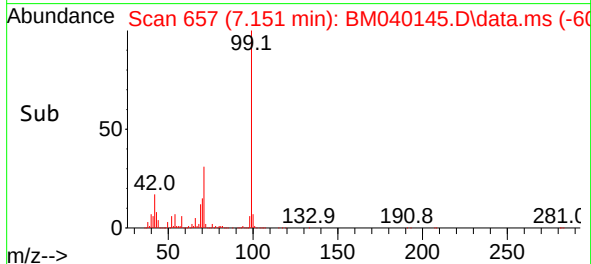
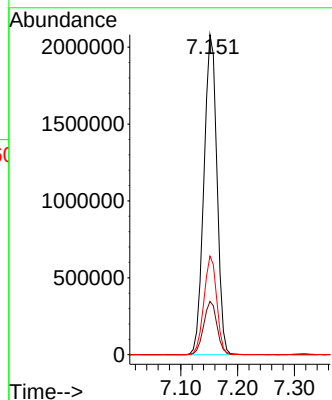
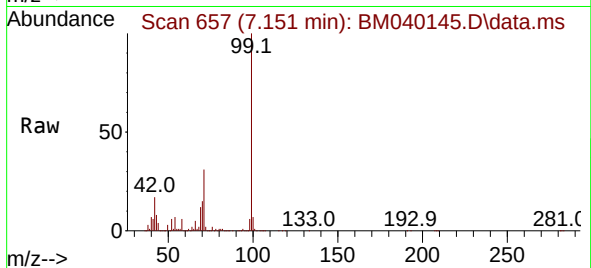


#7
Phenol-d6
Concen: 139.836 ng
RT: 7.151 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM040145.D
Acq: 07 Jun 2023 17:21

Instrument :
BNA_M
ClientSampleId :
PL-STONE-0602MSD

Tgt Ion: 99 Resp: 3312106

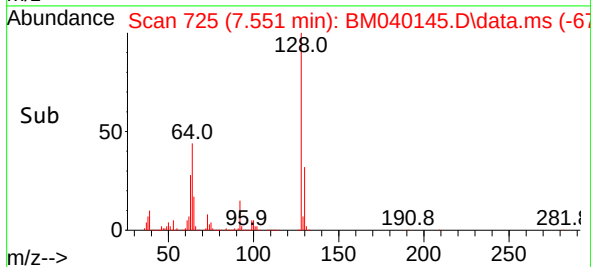
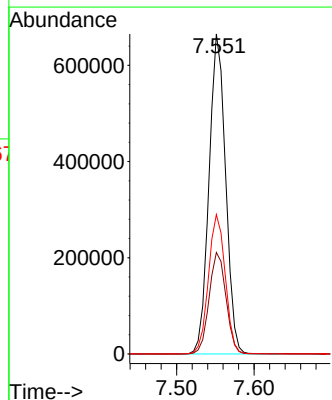
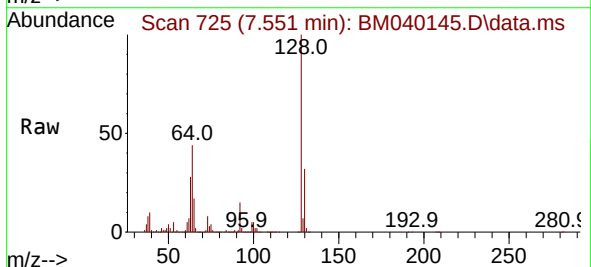
Ion	Ratio	Lower	Upper
99	100		
42	16.7	13.8	20.6
71	30.8	24.4	36.6

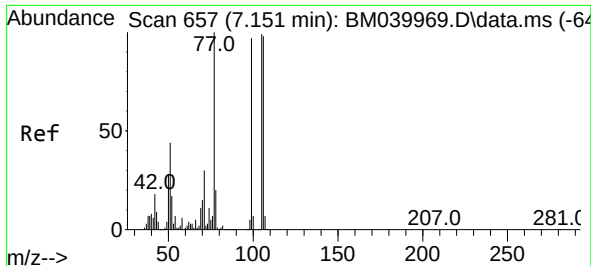


#8
2-Chlorophenol
Concen: 51.779 ng
RT: 7.551 min Scan# 725
Delta R.T. -0.006 min
Lab File: BM040145.D
Acq: 07 Jun 2023 17:21

Tgt Ion:128 Resp: 989644

Ion	Ratio	Lower	Upper
128	100		
130	31.7	12.4	52.4
64	43.6	25.5	65.5

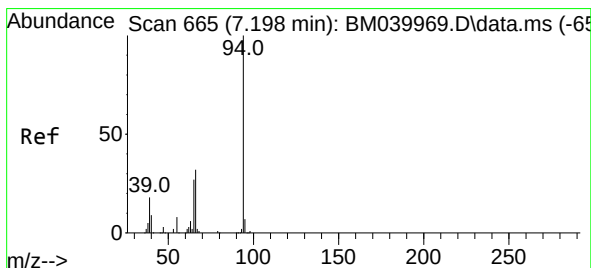
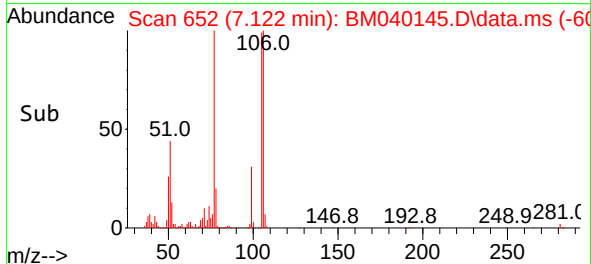
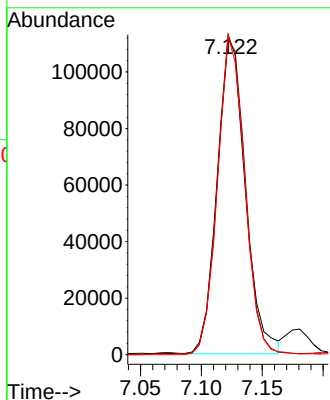
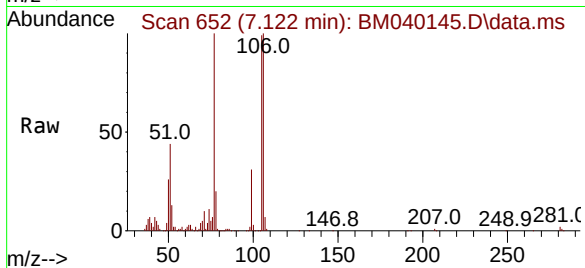




#9
Benzaldehyde
Concen: 15.734 ng
RT: 7.122 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM040145.D
Acq: 07 Jun 2023 17:21

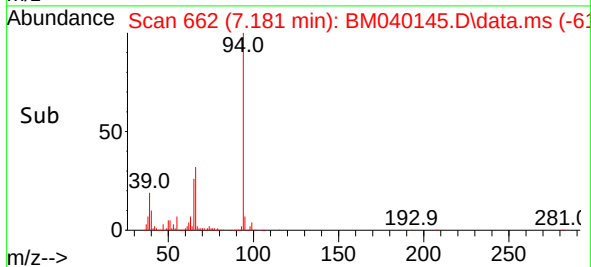
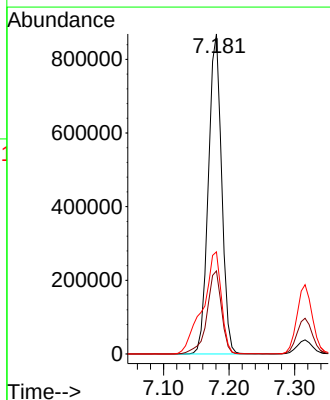
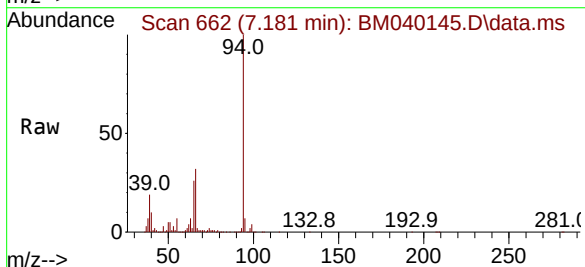
Instrument :
BNA_M
ClientSampleId :
PL-STONE-0602MSD

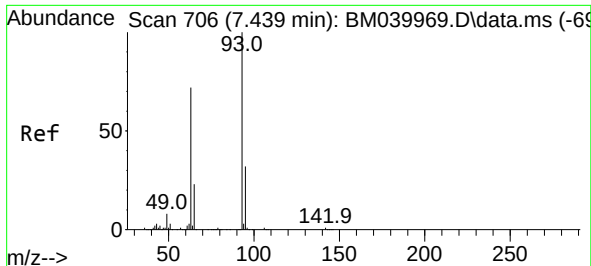
Tgt Ion: 77 Resp: 180157
Ion Ratio Lower Upper
77 100
105 98.7 79.2 119.2
106 99.8 77.6 117.6



#10
Phenol
Concen: 51.335 ng
RT: 7.181 min Scan# 662
Delta R.T. -0.000 min
Lab File: BM040145.D
Acq: 07 Jun 2023 17:21

Tgt Ion: 94 Resp: 1218798
Ion Ratio Lower Upper
94 100
65 26.0 6.7 46.7
66 31.9 12.4 52.4

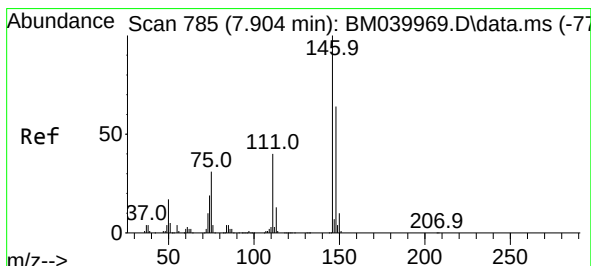
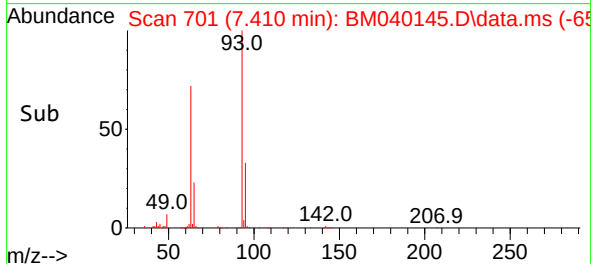
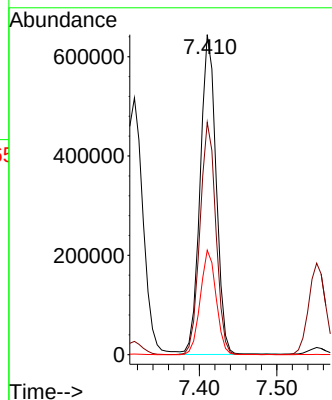
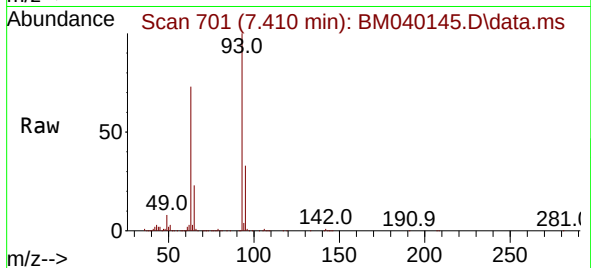




#11
bis(2-Chloroethyl)ether
Concen: 47.115 ng
RT: 7.410 min Scan# 706
Delta R.T. -0.006 min
Lab File: BM040145.D
Acq: 07 Jun 2023 17:21

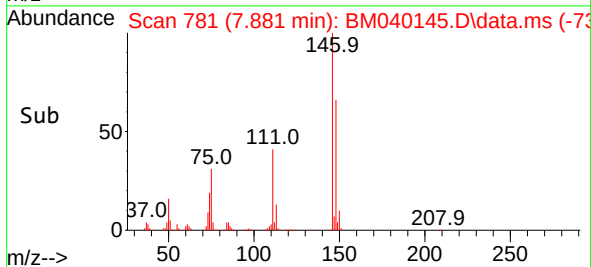
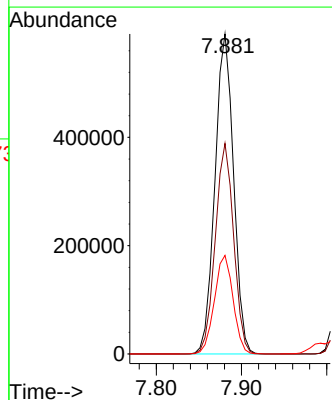
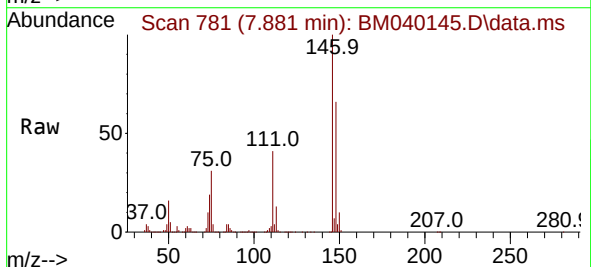
Instrument :
BNA_M
ClientSampleId :
PL-STONE-0602MSD

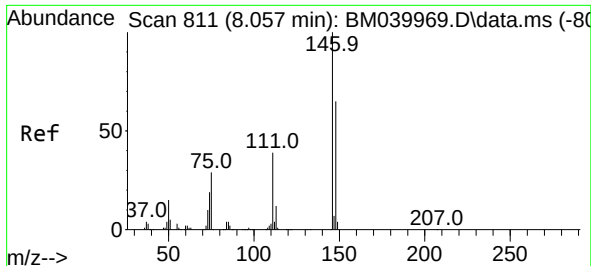
Tgt Ion: 93 Resp: 921346
Ion Ratio Lower Upper
93 100
63 72.6 52.0 92.0
95 32.6 12.2 52.2



#12
1,3-Dichlorobenzene
Concen: 44.236 ng
RT: 7.881 min Scan# 781
Delta R.T. -0.000 min
Lab File: BM040145.D
Acq: 07 Jun 2023 17:21

Tgt Ion: 146 Resp: 895318
Ion Ratio Lower Upper
146 100
148 65.8 51.4 77.0
75 30.8 24.9 37.3





#13

1,4-Dichlorobenzene

Concen: 45.033 ng

RT: 8.028 min Scan# 806

Delta R.T. -0.006 min

Lab File: BM040145.D

Acq: 07 Jun 2023 17:21

Instrument :

BNA_M

ClientSampleId :

PL-STONE-0602MSD

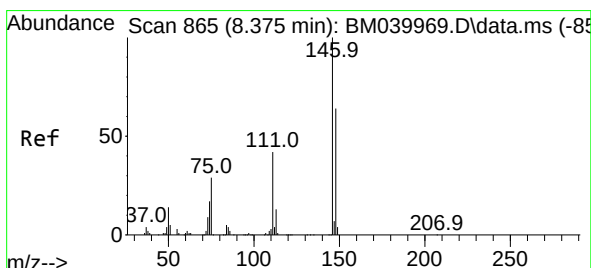
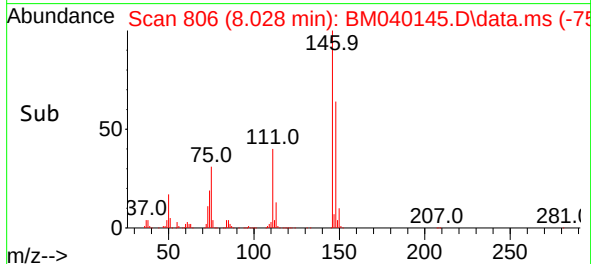
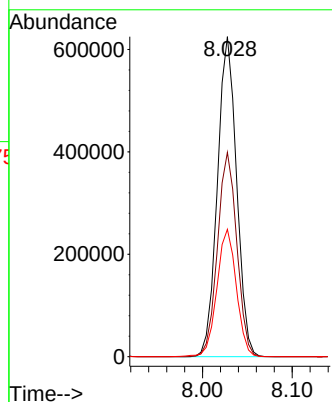
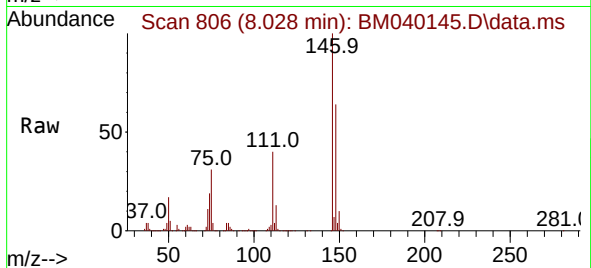
Tgt Ion:146 Resp: 927341

Ion Ratio Lower Upper

146 100

148 63.9 51.8 77.8

111 39.8 31.4 47.0



#14

1,2-Dichlorobenzene

Concen: 44.837 ng

RT: 8.345 min Scan# 860

Delta R.T. -0.006 min

Lab File: BM040145.D

Acq: 07 Jun 2023 17:21

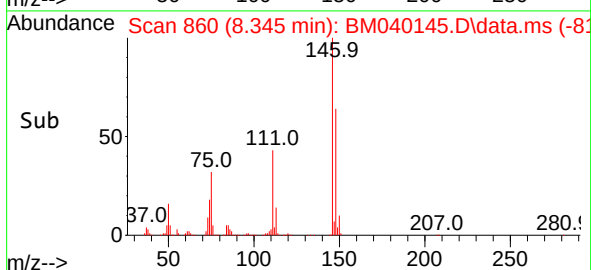
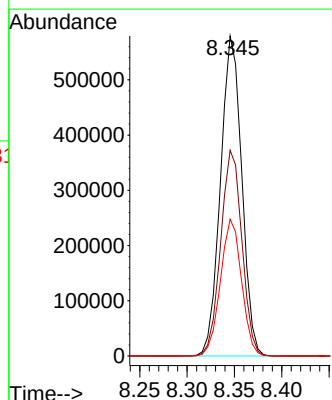
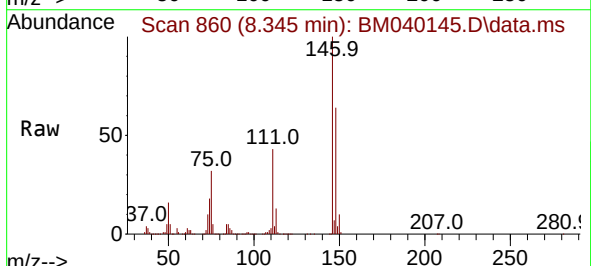
Tgt Ion:146 Resp: 905365

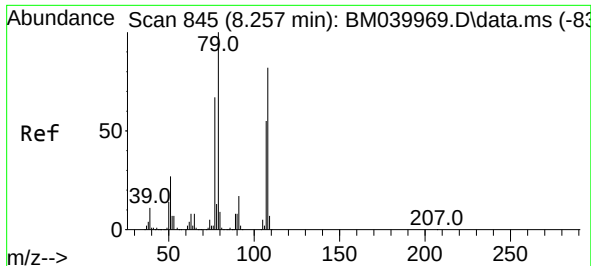
Ion Ratio Lower Upper

146 100

148 64.2 51.2 76.8

111 42.7 33.5 50.3

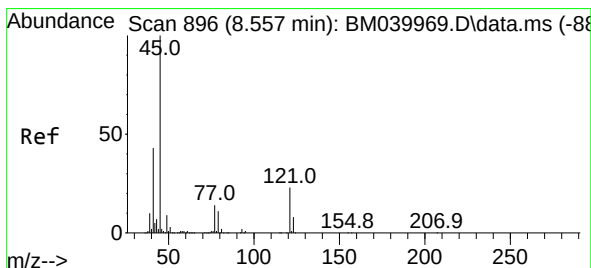
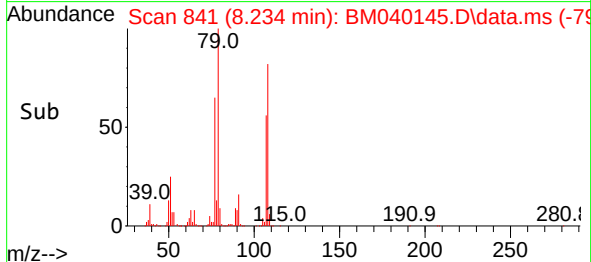
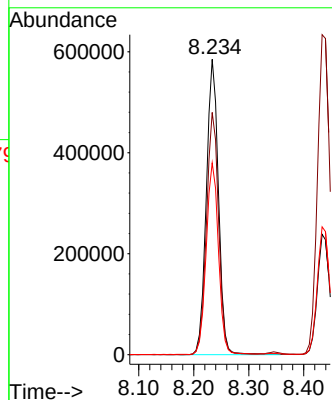
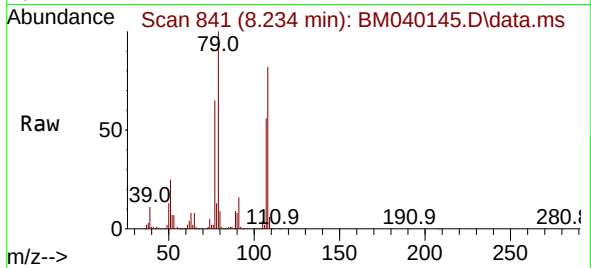




#15
Benzyl Alcohol
Concen: 58.706 ng
RT: 8.234 min Scan# 845
Delta R.T. -0.000 min
Lab File: BM040145.D
Acq: 07 Jun 2023 17:21

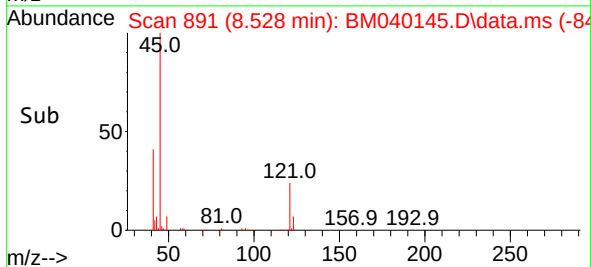
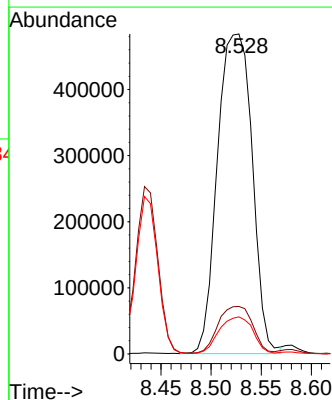
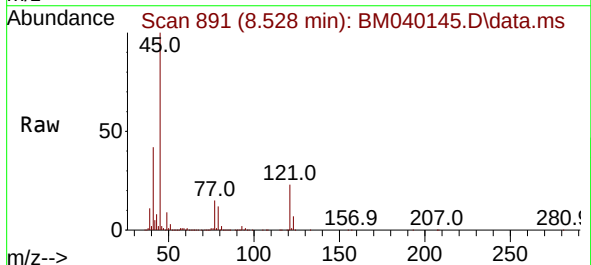
Instrument :
BNA_M
ClientSampleId :
PL-STONE-0602MSD

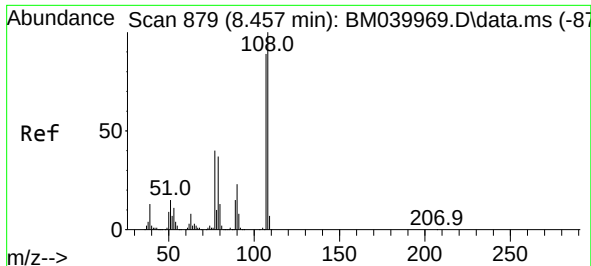
Tgt Ion: 79 Resp: 896326
Ion Ratio Lower Upper
79 100
108 82.0 65.4 98.2
77 64.9 53.6 80.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.419 ng
RT: 8.528 min Scan# 891
Delta R.T. -0.006 min
Lab File: BM040145.D
Acq: 07 Jun 2023 17:21

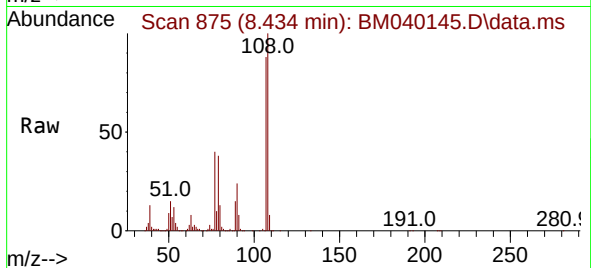
Tgt Ion: 45 Resp: 1164427
Ion Ratio Lower Upper
45 100
77 14.9 0.0 34.7
79 11.6 0.0 31.3





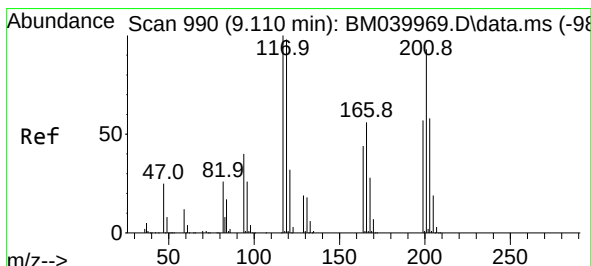
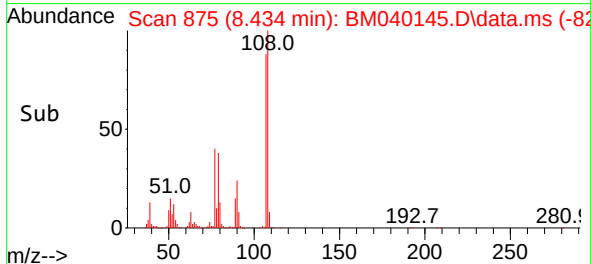
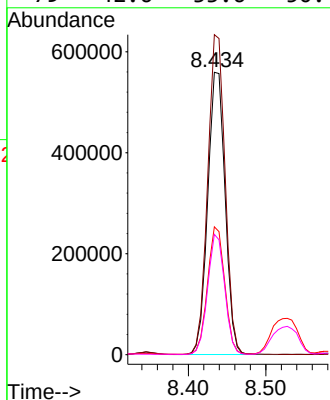
#17
2-Methylphenol
Concen: 51.377 ng
RT: 8.434 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM040145.D
Acq: 07 Jun 2023 17:21

Instrument :
BNA_M
ClientSampleId :
PL-STONE-0602MSD



Tgt Ion:107 Resp: 872701

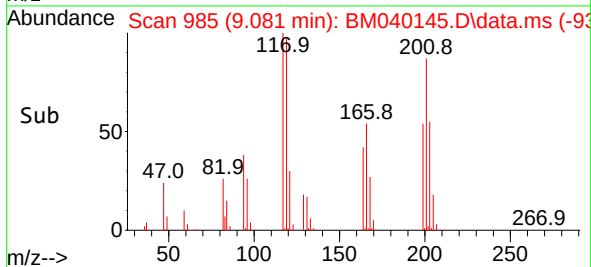
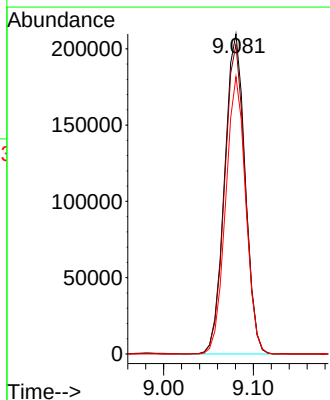
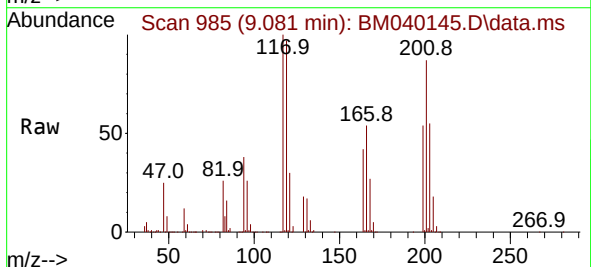
Ion	Ratio	Lower	Upper
107	100		
108	113.3	89.8	134.8
77	45.3	35.6	53.4
79	42.6	33.6	50.4

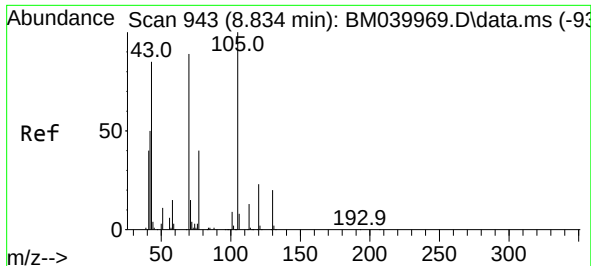


#18
Hexachloroethane
Concen: 44.801 ng
RT: 9.081 min Scan# 985
Delta R.T. -0.006 min
Lab File: BM040145.D
Acq: 07 Jun 2023 17:21

Tgt Ion:117 Resp: 334473

Ion	Ratio	Lower	Upper
117	100		
119	96.7	78.8	118.2
201	86.7	74.3	111.5

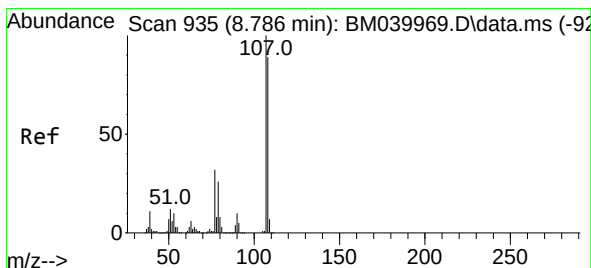
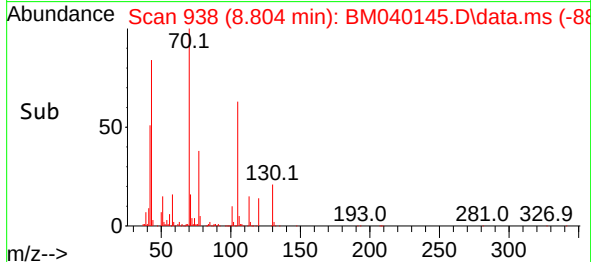
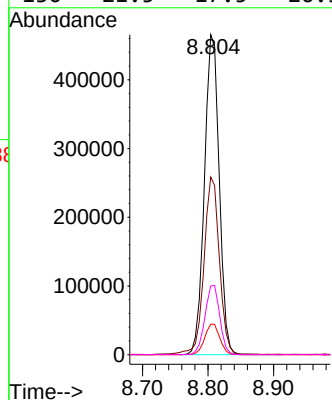
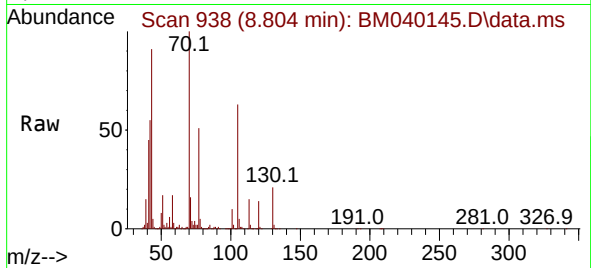




#19
n-Nitroso-di-n-propylamine
Concen: 53.402 ng
RT: 8.804 min Scan# 91
Delta R.T. -0.006 min
Lab File: BM040145.D
Acq: 07 Jun 2023 17:21

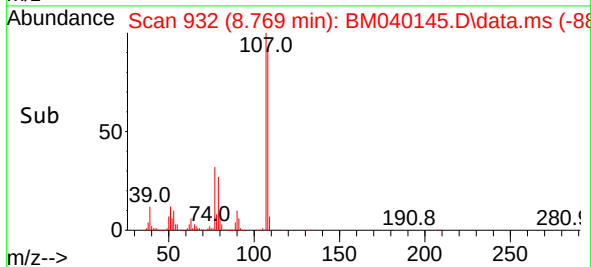
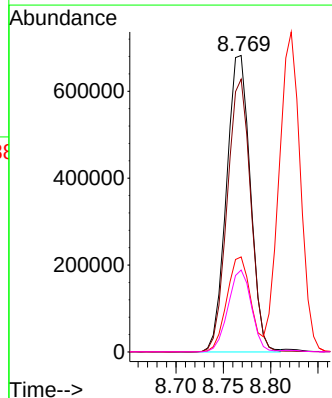
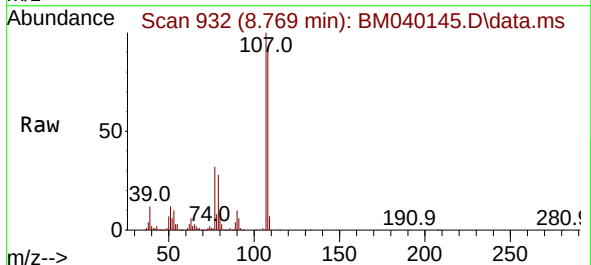
Instrument :
BNA_M
ClientSampleId :
PL-STONE-0602MSD

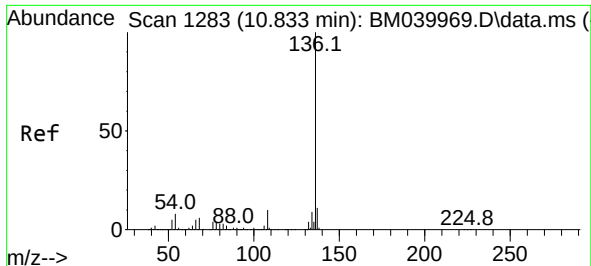
Tgt Ion: 70 Resp: 732594
Ion Ratio Lower Upper
70 100
42 55.5 45.6 68.4
101 9.6 7.7 11.5
130 21.5 17.5 26.3



#20
3+4-Methylphenols
Concen: 53.419 ng
RT: 8.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: BM040145.D
Acq: 07 Jun 2023 17:21

Tgt Ion: 107 Resp: 1197380
Ion Ratio Lower Upper
107 100
108 92.0 69.3 109.3
77 32.1 11.7 51.7
79 27.6 6.4 46.4

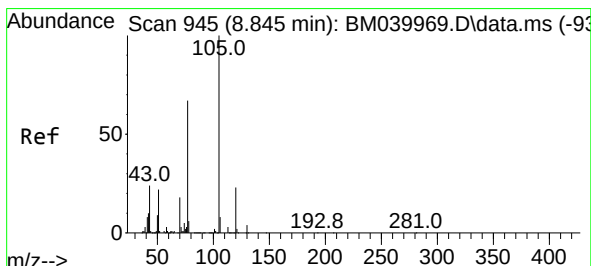
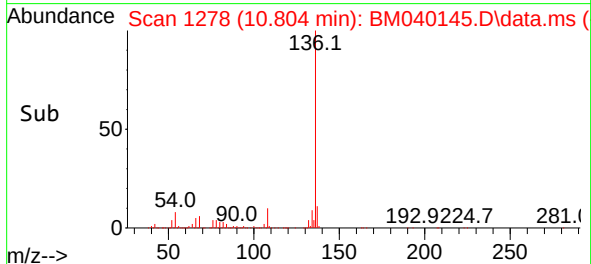
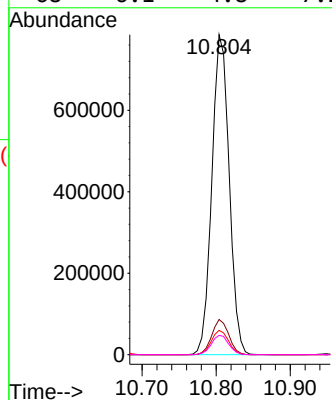
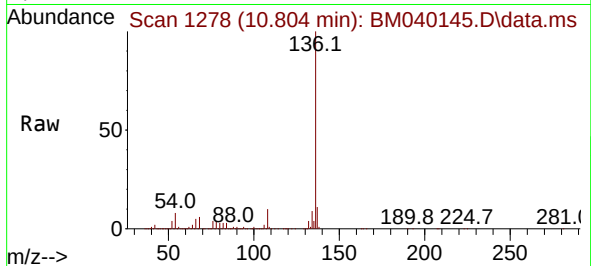




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.804 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM040145.D
Acq: 07 Jun 2023 17:21

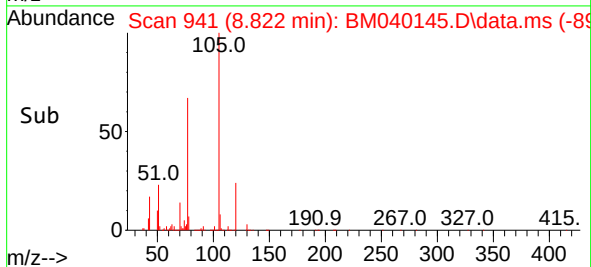
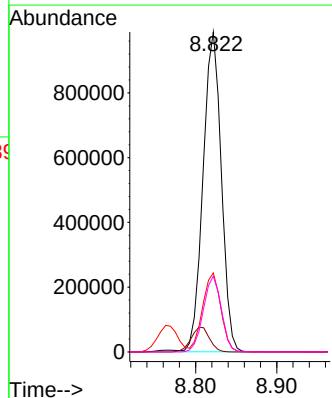
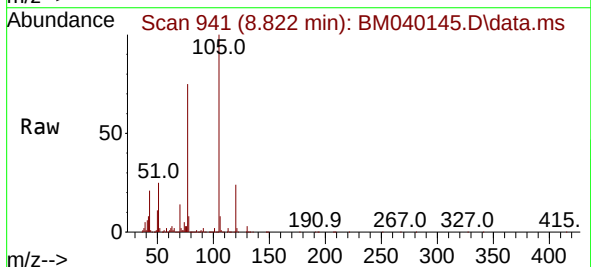
Instrument :
BNA_M
ClientSampleId :
PL-STONE-0602MSD

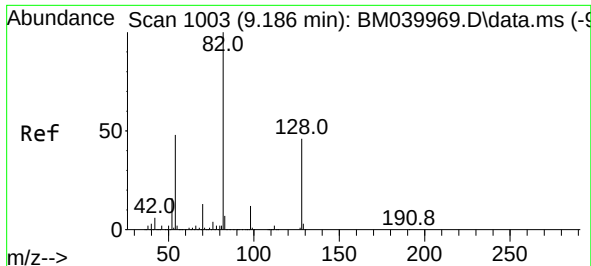
Tgt Ion:136 Resp: 1274960
Ion Ratio Lower Upper
136 100
137 11.0 8.7 13.1
54 7.6 6.1 9.1
68 6.1 4.8 7.2



#22
Acetophenone
Concen: 44.713 ng
RT: 8.822 min Scan# 941
Delta R.T. -0.000 min
Lab File: BM040145.D
Acq: 07 Jun 2023 17:21

Tgt Ion:105 Resp: 1538676
Ion Ratio Lower Upper
105 100
71 2.3 2.2 3.4
51 24.7 19.8 29.8
120 23.6 18.6 28.0





#23

Nitrobenzene-d5

Concen: 87.446 ng

RT: 9.163 min Scan# 91

Delta R.T. -0.000 min

Lab File: BM040145.D

Acq: 07 Jun 2023 17:21

Instrument :

BNA_M

ClientSampleId :

PL-STONE-0602MSD

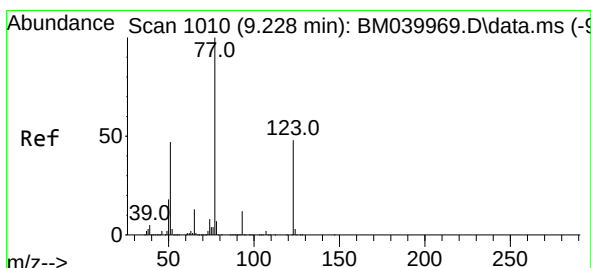
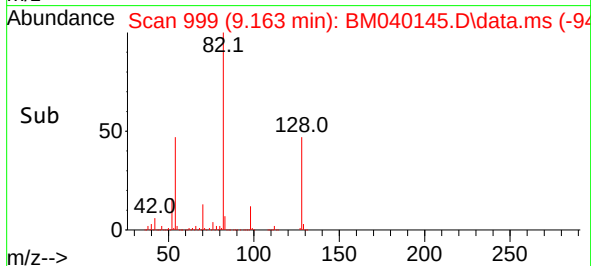
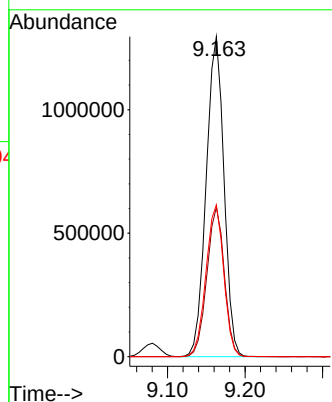
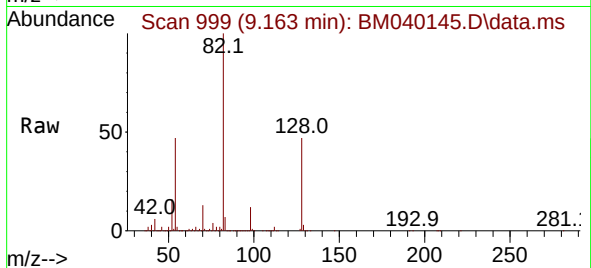
Tgt Ion: 82 Resp: 2066166

Ion Ratio Lower Upper

82 100

128 46.7 36.5 54.7

54 47.5 38.3 57.5



#24

Nitrobenzene

Concen: 44.606 ng

RT: 9.204 min Scan# 1006

Delta R.T. -0.006 min

Lab File: BM040145.D

Acq: 07 Jun 2023 17:21

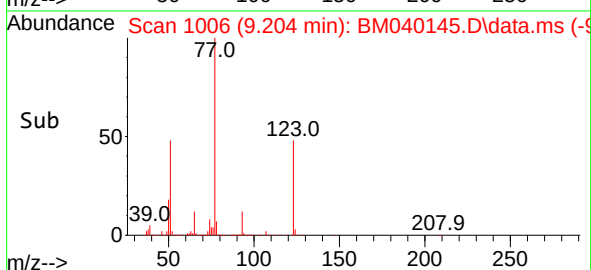
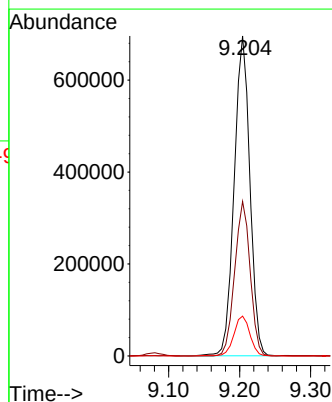
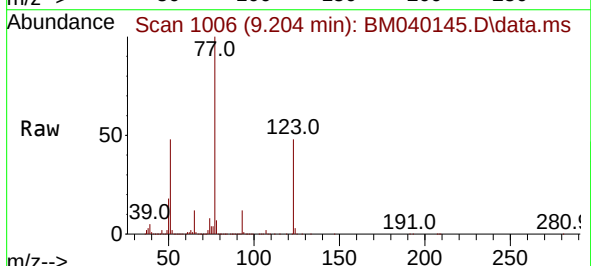
Tgt Ion: 77 Resp: 1069069

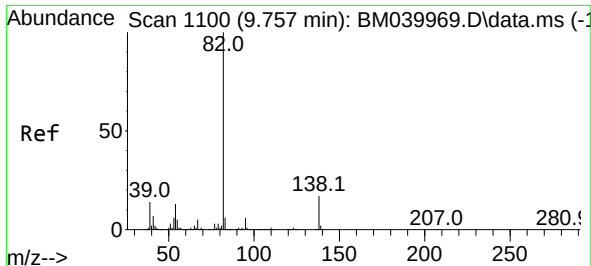
Ion Ratio Lower Upper

77 100

123 48.3 38.1 57.1

65 12.4 10.1 15.1

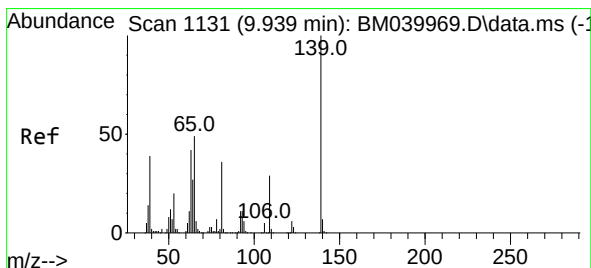
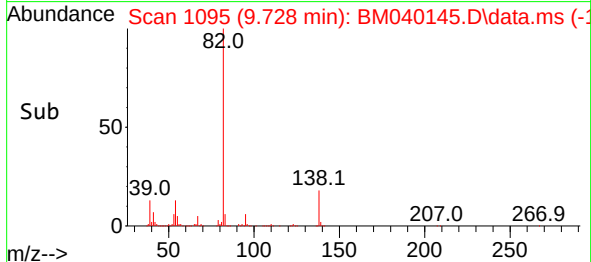
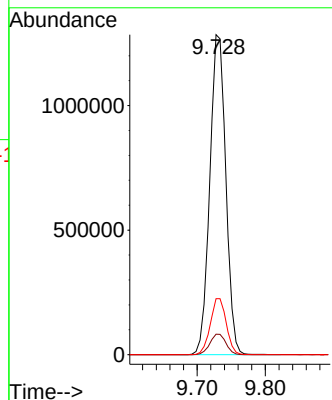
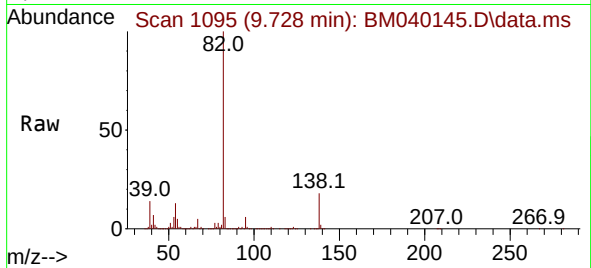




#25
Isophorone
Concen: 48.802 ng
RT: 9.728 min Scan# 1100
Delta R.T. -0.006 min
Lab File: BM040145.D
Acq: 07 Jun 2023 17:21

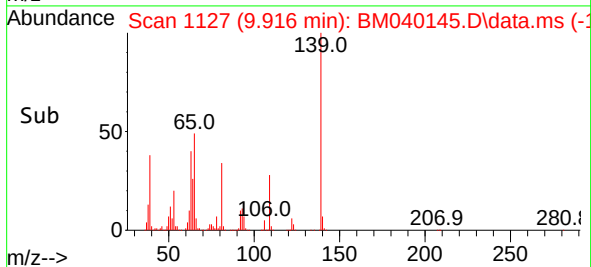
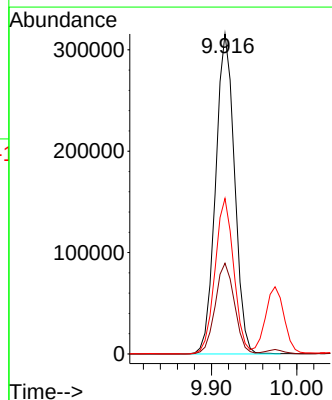
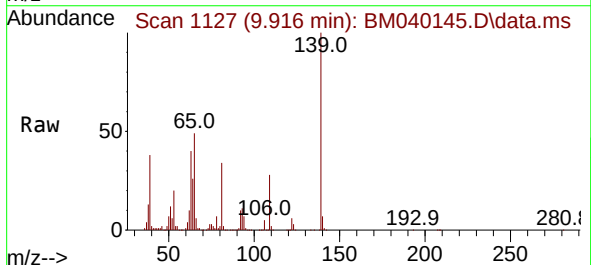
Instrument :
BNA_M
ClientSampleId :
PL-STONE-0602MSD

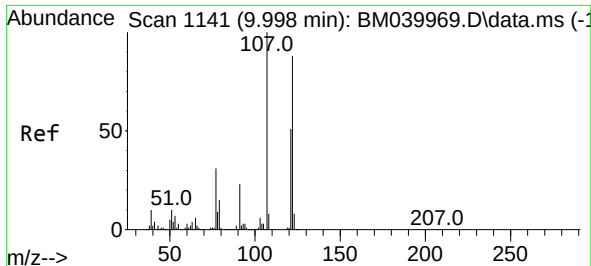
Tgt Ion: 82 Resp: 2102811
Ion Ratio Lower Upper
82 100
95 6.4 5.2 7.8
138 17.5 13.8 20.8



#26
2-Nitrophenol
Concen: 57.401 ng
RT: 9.916 min Scan# 1127
Delta R.T. -0.006 min
Lab File: BM040145.D
Acq: 07 Jun 2023 17:21

Tgt Ion:139 Resp: 486812
Ion Ratio Lower Upper
139 100
109 28.4 23.4 35.2
65 48.6 39.4 59.2





#27

2,4-Dimethylphenol

Concen: 53.654 ng

RT: 9.975 min Scan# 1141

Delta R.T. -0.006 min

Lab File: BM040145.D

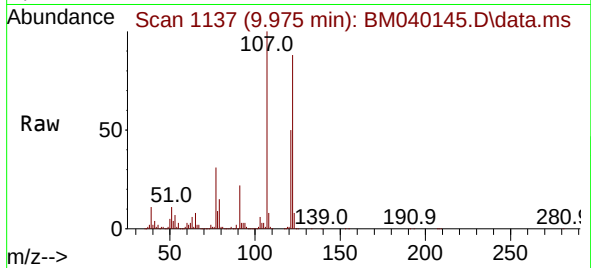
Acq: 07 Jun 2023 17:21

Instrument :

BNA_M

ClientSampleId :

PL-STONE-0602MSD



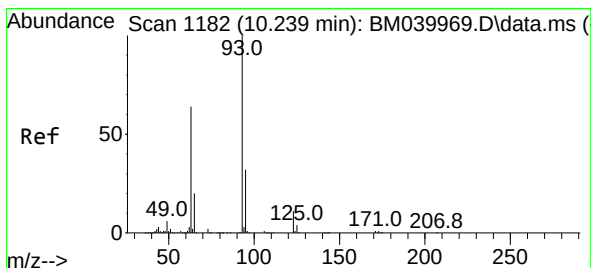
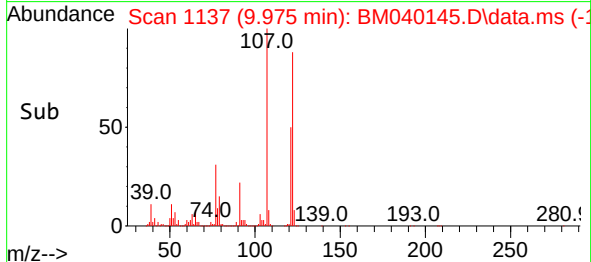
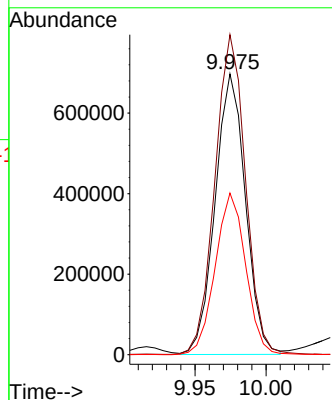
Tgt Ion:122 Resp: 1036398

Ion Ratio Lower Upper

122 100

107 114.0 91.0 136.4

121 57.5 45.9 68.9



#28

bis(2-Chloroethoxy)methane

Concen: 46.770 ng

RT: 10.216 min Scan# 1178

Delta R.T. -0.000 min

Lab File: BM040145.D

Acq: 07 Jun 2023 17:21

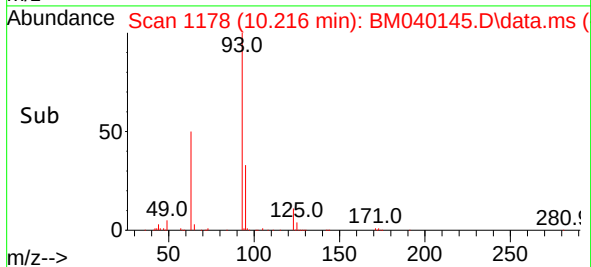
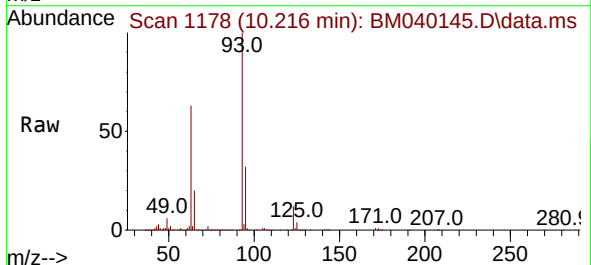
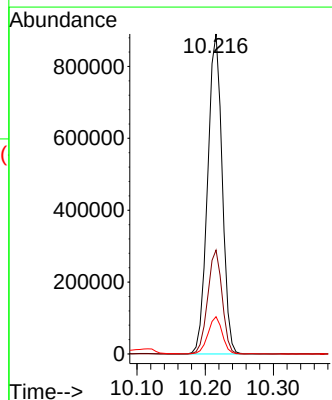
Tgt Ion: 93 Resp: 1321272

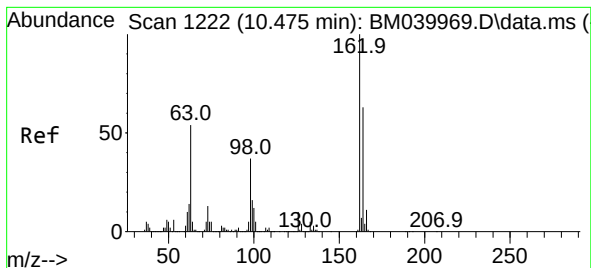
Ion Ratio Lower Upper

93 100

95 32.5 25.7 38.5

123 11.7 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 52.337 ng

RT: 10.451 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM040145.D

Acq: 07 Jun 2023 17:21

Instrument :

BNA_M

ClientSampleId :

PL-STONE-0602MSD

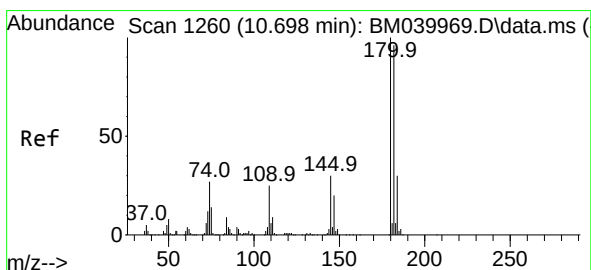
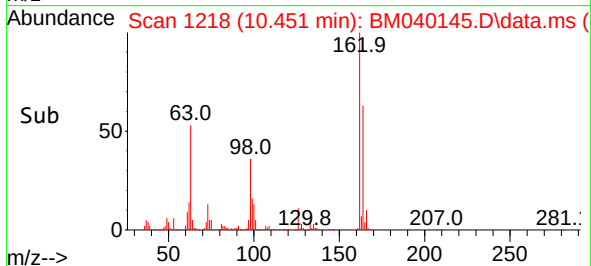
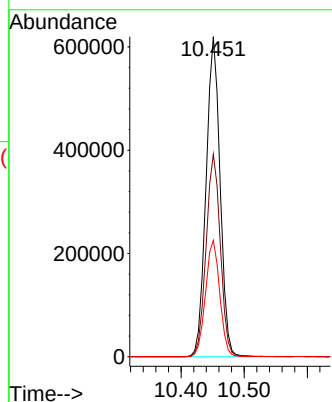
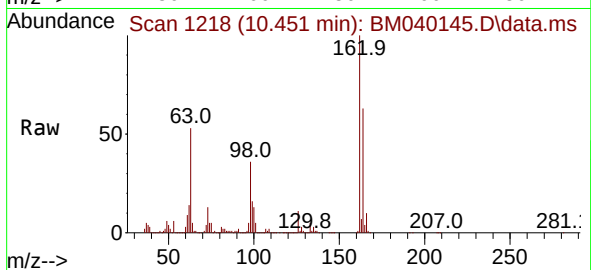
Tgt Ion:162 Resp: 957826

Ion Ratio Lower Upper

162 100

164 63.3 43.3 83.3

98 36.3 16.6 56.6



#30

1,2,4-Trichlorobenzene

Concen: 41.295 ng

RT: 10.669 min Scan# 1255

Delta R.T. -0.006 min

Lab File: BM040145.D

Acq: 07 Jun 2023 17:21

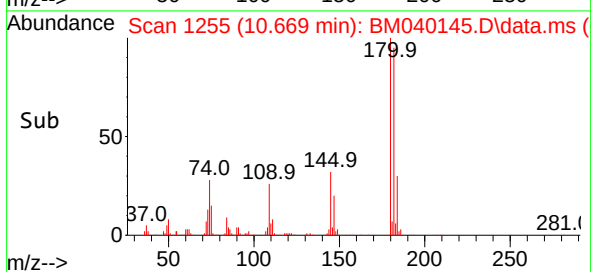
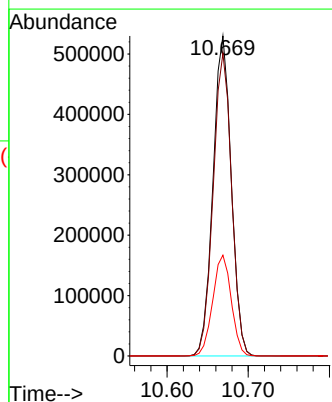
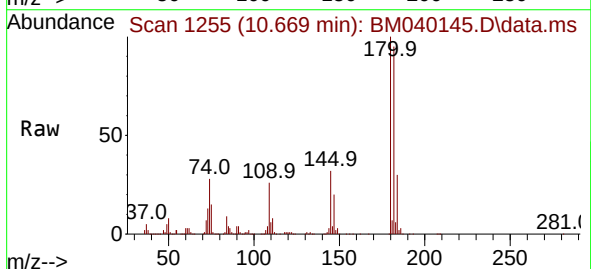
Tgt Ion:180 Resp: 827370

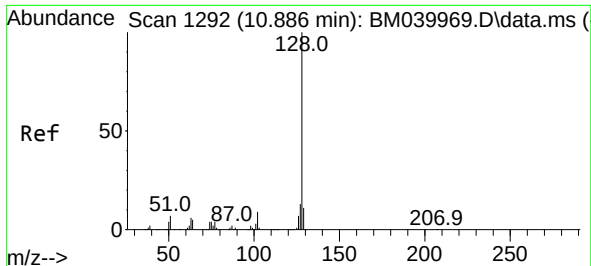
Ion Ratio Lower Upper

180 100

182 94.5 76.9 115.3

145 31.5 24.1 36.1

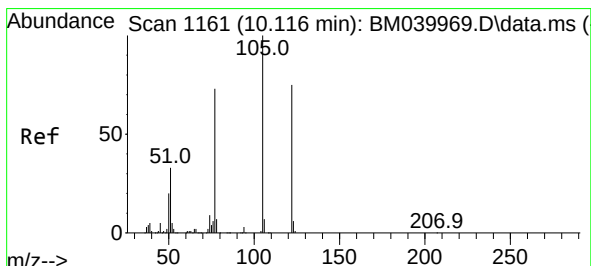
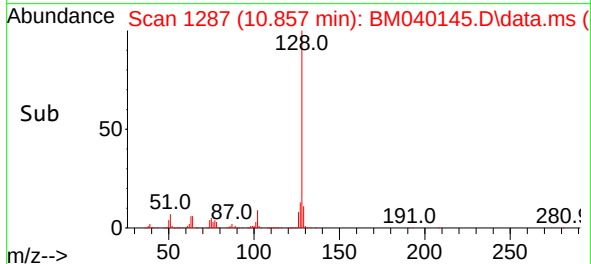
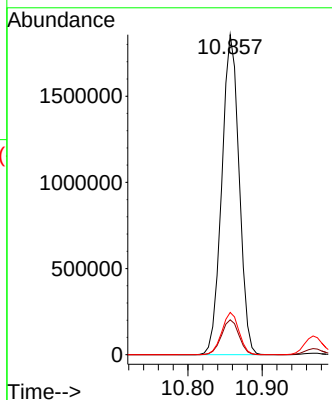
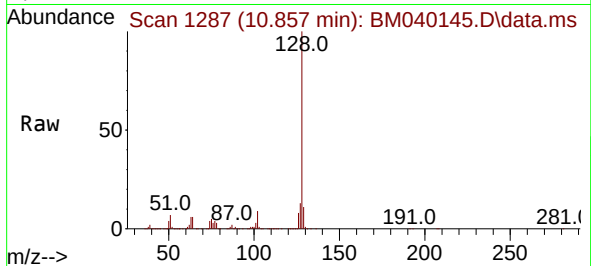




#31
Naphthalene
Concen: 42.885 ng
RT: 10.857 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM040145.D
Acq: 07 Jun 2023 17:21

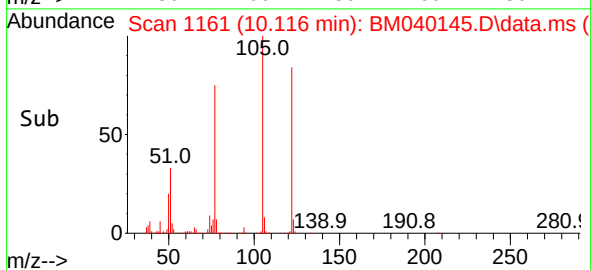
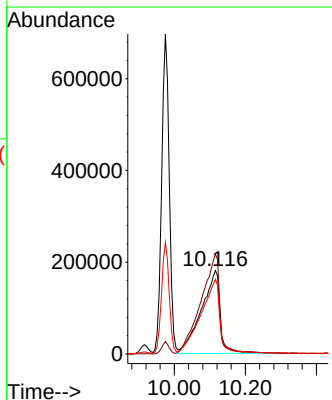
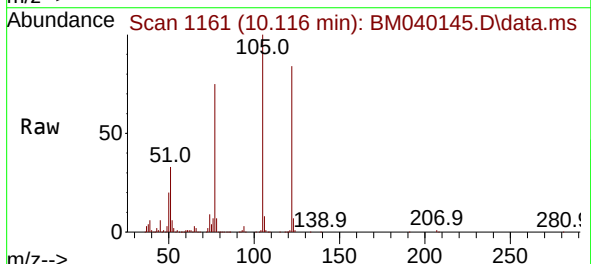
Instrument :
BNA_M
ClientSampleId :
PL-STONE-0602MSD

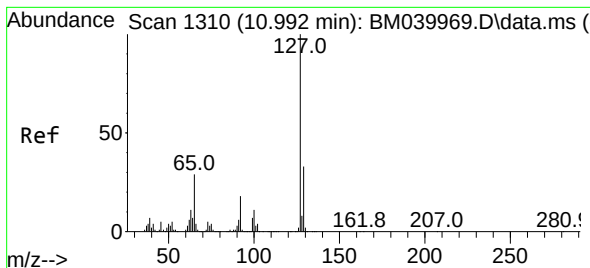
Tgt Ion:128 Resp: 3016806
Ion Ratio Lower Upper
128 100
129 10.9 8.7 13.1
127 13.2 10.4 15.6



#32
Benzoic acid
Concen: 50.695 ng
RT: 10.116 min Scan# 1161
Delta R.T. -0.000 min
Lab File: BM040145.D
Acq: 07 Jun 2023 17:21

Tgt Ion:122 Resp: 666740
Ion Ratio Lower Upper
122 100
105 119.6 106.0 146.0
77 89.6 74.7 114.7





#33

4-Chloroaniline

Concen: 6.932 ng

RT: 10.969 min Scan# 11

Delta R.T. -0.000 min

Lab File: BM040145.D

Acq: 07 Jun 2023 17:21

Instrument :

BNA_M

ClientSampleId :

PL-STONE-0602MSD

Tgt Ion:127 Resp: 205484

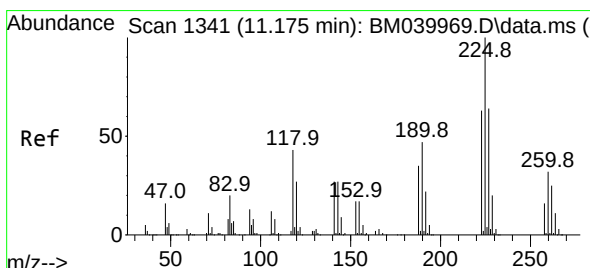
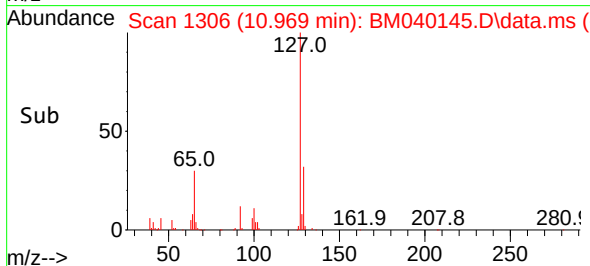
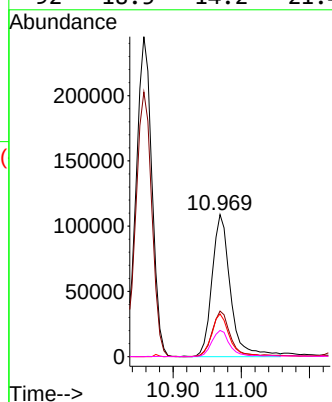
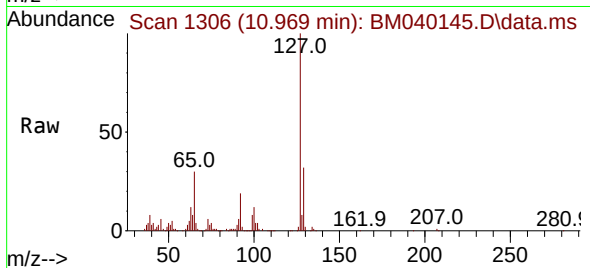
Ion Ratio Lower Upper

127 100

129 32.1 26.2 39.2

65 30.1 23.1 34.7

92 18.5 14.2 21.4



#34

Hexachlorobutadiene

Concen: 36.844 ng

RT: 11.145 min Scan# 1336

Delta R.T. -0.000 min

Lab File: BM040145.D

Acq: 07 Jun 2023 17:21

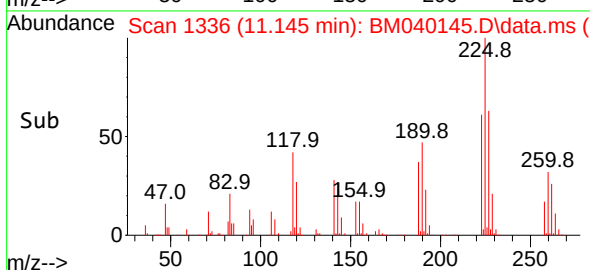
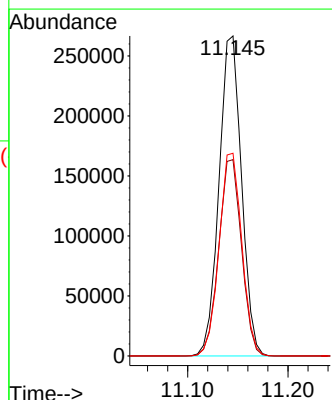
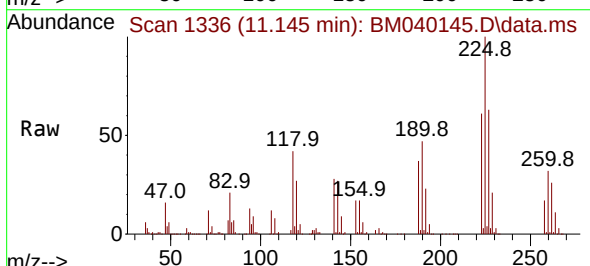
Tgt Ion:225 Resp: 414339

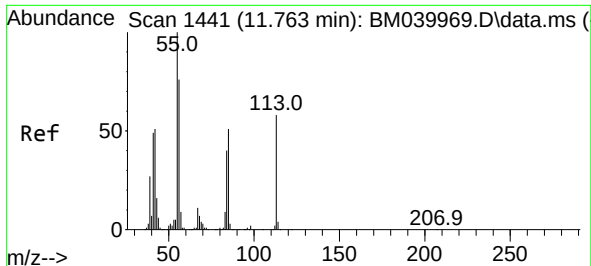
Ion Ratio Lower Upper

225 100

223 61.4 50.3 75.5

227 63.4 51.0 76.4

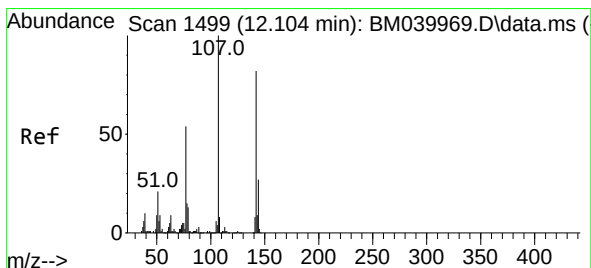
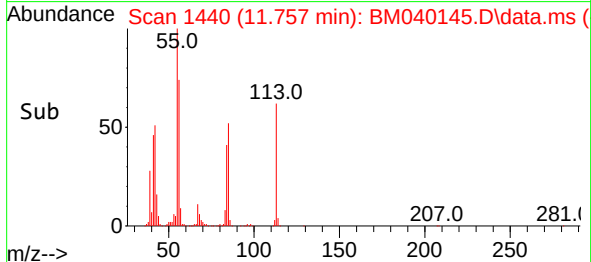
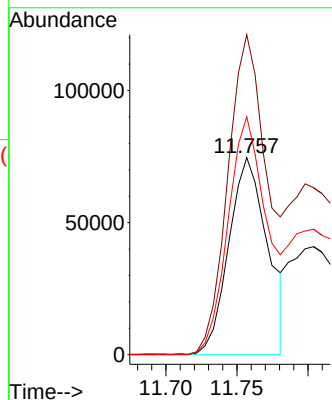
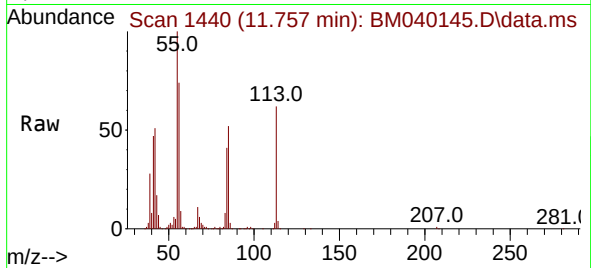




#35
 Caprolactam
 Concen: 27.395 ng
 RT: 11.757 min Scan# 1440
 Delta R.T. -0.000 min
 Lab File: BM040145.D
 Acq: 07 Jun 2023 17:21

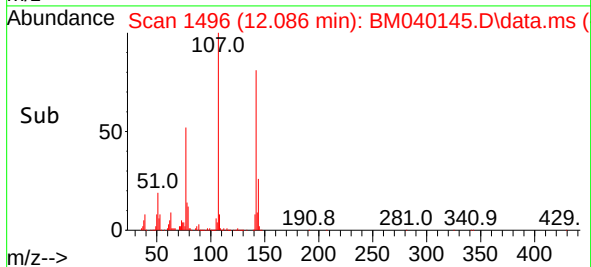
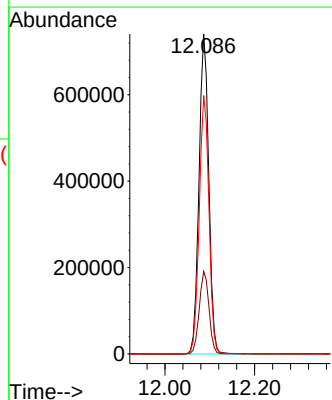
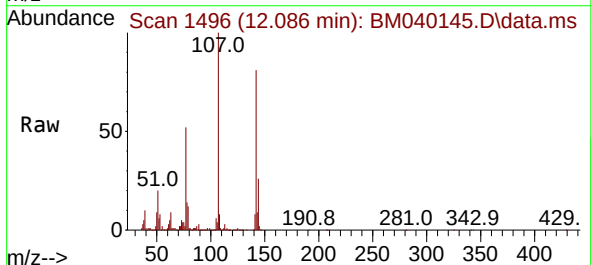
Instrument :
 BNA_M
 ClientSampleId :
 PL-STONE-0602MSD

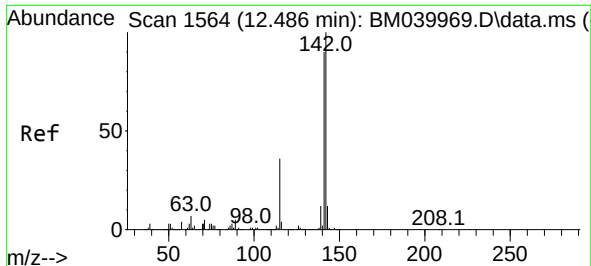
Tgt Ion:113 Resp: 141572
 Ion Ratio Lower Upper
 113 100
 55 162.3 152.5 192.5
 56 120.7 111.2 151.2



#36
 4-Chloro-3-methylphenol
 Concen: 59.089 ng
 RT: 12.086 min Scan# 1496
 Delta R.T. -0.000 min
 Lab File: BM040145.D
 Acq: 07 Jun 2023 17:21

Tgt Ion:107 Resp: 1117747
 Ion Ratio Lower Upper
 107 100
 144 25.8 21.4 32.2
 142 80.7 65.8 98.6

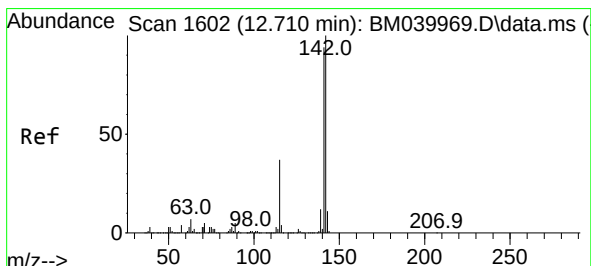
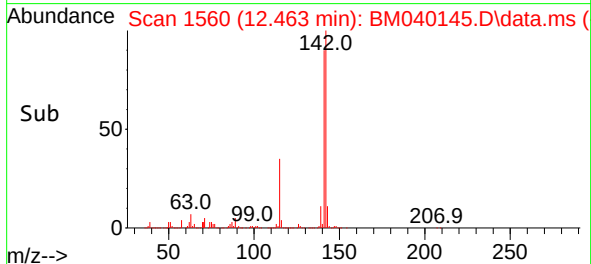
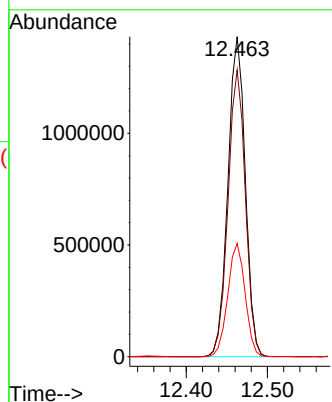
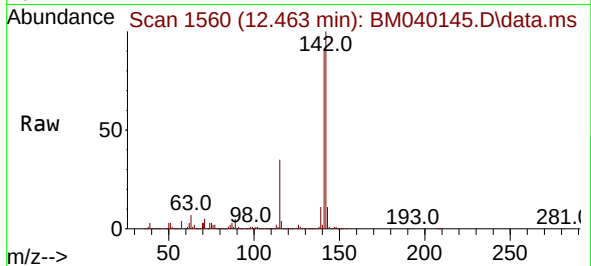




#37
2-Methylnaphthalene
Concen: 45.459 ng
RT: 12.463 min Scan# 1560
Delta R.T. -0.006 min
Lab File: BM040145.D
Acq: 07 Jun 2023 17:21

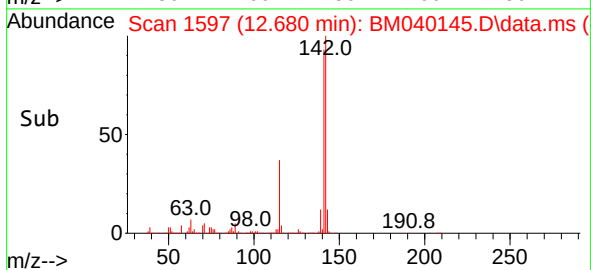
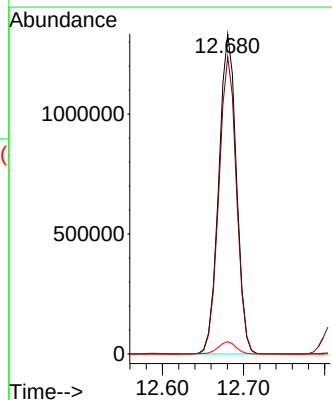
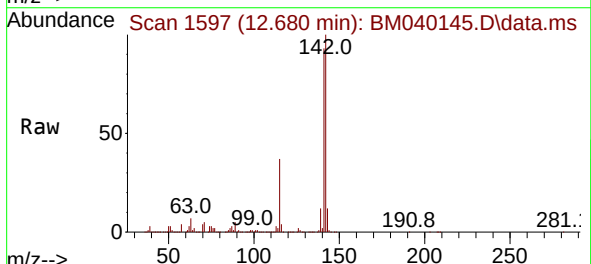
Instrument :
BNA_M
ClientSampleId :
PL-STONE-0602MSD

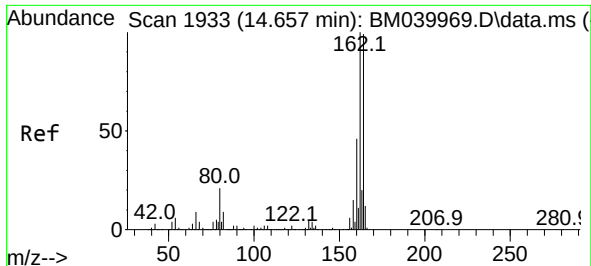
Tgt Ion:142 Resp: 2131536
Ion Ratio Lower Upper
142 100
141 89.6 71.6 107.4
115 35.4 28.8 43.2



#38
1-Methylnaphthalene
Concen: 45.973 ng
RT: 12.680 min Scan# 1597
Delta R.T. -0.006 min
Lab File: BM040145.D
Acq: 07 Jun 2023 17:21

Tgt Ion:142 Resp: 2017839
Ion Ratio Lower Upper
142 100
141 92.9 75.1 112.7
116 3.9 3.2 4.8

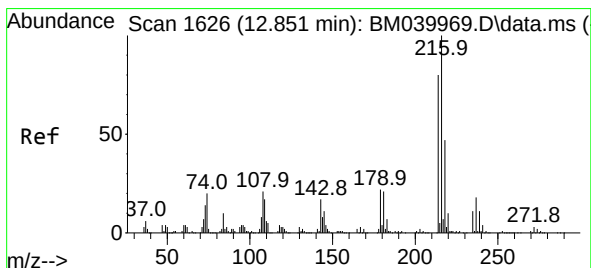
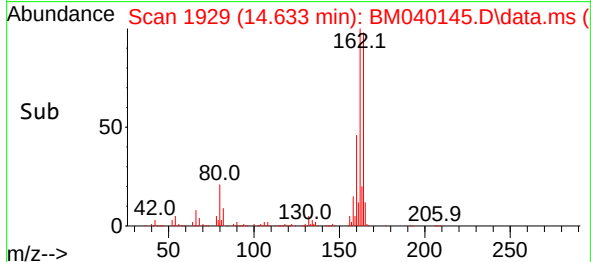
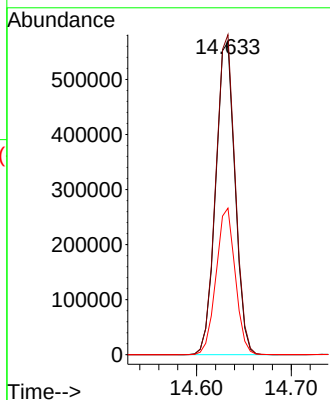
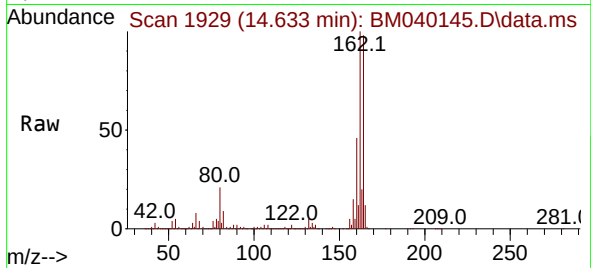




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.633 min Scan# 1933
Delta R.T. -0.000 min
Lab File: BM040145.D
Acq: 07 Jun 2023 17:21

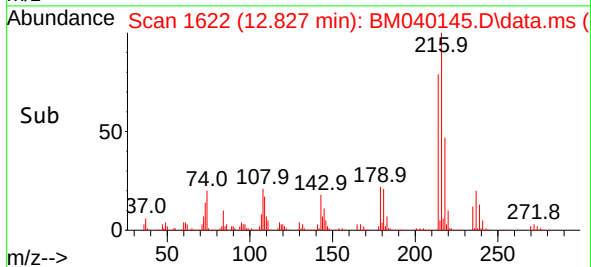
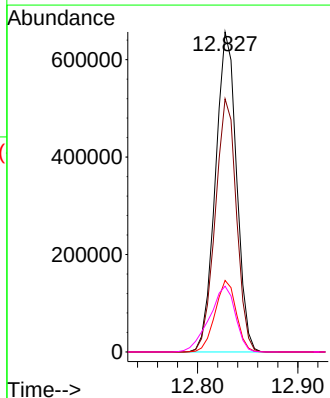
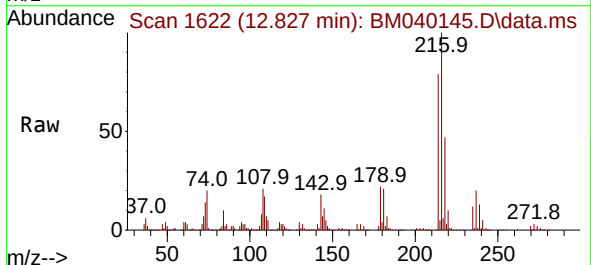
Instrument :
BNA_M
ClientSampleId :
PL-STONE-0602MSD

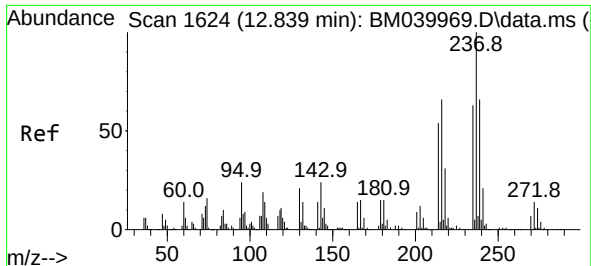
Tgt Ion:164 Resp: 806346
Ion Ratio Lower Upper
164 100
162 102.4 80.6 120.8
160 46.9 36.7 55.1



#40
1,2,4,5-Tetrachlorobenzene
Concen: 37.716 ng
RT: 12.827 min Scan# 1622
Delta R.T. -0.006 min
Lab File: BM040145.D
Acq: 07 Jun 2023 17:21

Tgt Ion:216 Resp: 961899
Ion Ratio Lower Upper
216 100
214 79.2 63.8 95.6
179 22.3 17.4 26.2
108 25.4 18.0 27.0

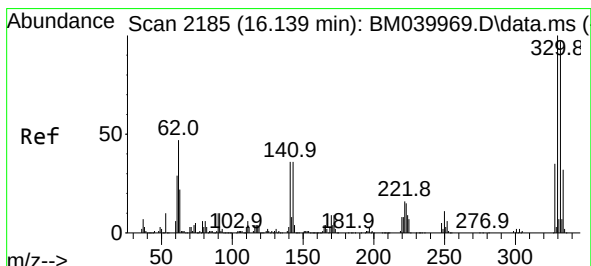
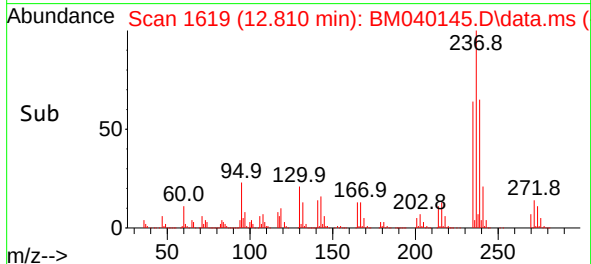
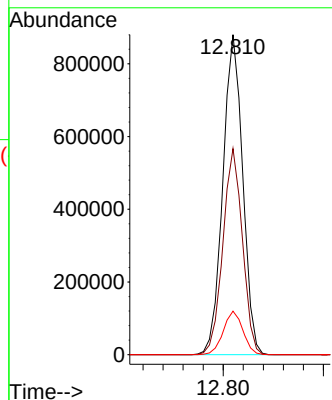
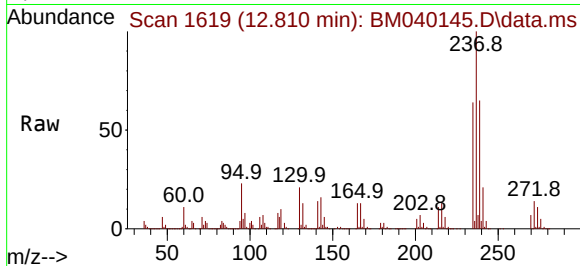




#41
Hexachlorocyclopentadiene
Concen: 91.713 ng
RT: 12.810 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM040145.D
Acq: 07 Jun 2023 17:21

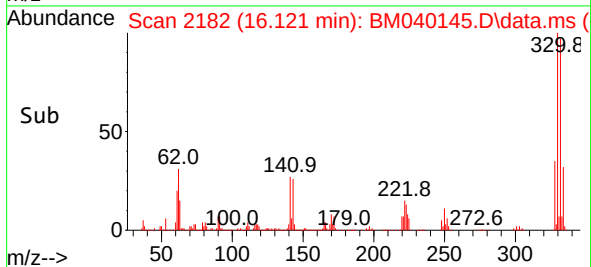
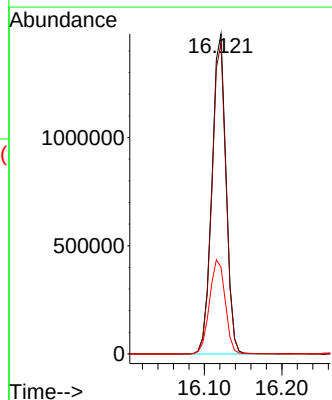
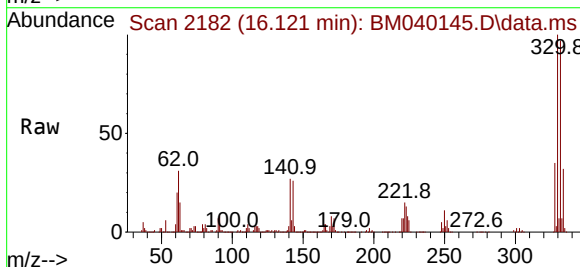
Instrument :
BNA_M
ClientSampleId :
PL-STONE-0602MSD

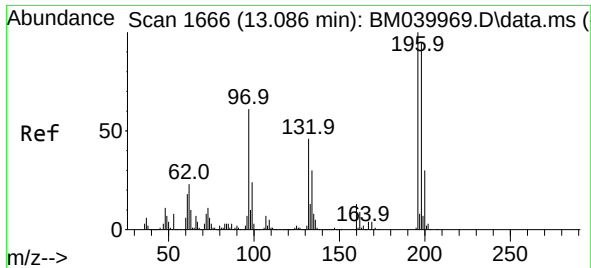
Tgt Ion:237 Resp: 1209992
Ion Ratio Lower Upper
237 100
235 64.4 43.2 83.2
272 13.6 0.0 33.6



#42
2,4,6-Tribromophenol
Concen: 179.565 ng
RT: 16.121 min Scan# 2182
Delta R.T. -0.000 min
Lab File: BM040145.D
Acq: 07 Jun 2023 17:21

Tgt Ion:330 Resp: 1879282
Ion Ratio Lower Upper
330 100
332 97.1 77.4 116.2
141 32.6 31.6 47.4

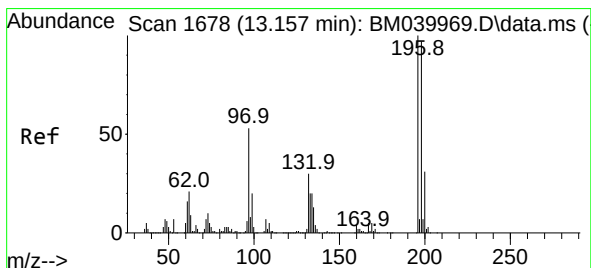
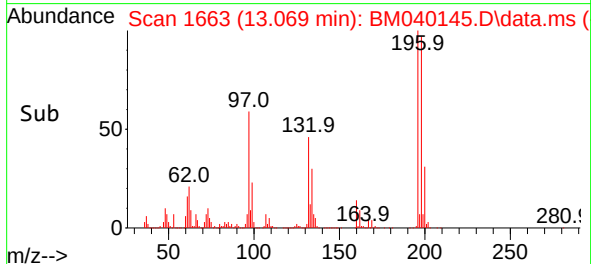
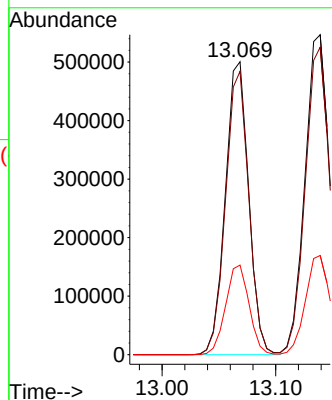
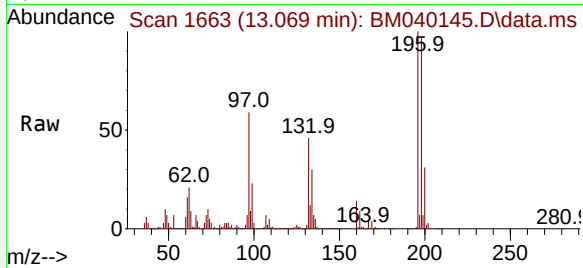




#43
2,4,6-Trichlorophenol
Concen: 46.285 ng
RT: 13.069 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM040145.D
Acq: 07 Jun 2023 17:21

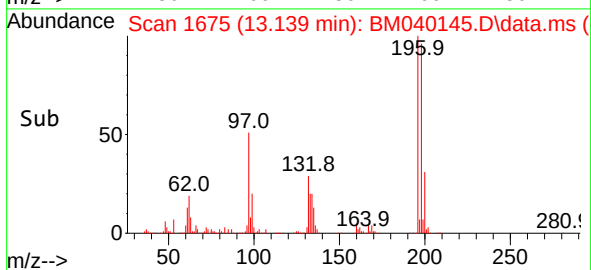
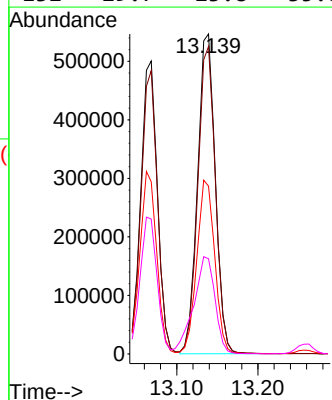
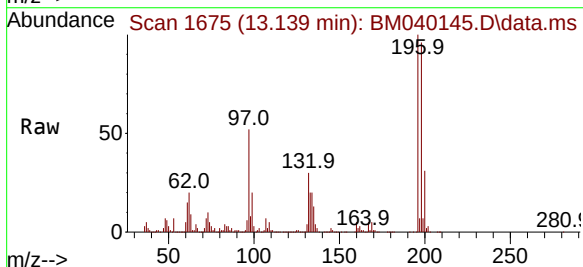
Instrument :
BNA_M
ClientSampleId :
PL-STONE-0602MSD

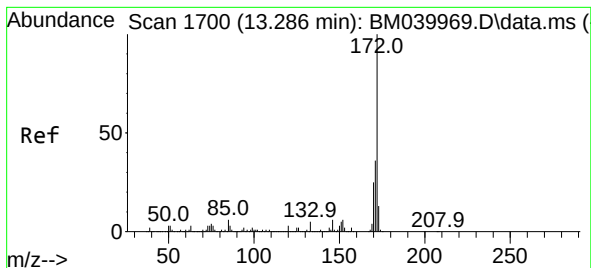
Tgt Ion:196 Resp: 716487
Ion Ratio Lower Upper
196 100
198 96.7 75.7 113.5
200 30.6 23.8 35.8



#44
2,4,5-Trichlorophenol
Concen: 45.122 ng
RT: 13.139 min Scan# 1675
Delta R.T. -0.000 min
Lab File: BM040145.D
Acq: 07 Jun 2023 17:21

Tgt Ion:196 Resp: 831370
Ion Ratio Lower Upper
196 100
198 96.1 77.2 115.8
97 52.5 42.2 63.2
132 29.7 23.8 35.8





#45

2-Fluorobiphenyl

Concen: 76.061 ng

RT: 13.257 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM040145.D

Acq: 07 Jun 2023 17:21

Instrument :

BNA_M

ClientSampleId :

PL-STONE-0602MSD

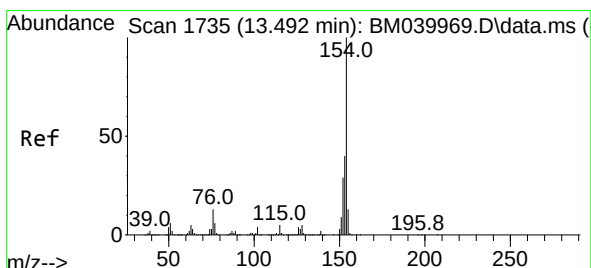
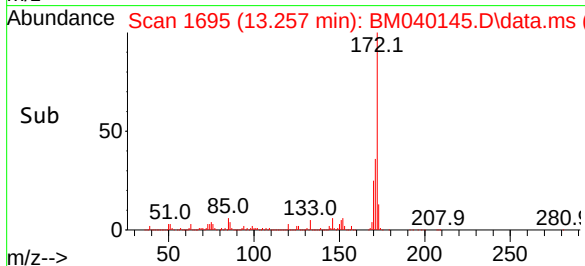
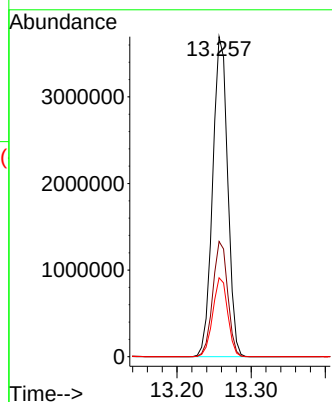
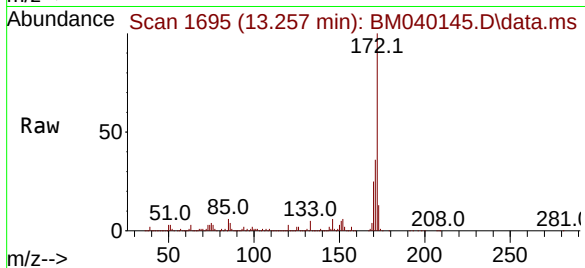
Tgt Ion:172 Resp: 5199843

Ion Ratio Lower Upper

172 100

171 36.0 28.8 43.2

170 24.6 19.6 29.4



#46

1,1'-Biphenyl

Concen: 43.268 ng

RT: 13.469 min Scan# 1731

Delta R.T. -0.006 min

Lab File: BM040145.D

Acq: 07 Jun 2023 17:21

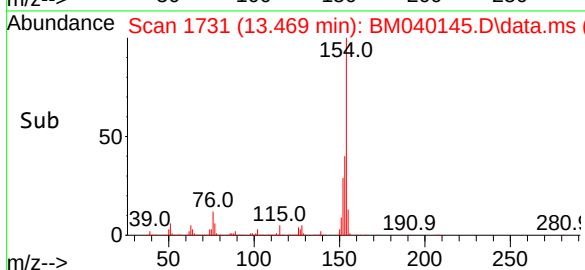
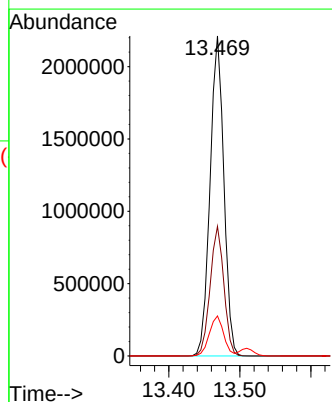
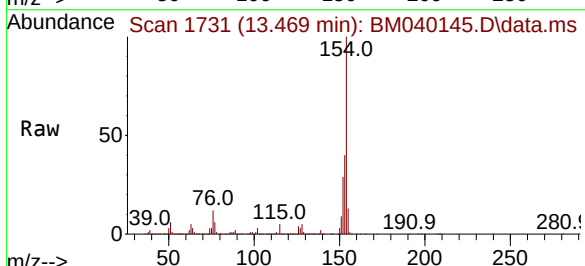
Tgt Ion:154 Resp: 2987040

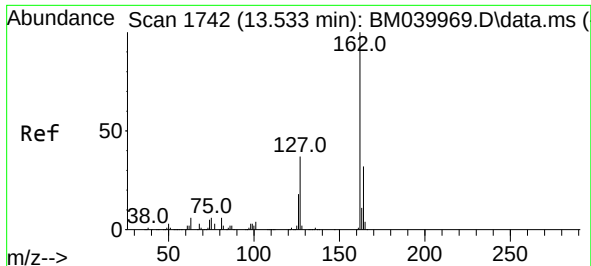
Ion Ratio Lower Upper

154 100

153 40.5 20.4 60.4

76 12.5 0.0 33.1

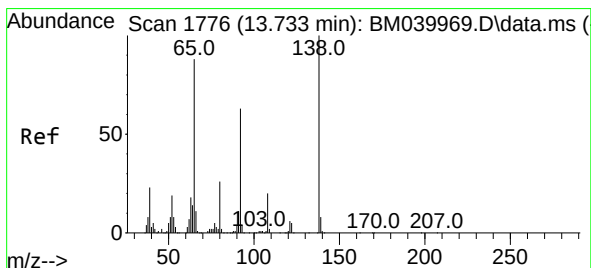
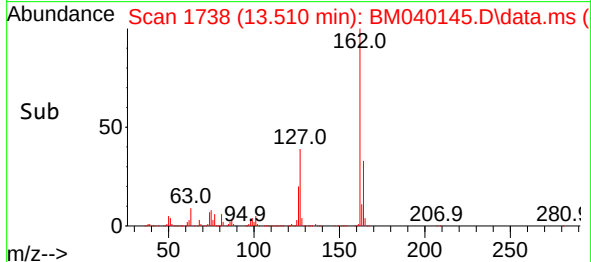
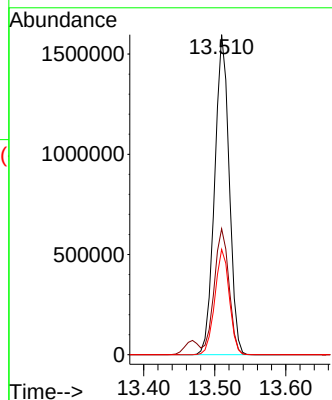
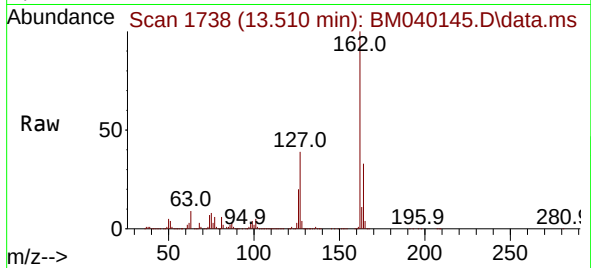




#47
2-Chloronaphthalene
Concen: 43.969 ng
RT: 13.510 min Scan# 1738
Delta R.T. -0.006 min
Lab File: BM040145.D
Acq: 07 Jun 2023 17:21

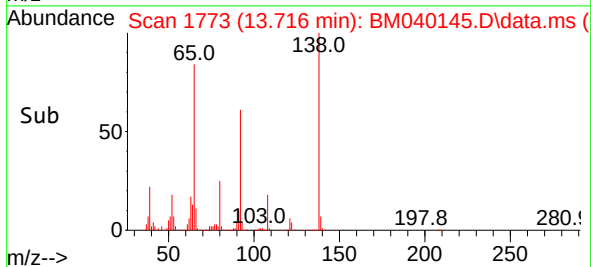
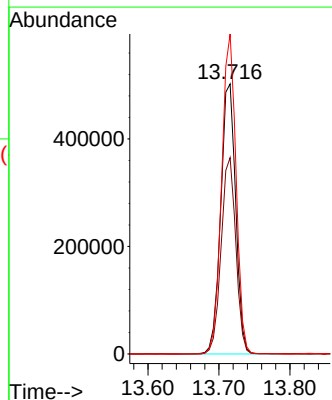
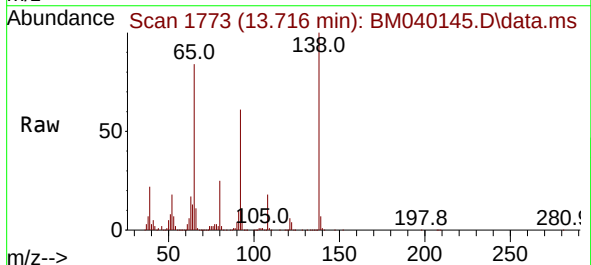
Instrument :
BNA_M
ClientSampleId :
PL-STONE-0602MSD

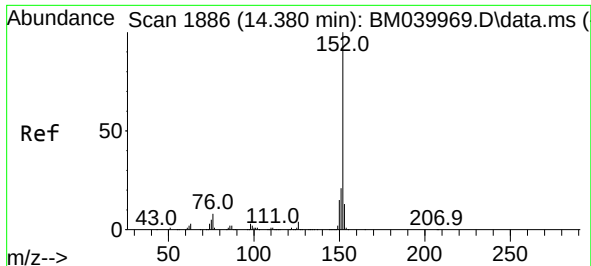
Tgt Ion:162 Resp: 2265785
Ion Ratio Lower Upper
162 100
127 39.3 31.3 46.9
164 32.9 25.8 38.8



#48
2-Nitroaniline
Concen: 52.244 ng
RT: 13.716 min Scan# 1773
Delta R.T. -0.000 min
Lab File: BM040145.D
Acq: 07 Jun 2023 17:21

Tgt Ion: 65 Resp: 731764
Ion Ratio Lower Upper
65 100
92 72.7 57.0 85.6
138 118.5 91.1 136.7

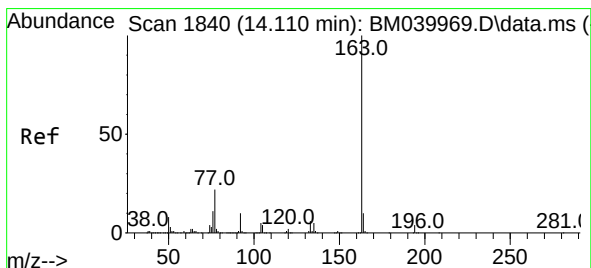
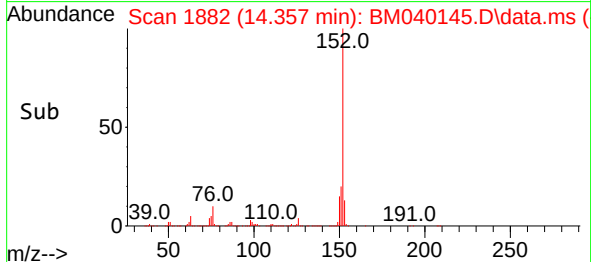
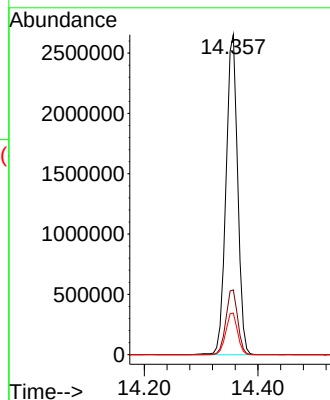
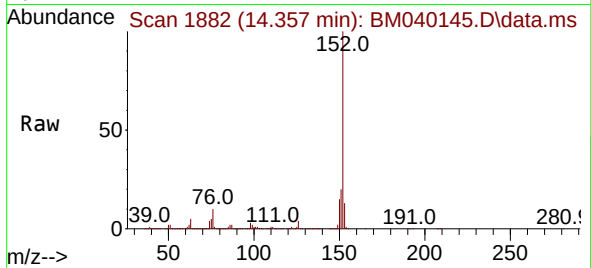




#49
Acenaphthylene
Concen: 47.055 ng
RT: 14.357 min Scan# 1882
Delta R.T. -0.000 min
Lab File: BM040145.D
Acq: 07 Jun 2023 17:21

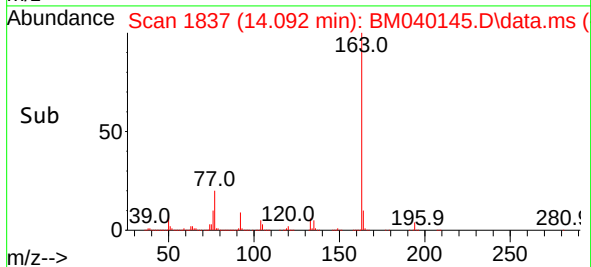
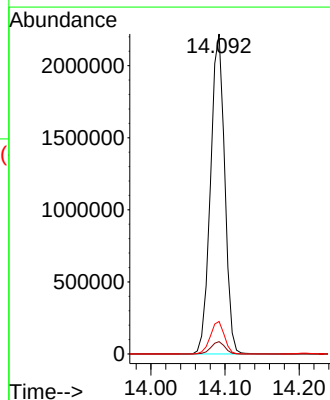
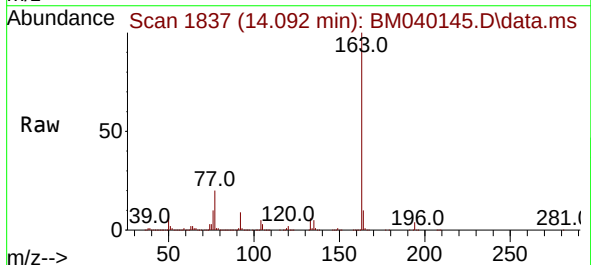
Instrument :
BNA_M
ClientSampleId :
PL-STONE-0602MSD

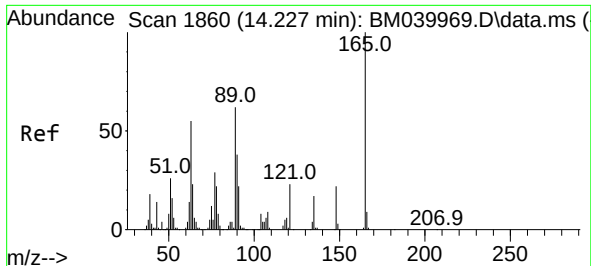
Tgt Ion:152 Resp: 3796038
Ion Ratio Lower Upper
152 100
151 20.3 16.4 24.6
153 13.0 10.3 15.5



#50
Dimethylphthalate
Concen: 48.474 ng
RT: 14.092 min Scan# 1837
Delta R.T. -0.000 min
Lab File: BM040145.D
Acq: 07 Jun 2023 17:21

Tgt Ion:163 Resp: 2946475
Ion Ratio Lower Upper
163 100
194 3.9 3.0 4.6
164 10.2 8.2 12.2

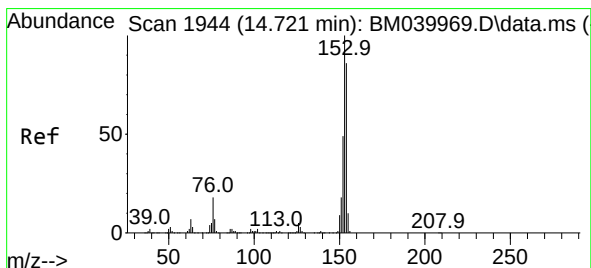
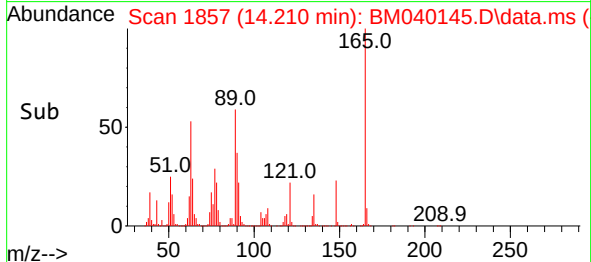
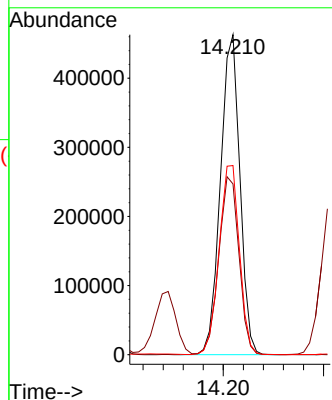
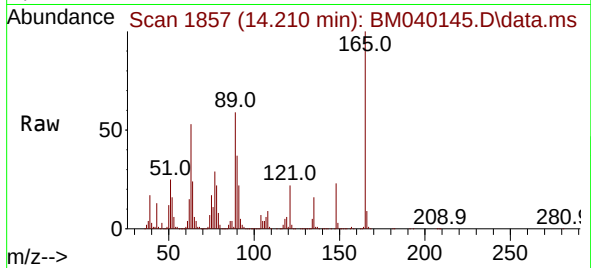




#51
2,6-Dinitrotoluene
Concen: 53.458 ng
RT: 14.210 min Scan# 1857
Delta R.T. -0.000 min
Lab File: BM040145.D
Acq: 07 Jun 2023 17:21

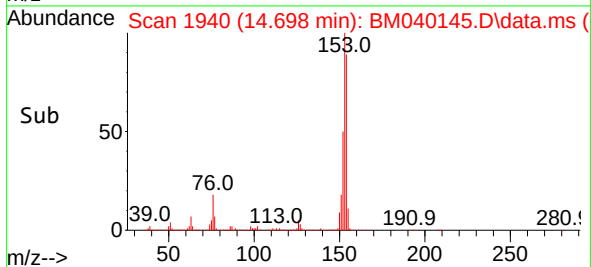
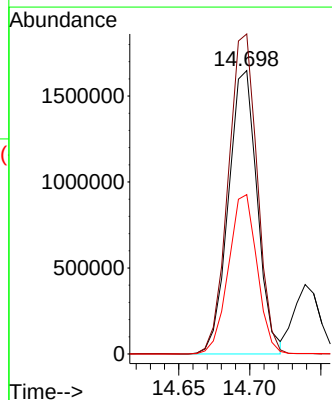
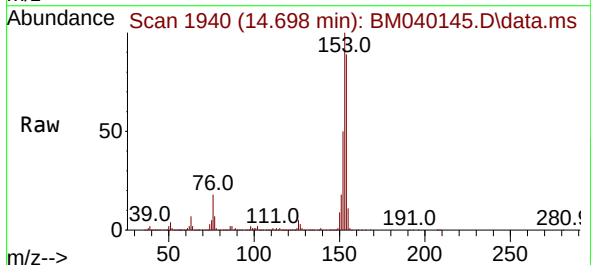
Instrument :
BNA_M
ClientSampleId :
PL-STONE-0602MSD

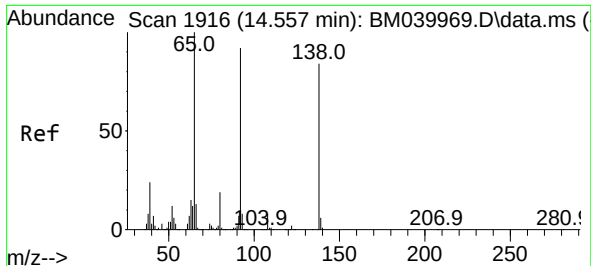
Tgt Ion:165 Resp: 621625
Ion Ratio Lower Upper
165 100
63 53.3 45.3 67.9
89 59.1 49.5 74.3



#52
Acenaphthene
Concen: 44.221 ng
RT: 14.698 min Scan# 1940
Delta R.T. -0.000 min
Lab File: BM040145.D
Acq: 07 Jun 2023 17:21

Tgt Ion:154 Resp: 2330871
Ion Ratio Lower Upper
154 100
153 113.0 92.6 139.0
152 56.2 45.5 68.3

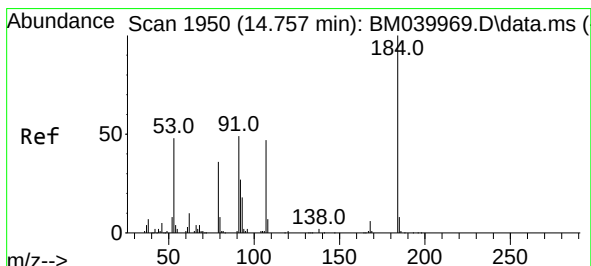
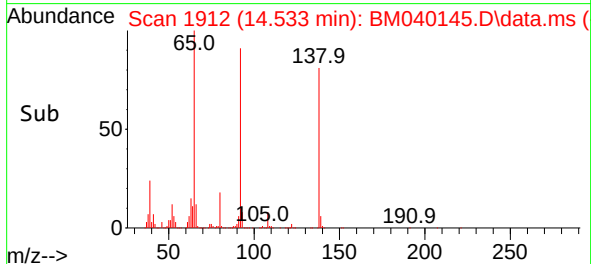
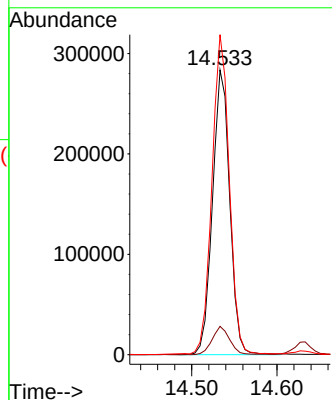
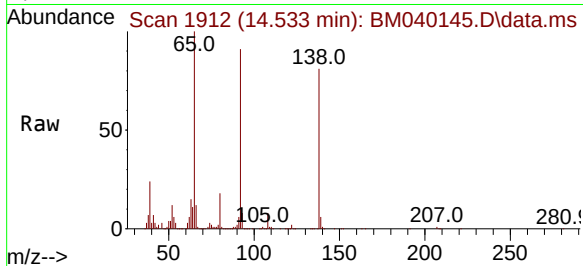




#53
3-Nitroaniline
Concen: 28.981 ng
RT: 14.533 min Scan# 1912
Delta R.T. -0.006 min
Lab File: BM040145.D
Acq: 07 Jun 2023 17:21

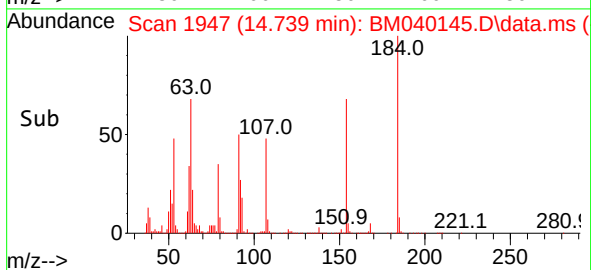
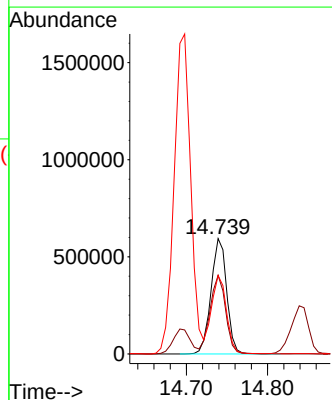
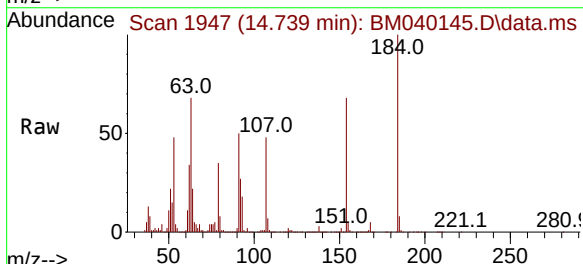
Instrument :
BNA_M
ClientSampleId :
PL-STONE-0602MSD

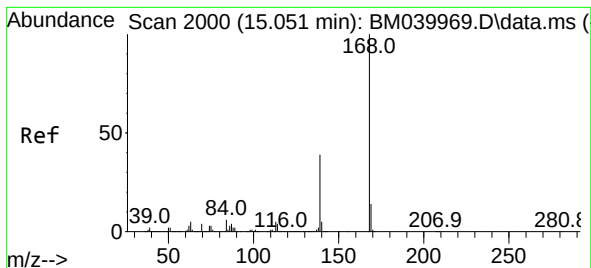
Tgt Ion:138 Resp: 398663
Ion Ratio Lower Upper
138 100
108 9.9 7.8 11.6
92 112.4 87.7 131.5



#54
2,4-Dinitrophenol
Concen: 118.719 ng
RT: 14.739 min Scan# 1947
Delta R.T. -0.000 min
Lab File: BM040145.D
Acq: 07 Jun 2023 17:21

Tgt Ion:184 Resp: 796271
Ion Ratio Lower Upper
184 100
63 68.1 53.0 79.4
154 67.9 54.4 81.6

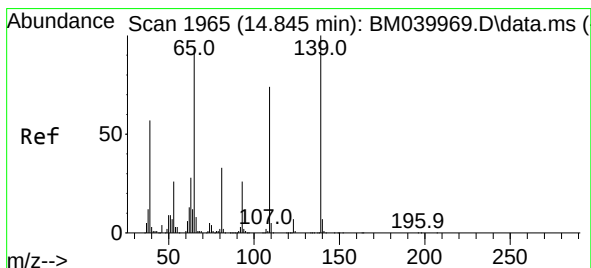
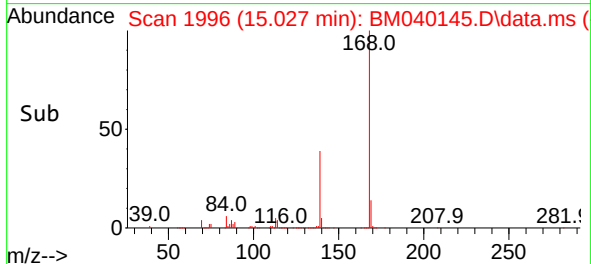
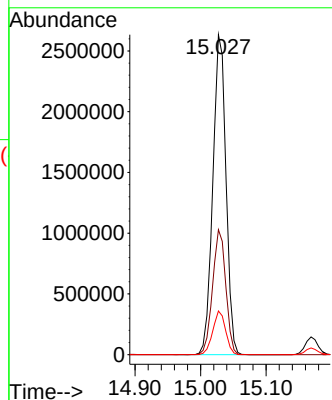
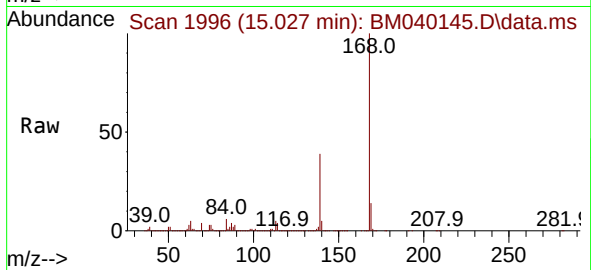




#55
Dibenzofuran
Concen: 47.089 ng
RT: 15.027 min Scan# 1996
Delta R.T. -0.006 min
Lab File: BM040145.D
Acq: 07 Jun 2023 17:21

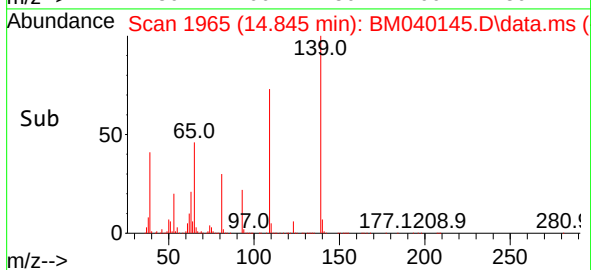
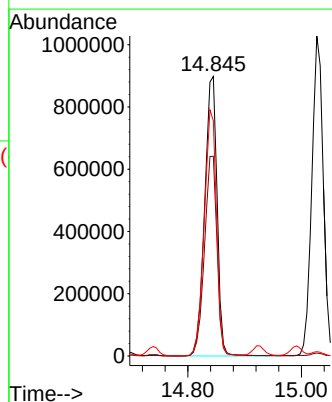
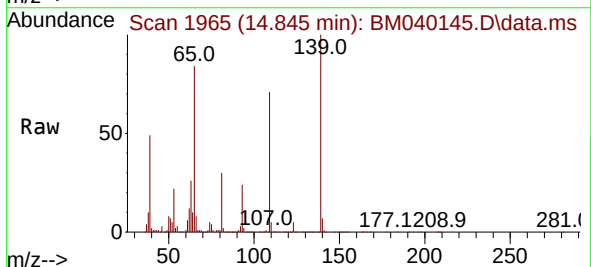
Instrument :
BNA_M
ClientSampleId :
PL-STONE-0602MSD

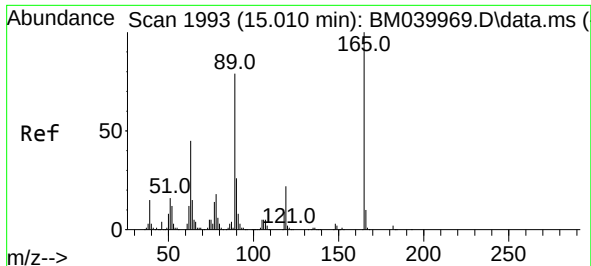
Tgt Ion:168 Resp: 3664114
Ion Ratio Lower Upper
168 100
139 39.0 31.5 47.3
169 13.6 10.9 16.3



#56
4-Nitrophenol
Concen: 127.816 ng
RT: 14.845 min Scan# 1965
Delta R.T. 0.011 min
Lab File: BM040145.D
Acq: 07 Jun 2023 17:21

Tgt Ion:139 Resp: 1360089
Ion Ratio Lower Upper
139 100
109 71.4 53.9 93.9
65 84.1 72.6 112.6



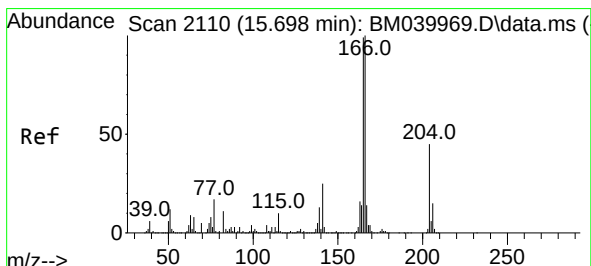
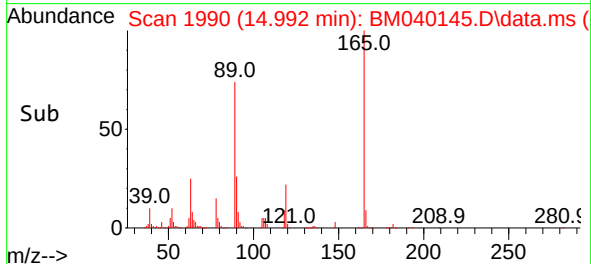
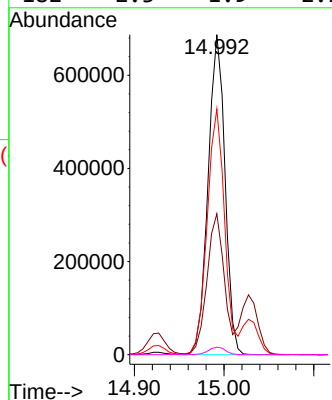
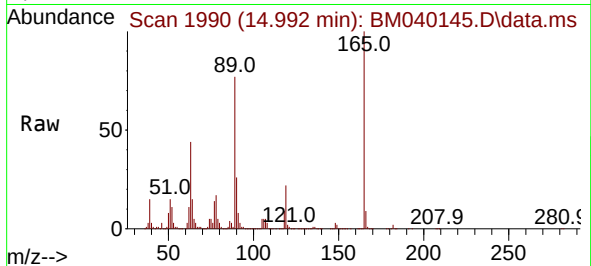


#57
2,4-Dinitrotoluene
Concen: 53.221 ng
RT: 14.992 min Scan# 1993
Delta R.T. -0.000 min
Lab File: BM040145.D
Acq: 07 Jun 2023 17:21

Instrument :
BNA_M
ClientSampleId :
PL-STONE-0602MSD

Tgt Ion:165 Resp: 898472

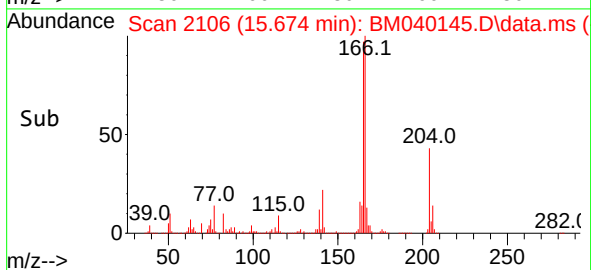
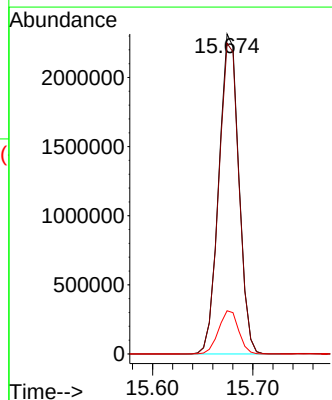
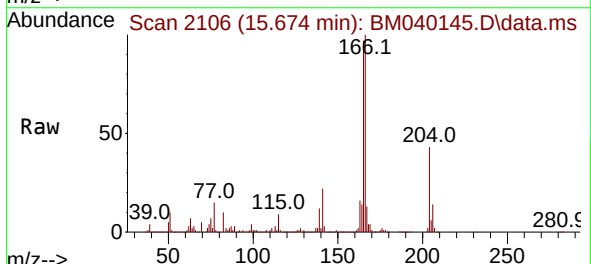
Ion	Ratio	Lower	Upper
165	100		
63	44.1	36.2	54.2
89	76.8	63.4	95.0
182	2.3	1.9	2.9

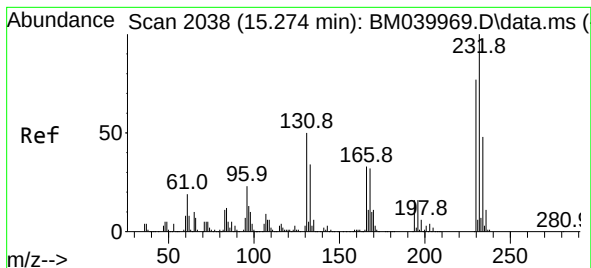


#58
Fluorene
Concen: 49.439 ng
RT: 15.674 min Scan# 2106
Delta R.T. -0.006 min
Lab File: BM040145.D
Acq: 07 Jun 2023 17:21

Tgt Ion:166 Resp: 3197906

Ion	Ratio	Lower	Upper
166	100		
165	97.1	79.5	119.3
167	13.5	11.0	16.6

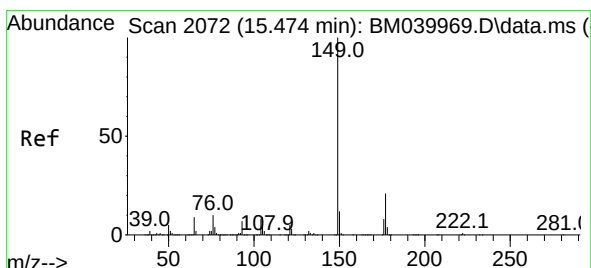
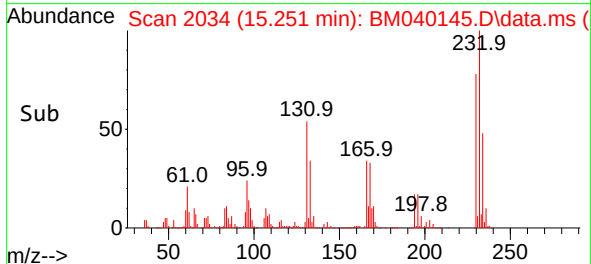
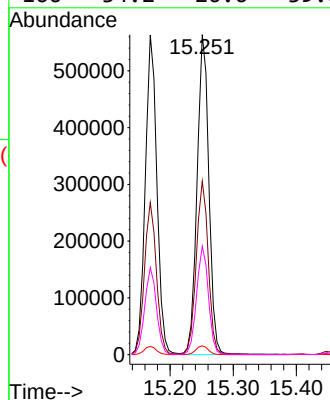
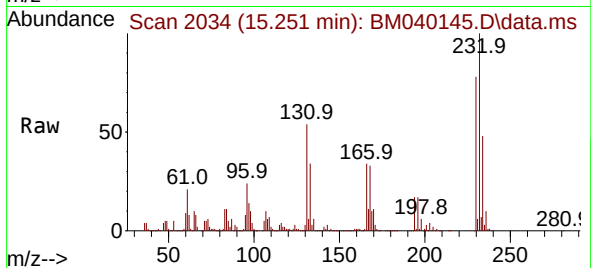




#59
2,3,4,6-Tetrachlorophenol
Concen: 53.207 ng
RT: 15.251 min Scan# 2034
Delta R.T. -0.006 min
Lab File: BM040145.D
Acq: 07 Jun 2023 17:21

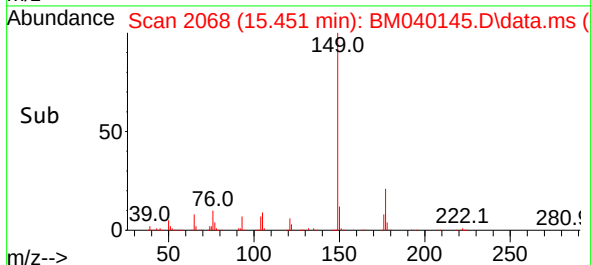
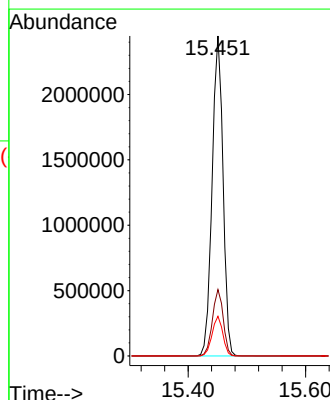
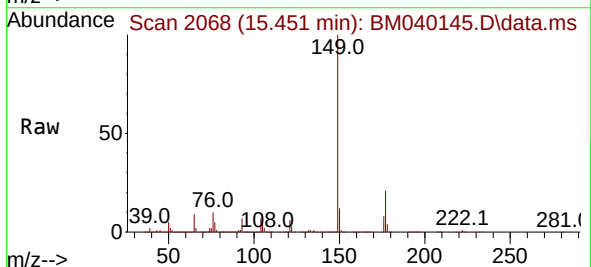
Instrument :
BNA_M
ClientSampleId :
PL-STONE-0602MSD

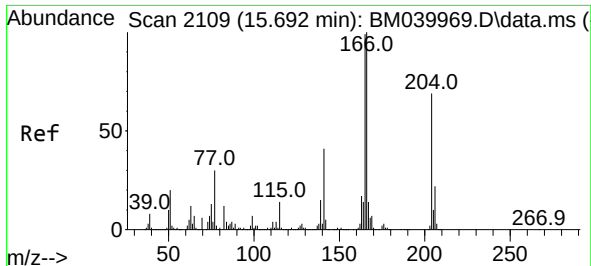
Tgt Ion:232 Resp: 729043
Ion Ratio Lower Upper
232 100
131 55.3 42.8 64.2
130 2.9 2.3 3.5
166 34.2 26.6 39.8



#60
Diethylphthalate
Concen: 52.181 ng
RT: 15.451 min Scan# 2068
Delta R.T. -0.000 min
Lab File: BM040145.D
Acq: 07 Jun 2023 17:21

Tgt Ion:149 Resp: 3135159
Ion Ratio Lower Upper
149 100
177 20.8 16.8 25.2
150 12.4 9.5 14.3

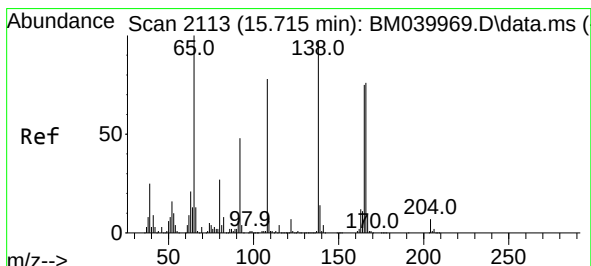
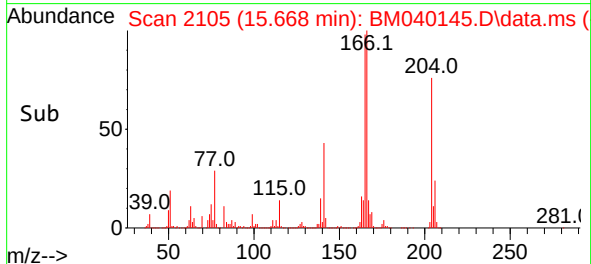
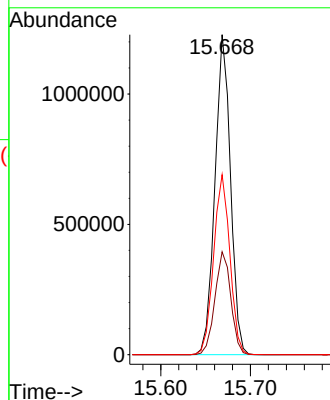
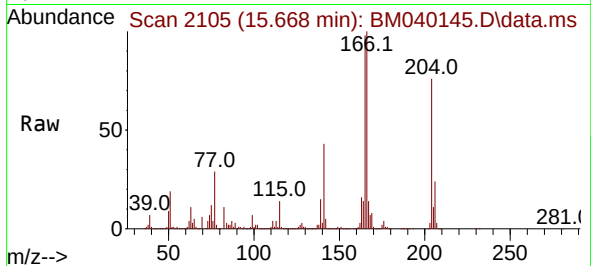




#61
4-Chlorophenyl-phenylether
Concen: 46.681 ng
RT: 15.668 min Scan# 2105
Delta R.T. -0.006 min
Lab File: BM040145.D
Acq: 07 Jun 2023 17:21

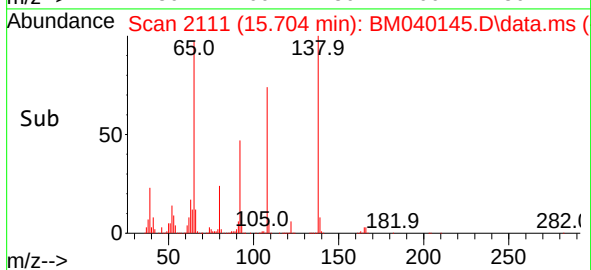
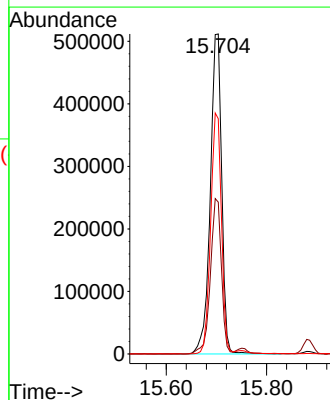
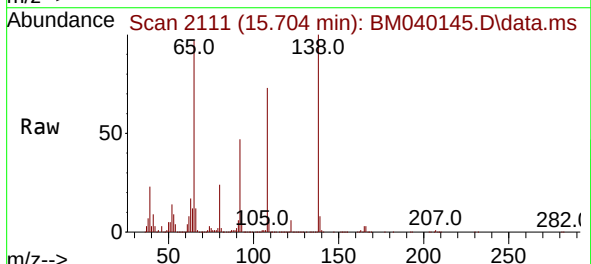
Instrument :
BNA_M
ClientSampleId :
PL-STONE-0602MSD

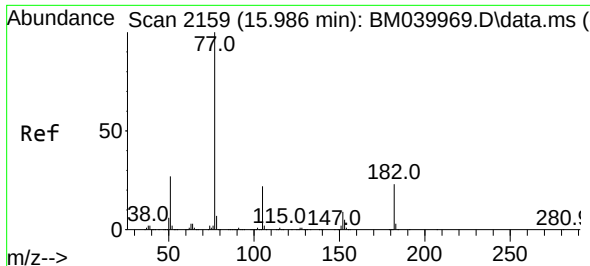
Tgt Ion:204 Resp: 1477311
Ion Ratio Lower Upper
204 100
206 32.2 25.8 38.8
141 56.3 46.9 70.3



#62
4-Nitroaniline
Concen: 56.545 ng
RT: 15.704 min Scan# 2111
Delta R.T. -0.000 min
Lab File: BM040145.D
Acq: 07 Jun 2023 17:21

Tgt Ion:138 Resp: 810078
Ion Ratio Lower Upper
138 100
92 47.5 29.1 69.1
108 73.5 60.0 100.0

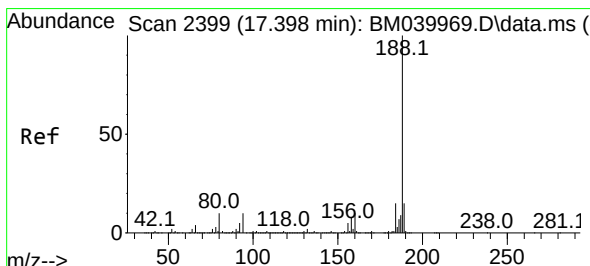
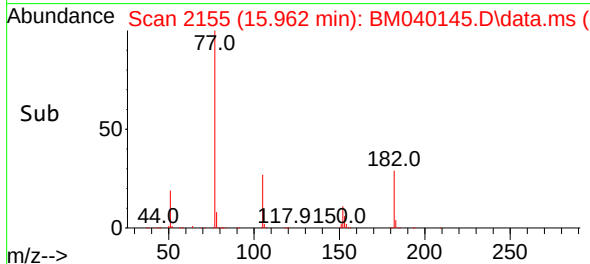
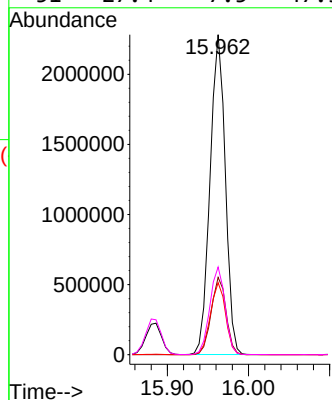
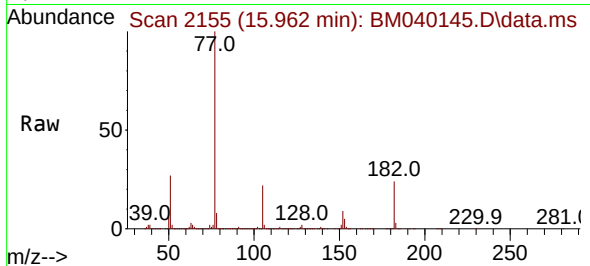




#63
Azobenzene
Concen: 49.710 ng
RT: 15.962 min Scan# 2155
Delta R.T. -0.000 min
Lab File: BM040145.D
Acq: 07 Jun 2023 17:21

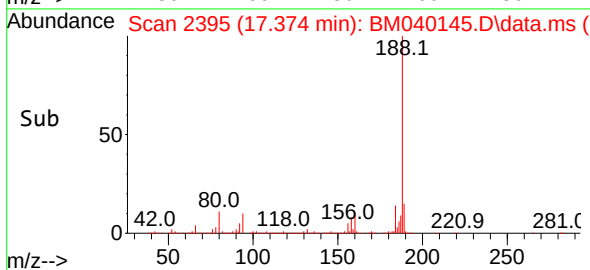
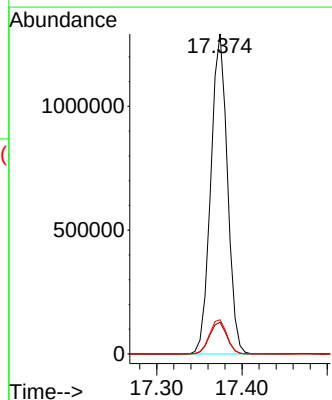
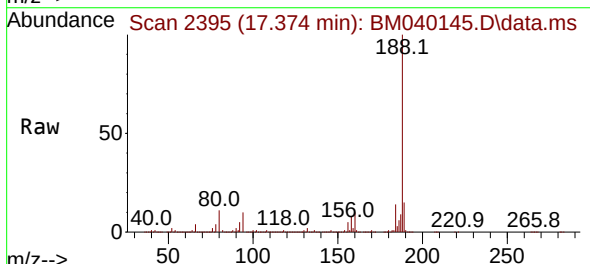
Instrument :
BNA_M
ClientSampleId :
PL-STONE-0602MSD

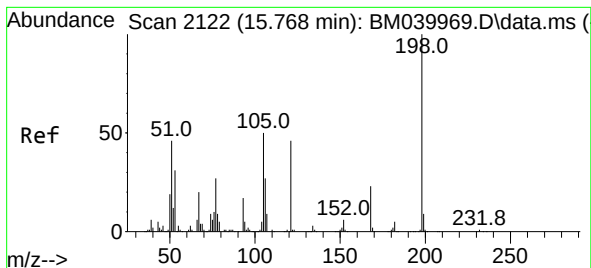
Tgt Ion: 77 Resp: 2977762
Ion Ratio Lower Upper
77 100
182 24.2 2.9 42.9
105 22.5 1.5 41.5
51 27.4 7.5 47.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.374 min Scan# 2395
Delta R.T. -0.000 min
Lab File: BM040145.D
Acq: 07 Jun 2023 17:21

Tgt Ion: 188 Resp: 1751017
Ion Ratio Lower Upper
188 100
94 9.9 7.8 11.8
80 10.7 8.2 12.4

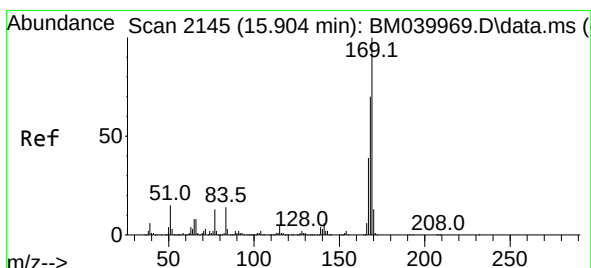
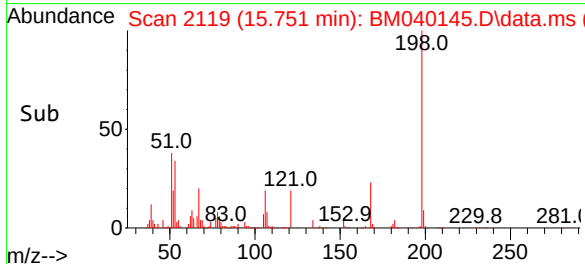
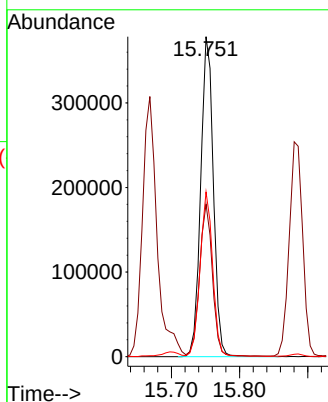
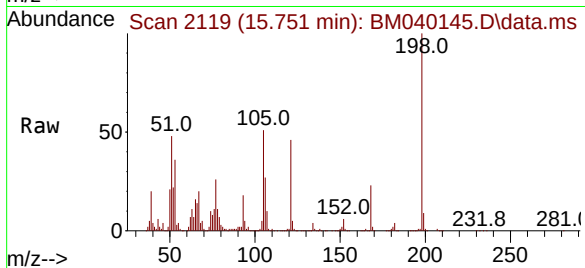




#65
4,6-Dinitro-2-methylphenol
Concen: 50.166 ng
RT: 15.751 min Scan# 2119
Delta R.T. -0.006 min
Lab File: BM040145.D
Acq: 07 Jun 2023 17:21

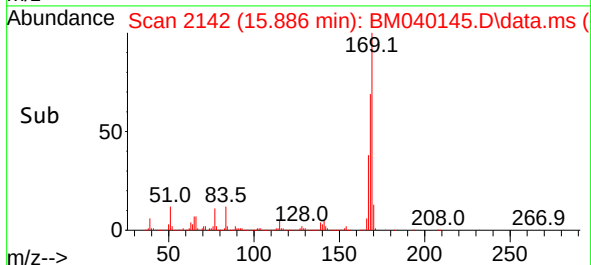
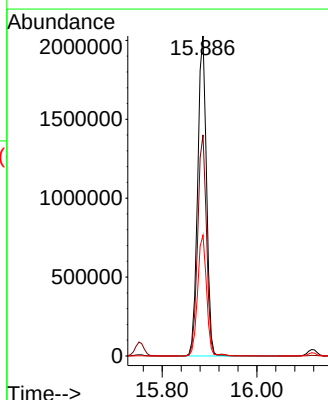
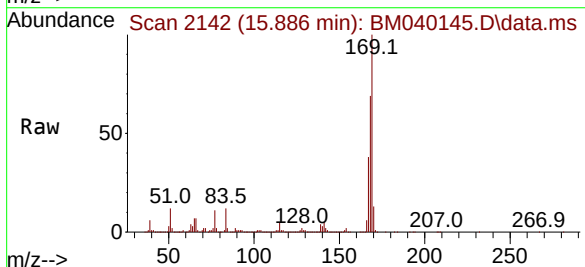
Instrument :
BNA_M
ClientSampleId :
PL-STONE-0602MSD

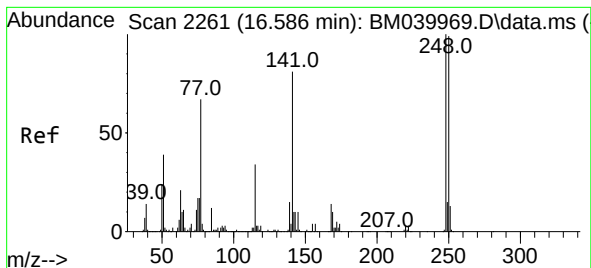
Tgt Ion:198 Resp: 488254
Ion Ratio Lower Upper
198 100
51 47.7 29.9 69.9
105 51.4 30.4 70.4



#66
n-Nitrosodiphenylamine
Concen: 43.328 ng
RT: 15.886 min Scan# 2142
Delta R.T. -0.000 min
Lab File: BM040145.D
Acq: 07 Jun 2023 17:21

Tgt Ion:169 Resp: 2609020
Ion Ratio Lower Upper
169 100
168 69.1 56.0 84.0
167 37.8 31.0 46.6

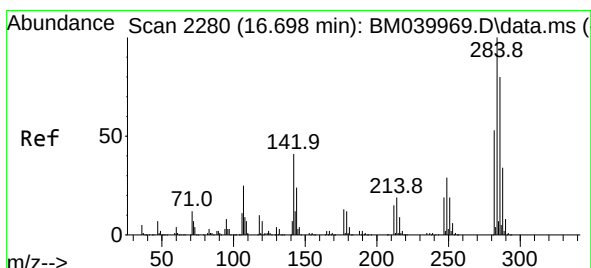
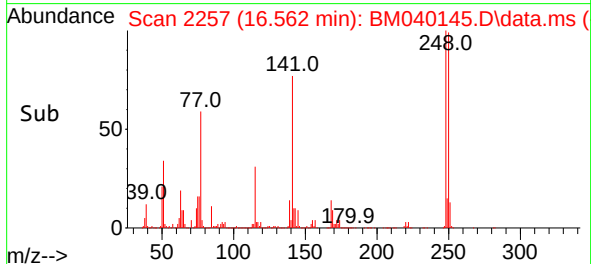
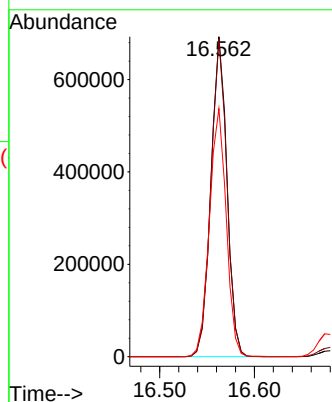
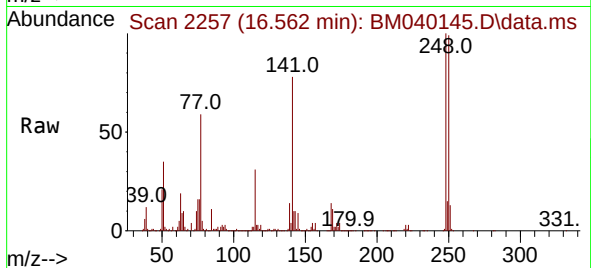




#67
4-Bromophenyl-phenylether
Concen: 42.321 ng
RT: 16.562 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM040145.D
Acq: 07 Jun 2023 17:21

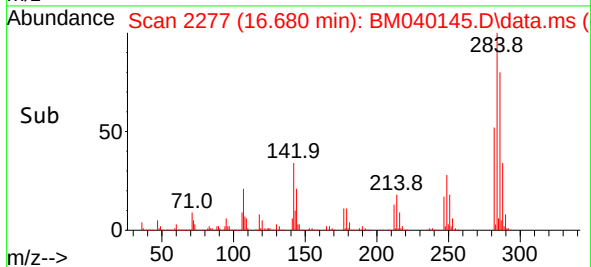
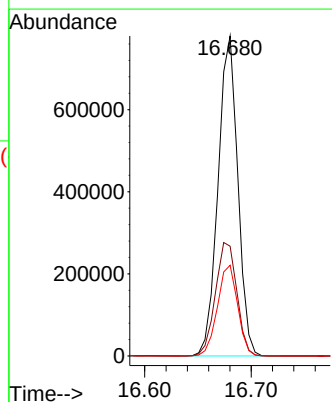
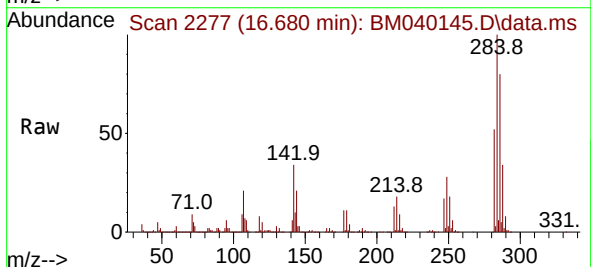
Instrument :
BNA_M
ClientSampleId :
PL-STONE-0602MSD

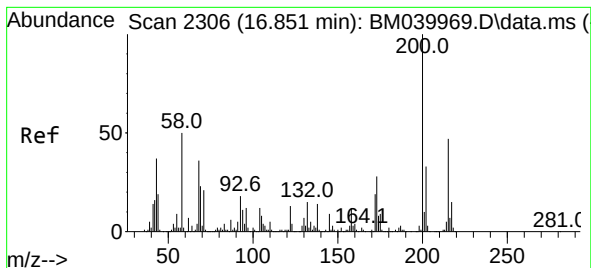
Tgt Ion:248 Resp: 818807
Ion Ratio Lower Upper
248 100
250 99.3 79.4 119.0
141 77.6 64.8 97.2



#68
Hexachlorobenzene
Concen: 45.295 ng
RT: 16.680 min Scan# 2277
Delta R.T. -0.000 min
Lab File: BM040145.D
Acq: 07 Jun 2023 17:21

Tgt Ion:284 Resp: 1001497
Ion Ratio Lower Upper
284 100
142 34.3 32.4 48.6
249 28.4 23.4 35.2





#69

Atrazine

Concen: 38.911 ng

RT: 16.833 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM040145.D

Acq: 07 Jun 2023 17:21

Instrument :

BNA_M

ClientSampleId :

PL-STONE-0602MSD

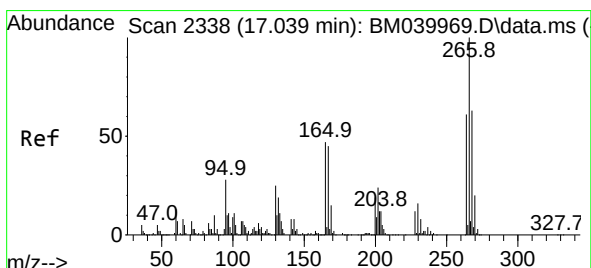
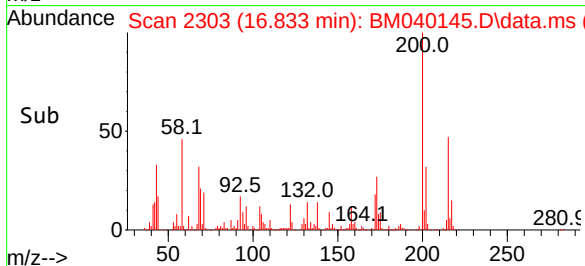
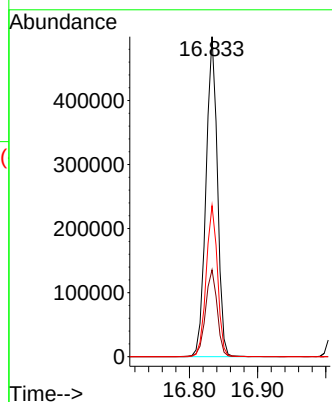
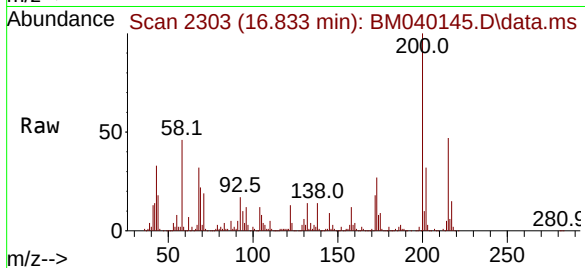
Tgt Ion:200 Resp: 582813

Ion Ratio Lower Upper

200 100

173 27.2 7.7 47.7

215 47.2 27.5 67.5



#70

Pentachlorophenol

Concen: 99.341 ng

RT: 17.021 min Scan# 2335

Delta R.T. -0.000 min

Lab File: BM040145.D

Acq: 07 Jun 2023 17:21

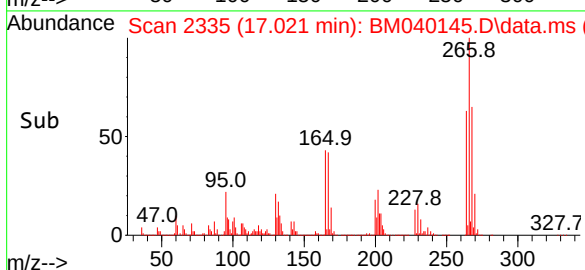
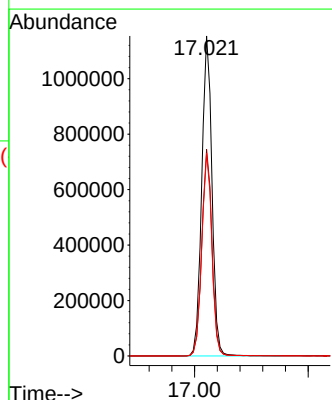
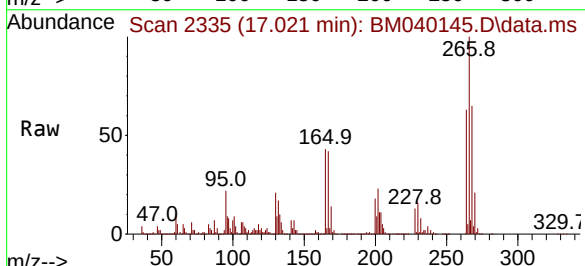
Tgt Ion:266 Resp: 1441889

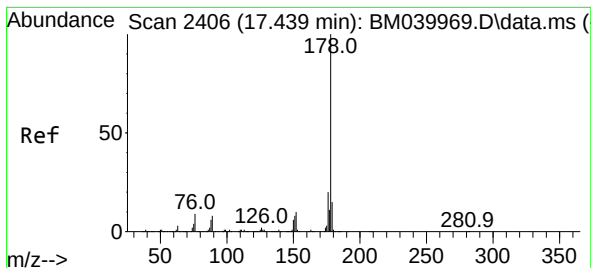
Ion Ratio Lower Upper

266 100

268 64.6 50.2 75.4

264 63.3 49.0 73.6





#71

Phenanthrene

Concen: 46.463 ng

RT: 17.415 min Scan# 2418

Delta R.T. -0.006 min

Lab File: BM040145.D

Acq: 07 Jun 2023 17:21

Instrument :

BNA_M

ClientSampleId :

PL-STONE-0602MSD

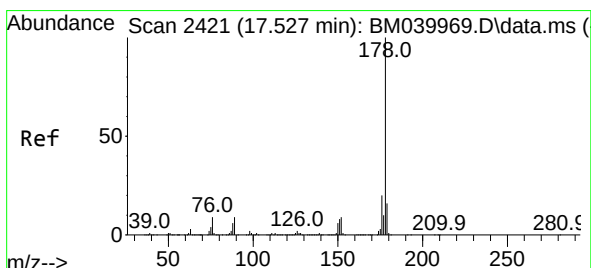
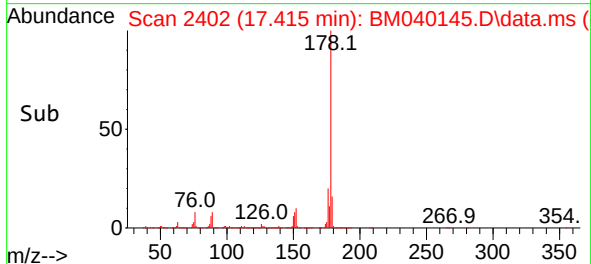
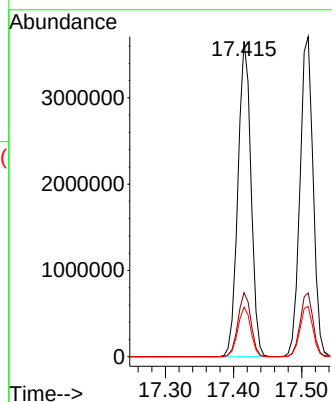
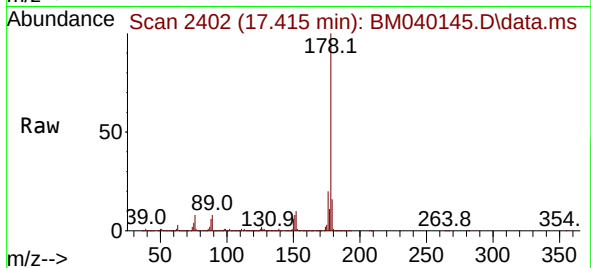
Tgt Ion:178 Resp: 4866348

Ion Ratio Lower Upper

178 100

176 20.3 16.2 24.2

179 15.7 12.2 18.4



#72

Anthracene

Concen: 48.004 ng

RT: 17.509 min Scan# 2418

Delta R.T. -0.000 min

Lab File: BM040145.D

Acq: 07 Jun 2023 17:21

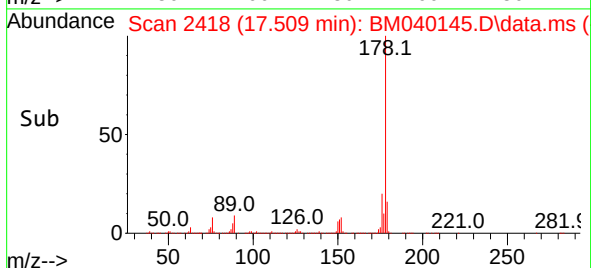
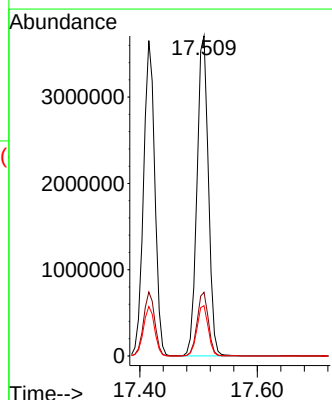
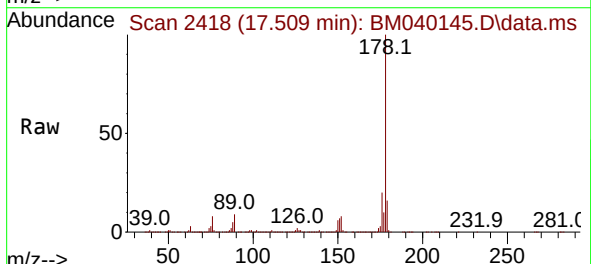
Tgt Ion:178 Resp: 4981475

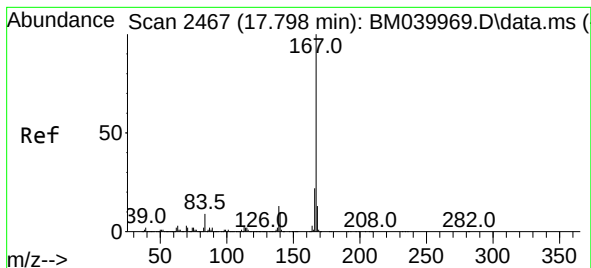
Ion Ratio Lower Upper

178 100

176 19.9 15.8 23.6

179 15.7 12.5 18.7





#73

Carbazole

Concen: 50.974 ng

RT: 17.780 min Scan# 24

Delta R.T. -0.000 min

Lab File: BM040145.D

Acq: 07 Jun 2023 17:21

Instrument :

BNA_M

ClientSampleId :

PL-STONE-0602MSD

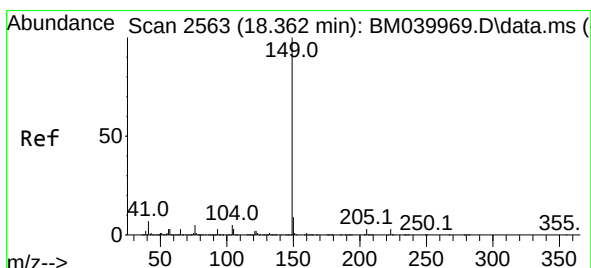
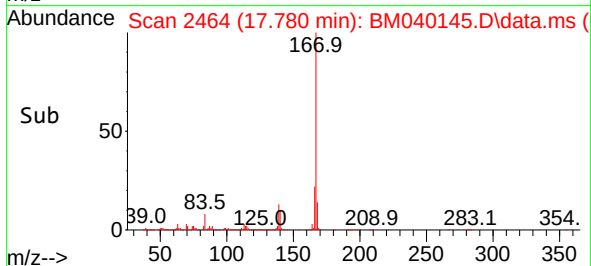
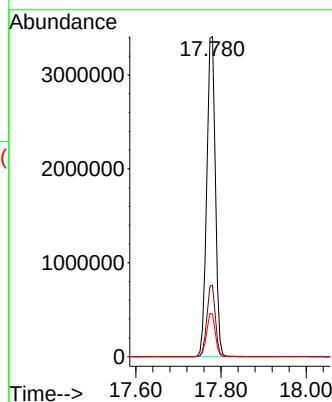
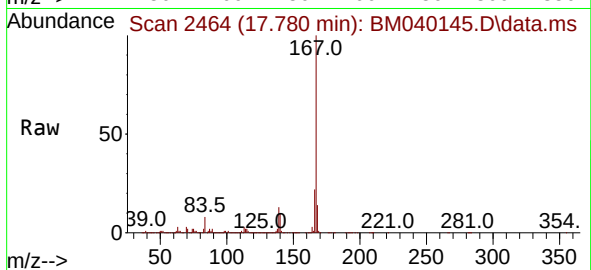
Tgt Ion:167 Resp: 4779018

Ion Ratio Lower Upper

167 100

166 22.3 17.8 26.8

139 13.4 10.8 16.2



#74

Di-n-butylphthalate

Concen: 45.777 ng

RT: 18.339 min Scan# 2559

Delta R.T. -0.006 min

Lab File: BM040145.D

Acq: 07 Jun 2023 17:21

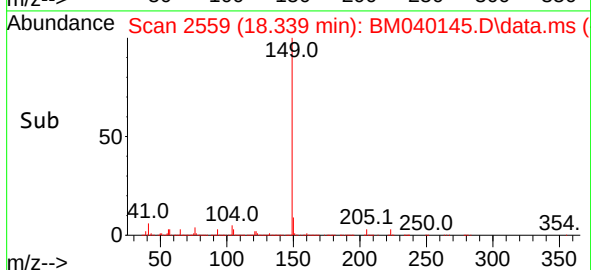
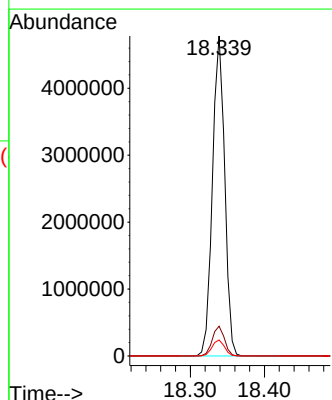
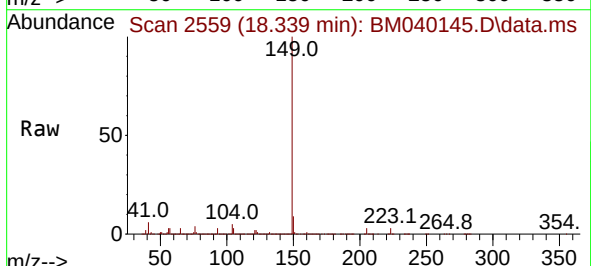
Tgt Ion:149 Resp: 5464908

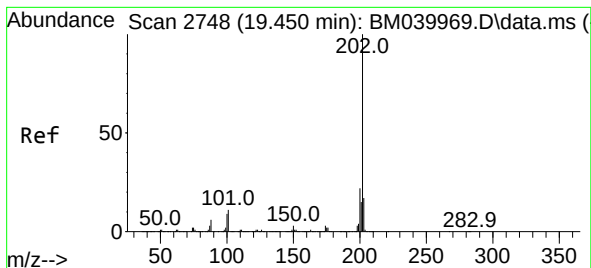
Ion Ratio Lower Upper

149 100

150 9.3 7.4 11.2

104 5.0 4.2 6.2





#75

Fluoranthene

Concen: 51.555 ng

RT: 19.427 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM040145.D

Acq: 07 Jun 2023 17:21

Instrument :

BNA_M

ClientSampleId :

PL-STONE-0602MSD

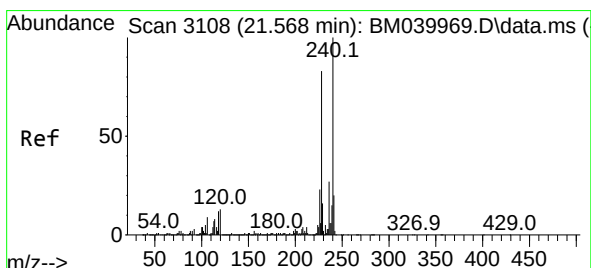
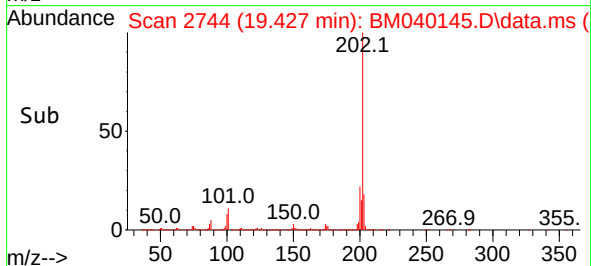
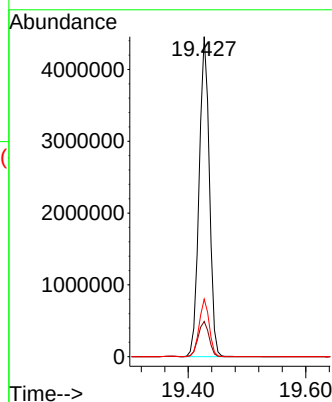
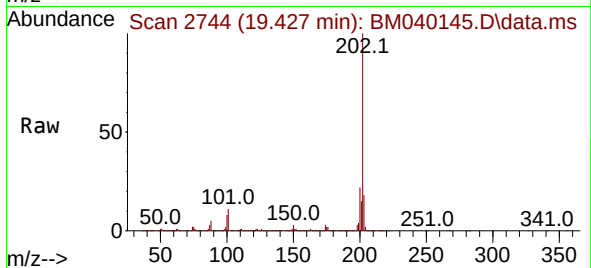
Tgt Ion:202 Resp: 5381718

Ion Ratio Lower Upper

202 100

101 11.0 0.0 31.3

203 18.0 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: BM040145.D

Acq: 07 Jun 2023 17:21

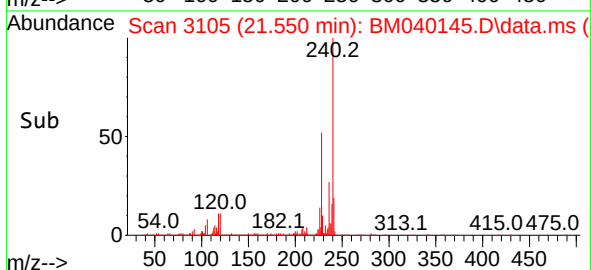
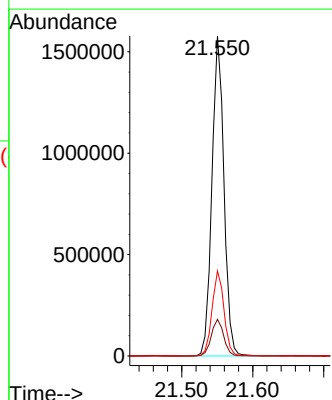
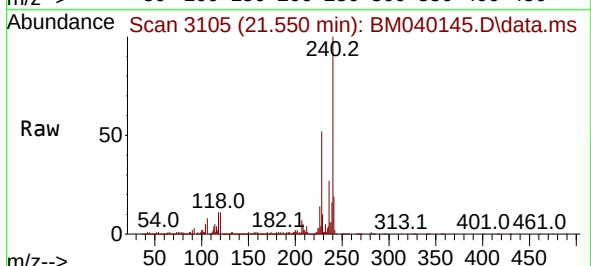
Tgt Ion:240 Resp: 1852814

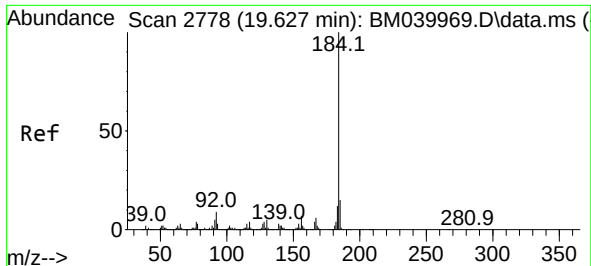
Ion Ratio Lower Upper

240 100

120 11.5 10.1 15.1

236 26.5 21.3 31.9

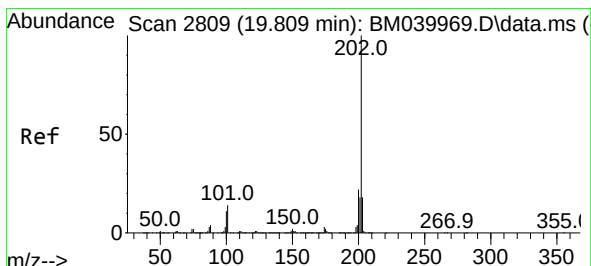
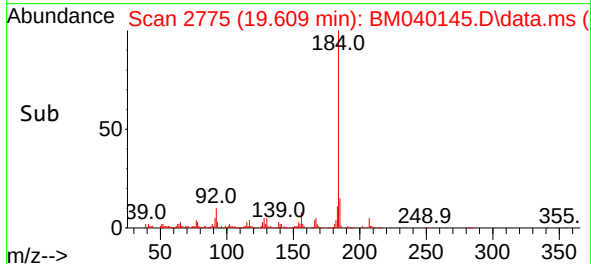
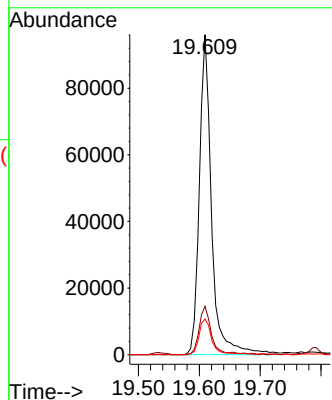
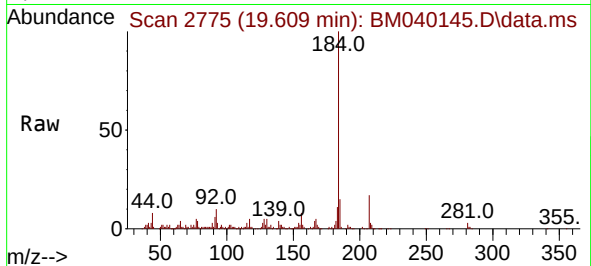




#77
Benzidine
Concen: 4.663 ng
RT: 19.609 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM040145.D
Acq: 07 Jun 2023 17:21

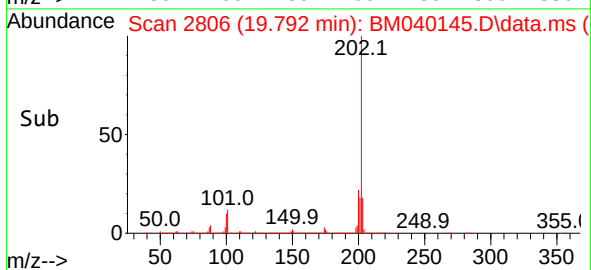
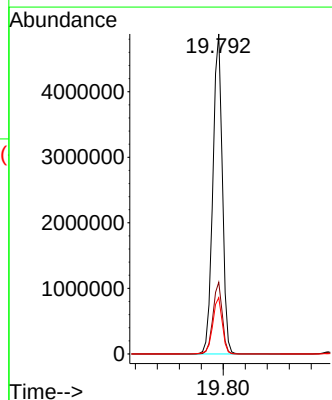
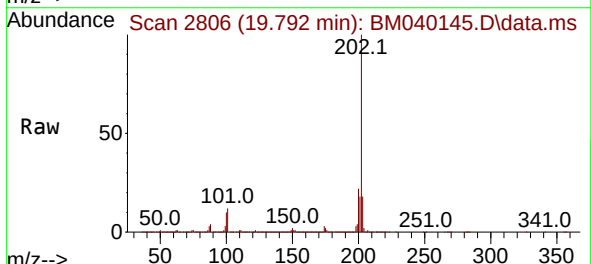
Instrument :
BNA_M
ClientSampleId :
PL-STONE-0602MSD

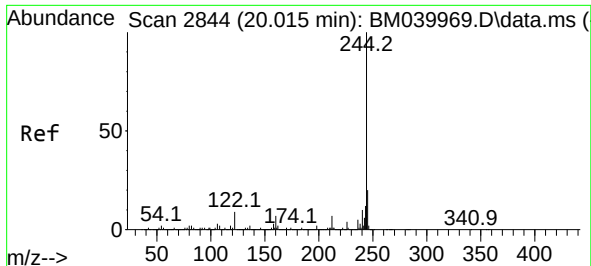
Tgt Ion:184 Resp: 134179
Ion Ratio Lower Upper
184 100
185 15.1 11.9 17.9
183 11.1 9.2 13.8



#78
Pyrene
Concen: 42.950 ng
RT: 19.792 min Scan# 2806
Delta R.T. -0.000 min
Lab File: BM040145.D
Acq: 07 Jun 2023 17:21

Tgt Ion:202 Resp: 5839445
Ion Ratio Lower Upper
202 100
200 22.4 17.6 26.4
203 17.6 14.1 21.1

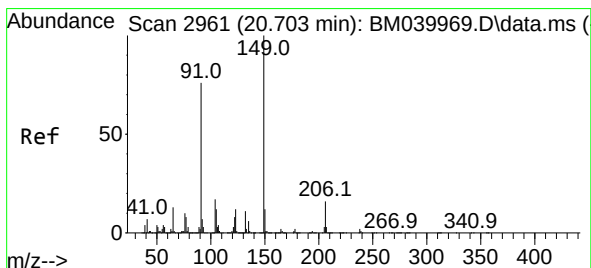
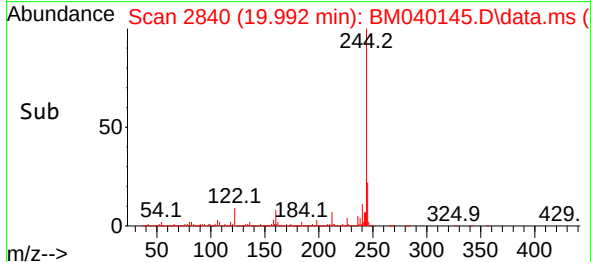
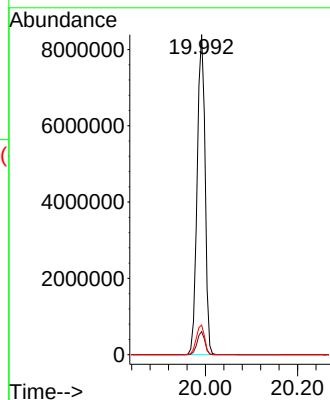
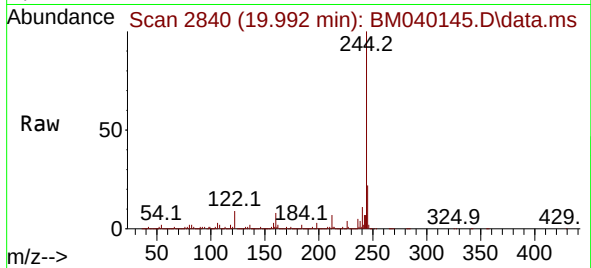




#79
 Terphenyl-d14
 Concen: 83.218 ng
 RT: 19.992 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BM040145.D
 Acq: 07 Jun 2023 17:21

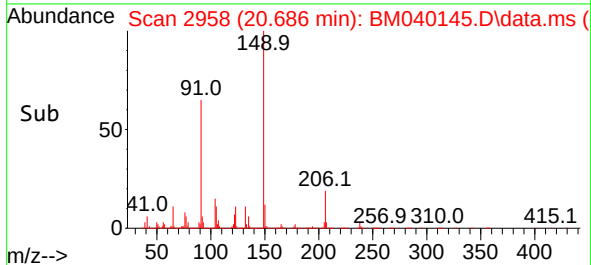
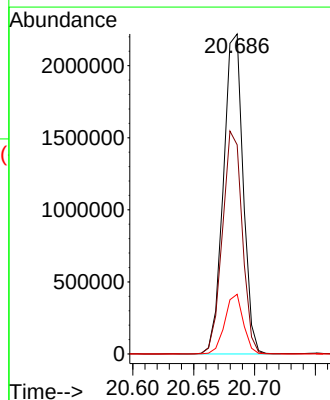
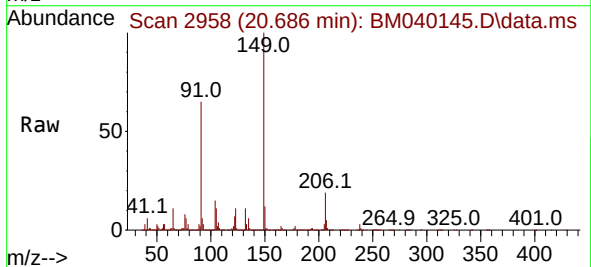
Instrument :
 BNA_M
 ClientSampleId :
 PL-STONE-0602MSD

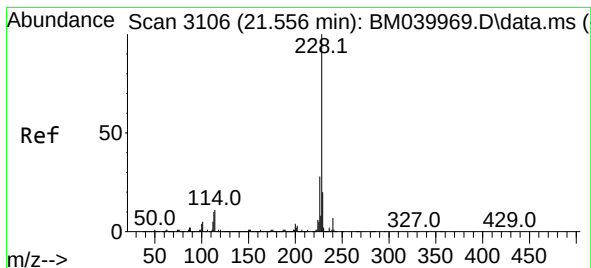
Tgt Ion:244 Resp: 9930327
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.4 8.0
 122 9.3 7.1 10.7



#80
 Butylbenzylphthalate
 Concen: 44.969 ng
 RT: 20.686 min Scan# 2958
 Delta R.T. -0.000 min
 Lab File: BM040145.D
 Acq: 07 Jun 2023 17:21

Tgt Ion:149 Resp: 2495260
 Ion Ratio Lower Upper
 149 100
 91 65.4 61.0 91.4
 206 18.7 12.7 19.1





#81

Benzo(a)anthracene

Concen: 46.231 ng

RT: 21.539 min Scan# 3106

Delta R.T. -0.000 min

Lab File: BM040145.D

Acq: 07 Jun 2023 17:21

Instrument :

BNA_M

ClientSampleId :

PL-STONE-0602MSD

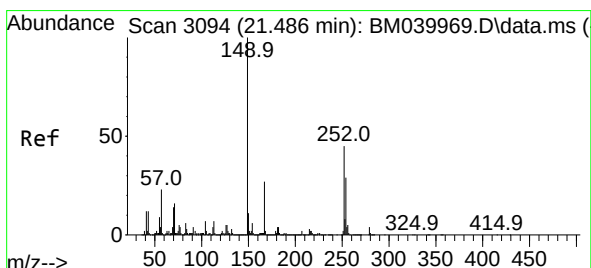
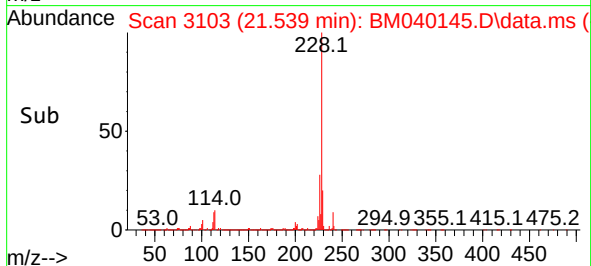
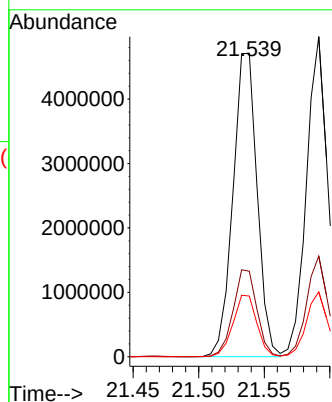
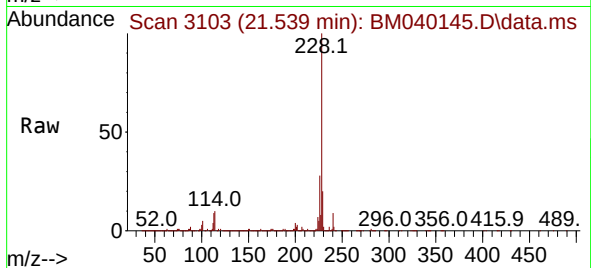
Tgt Ion:228 Resp: 6063822

Ion Ratio Lower Upper

228 100

226 28.2 22.2 33.4

229 20.0 15.8 23.6



#82

3,3'-Dichlorobenzidine

Concen: 20.790 ng

RT: 21.462 min Scan# 3090

Delta R.T. -0.006 min

Lab File: BM040145.D

Acq: 07 Jun 2023 17:21

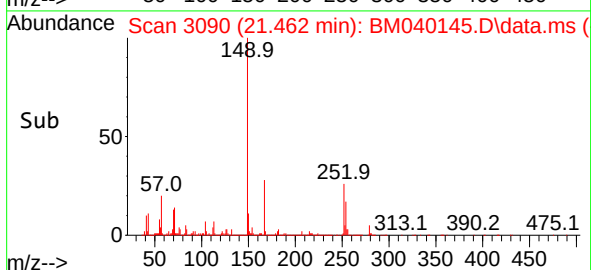
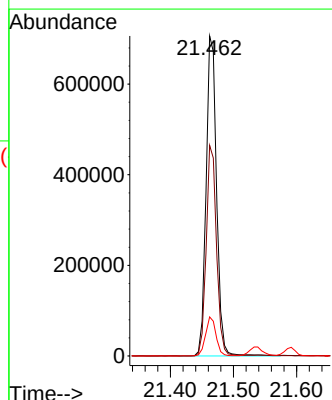
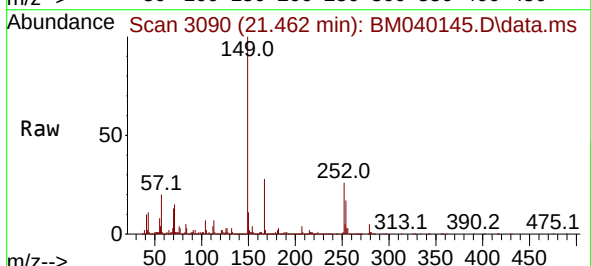
Tgt Ion:252 Resp: 814581

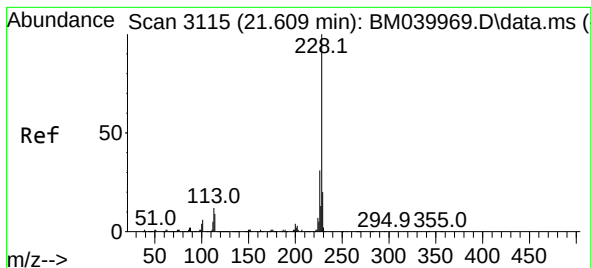
Ion Ratio Lower Upper

252 100

254 65.8 51.8 77.6

126 12.2 8.7 13.1





#83

Chrysene

Concen: 44.379 ng

RT: 21.592 min Scan# 3115

Delta R.T. -0.000 min

Lab File: BM040145.D

Acq: 07 Jun 2023 17:21

Instrument :

BNA_M

ClientSampleId :

PL-STONE-0602MSD

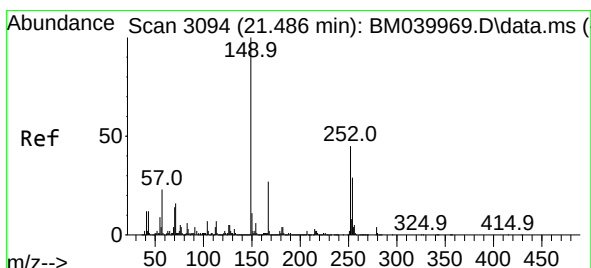
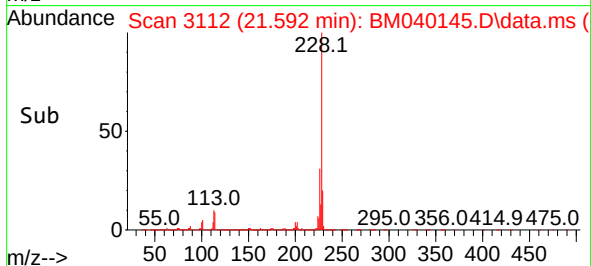
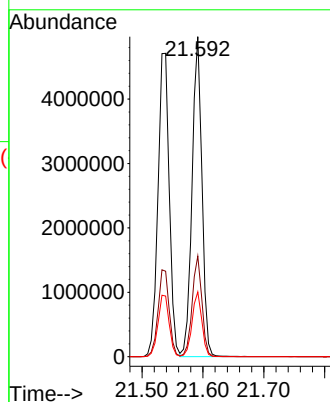
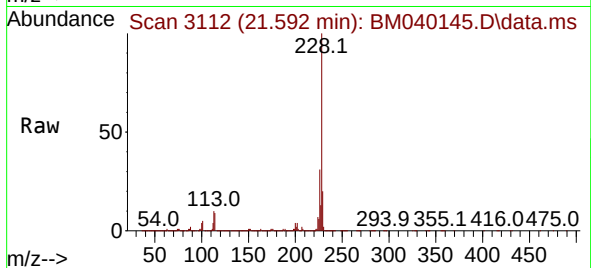
Tgt Ion:228 Resp: 5585072

Ion Ratio Lower Upper

228 100

226 31.5 24.5 36.7

229 20.2 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.233 ng

RT: 21.456 min Scan# 3089

Delta R.T. -0.006 min

Lab File: BM040145.D

Acq: 07 Jun 2023 17:21

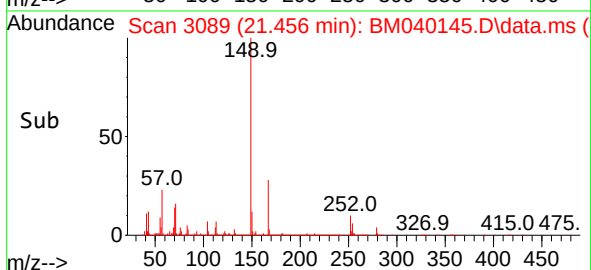
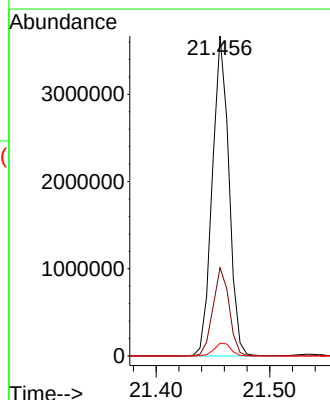
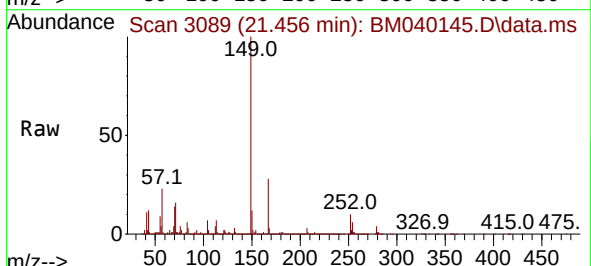
Tgt Ion:149 Resp: 3720895

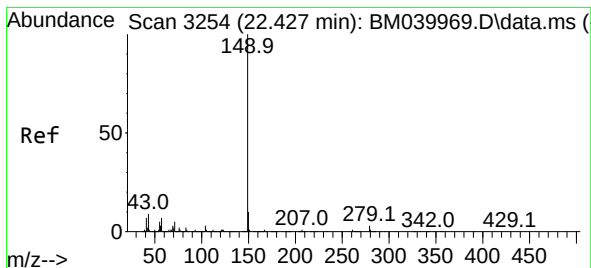
Ion Ratio Lower Upper

149 100

167 27.6 21.4 32.2

279 4.0 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 46.581 ng

RT: 22.397 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM040145.D

Acq: 07 Jun 2023 17:21

Instrument :

BNA_M

ClientSampleId :

PL-STONE-0602MSD

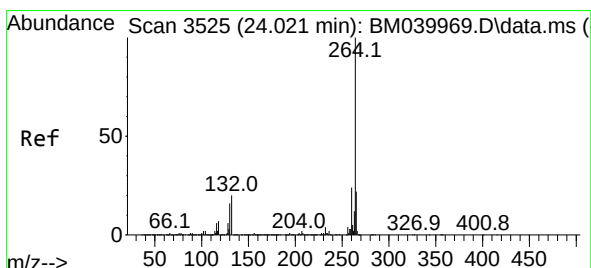
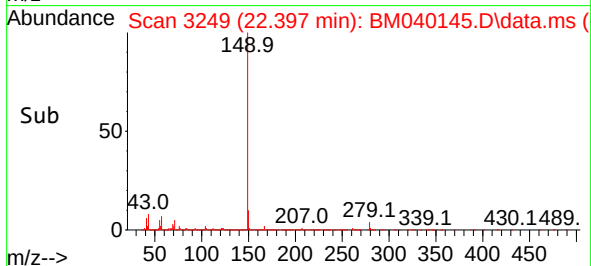
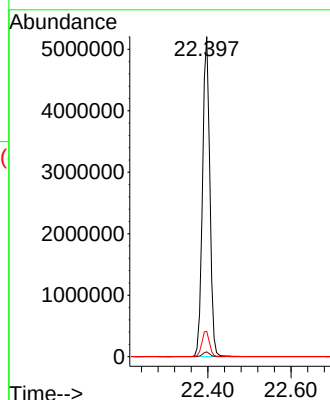
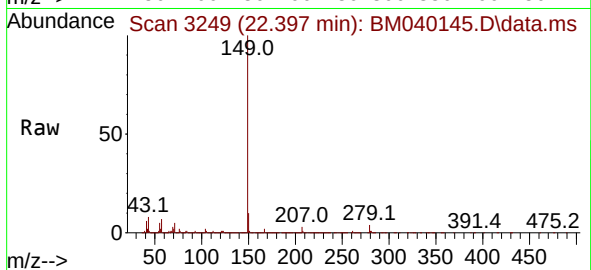
Tgt Ion:149 Resp: 6341289

Ion Ratio Lower Upper

149 100

167 1.5 1.1 1.7

43 8.4 7.4 11.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.991 min Scan# 3520

Delta R.T. -0.000 min

Lab File: BM040145.D

Acq: 07 Jun 2023 17:21

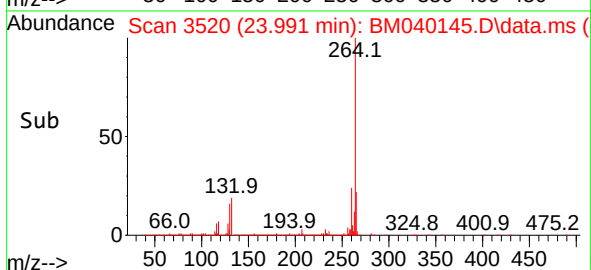
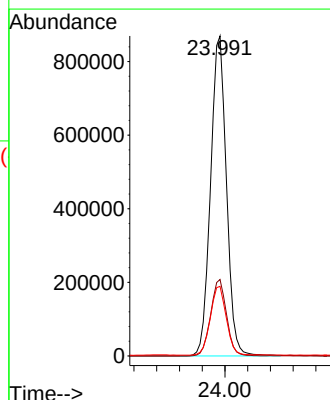
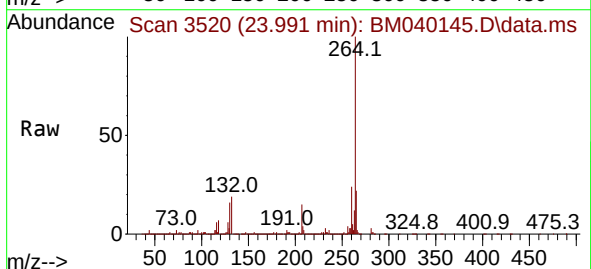
Tgt Ion:264 Resp: 1682238

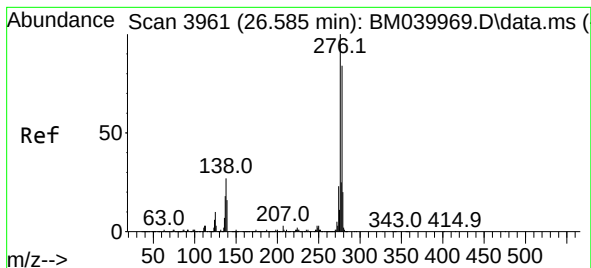
Ion Ratio Lower Upper

264 100

260 23.9 19.5 29.3

265 21.8 17.7 26.5





#87

Indeno(1,2,3-cd)pyrene

Concen: 42.039 ng

RT: 26.538 min Scan# 3953

Delta R.T. -0.006 min

Lab File: BM040145.D

Acq: 07 Jun 2023 17:21

Instrument :

BNA_M

ClientSampleId :

PL-STONE-0602MSD

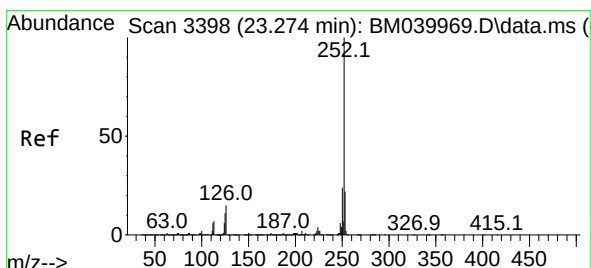
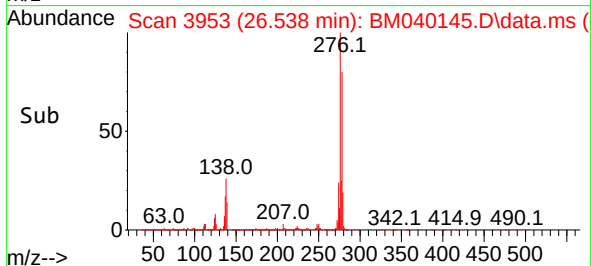
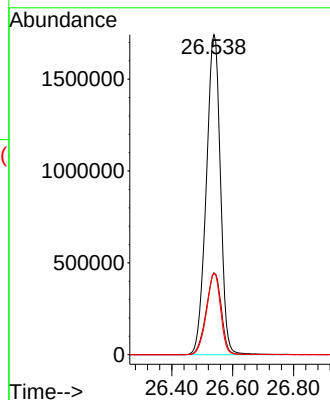
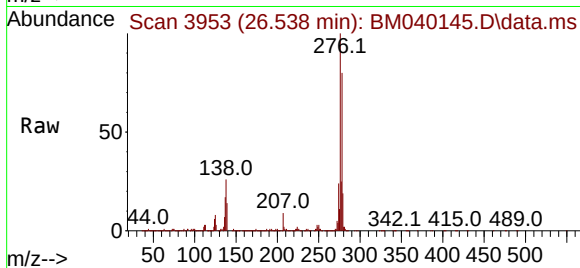
Tgt Ion:276 Resp: 5623945

Ion Ratio Lower Upper

276 100

138 27.4 23.2 34.8

277 25.3 20.2 30.4



#88

Benzo(b)fluoranthene

Concen: 52.979 ng

RT: 23.250 min Scan# 3394

Delta R.T. -0.000 min

Lab File: BM040145.D

Acq: 07 Jun 2023 17:21

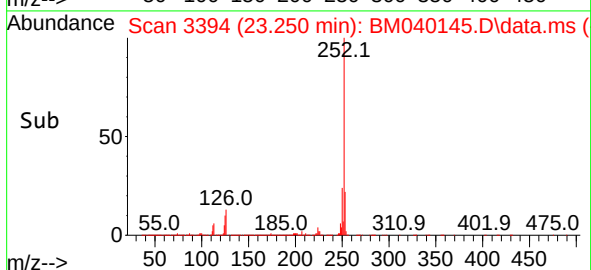
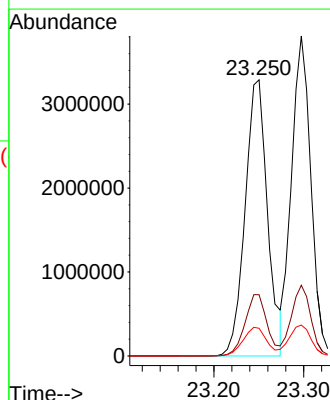
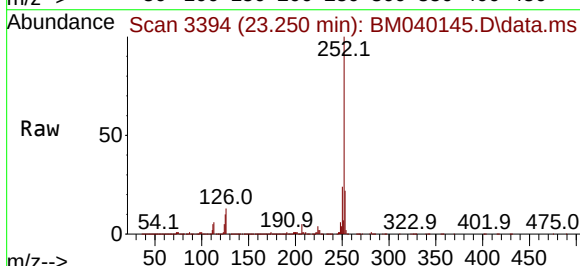
Tgt Ion:252 Resp: 5706002

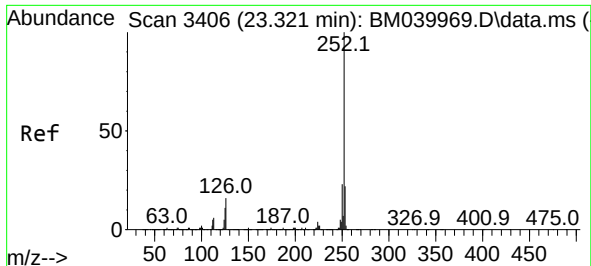
Ion Ratio Lower Upper

252 100

253 22.2 17.6 26.4

125 10.0 8.9 13.3

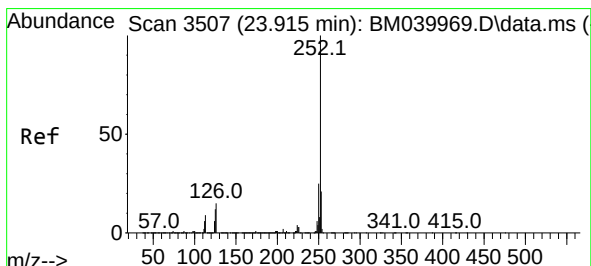
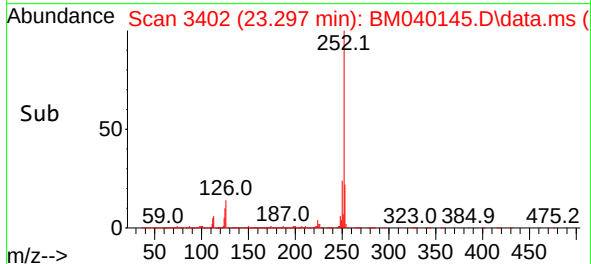
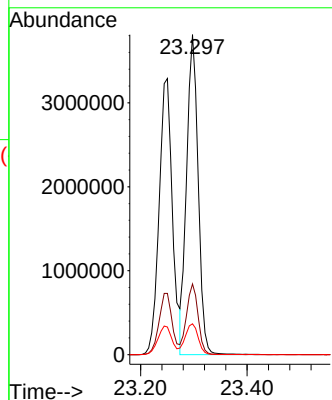
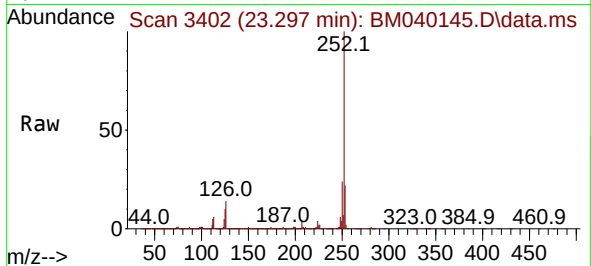




#89
Benzo(k)fluoranthene
Concen: 48.660 ng
RT: 23.297 min Scan# 3406
Delta R.T. -0.006 min
Lab File: BM040145.D
Acq: 07 Jun 2023 17:21

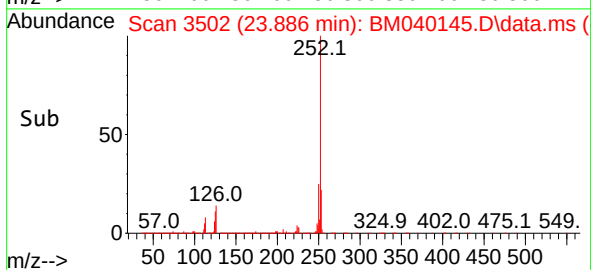
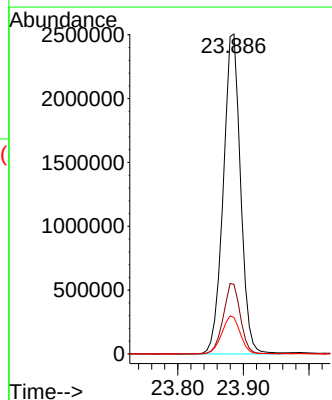
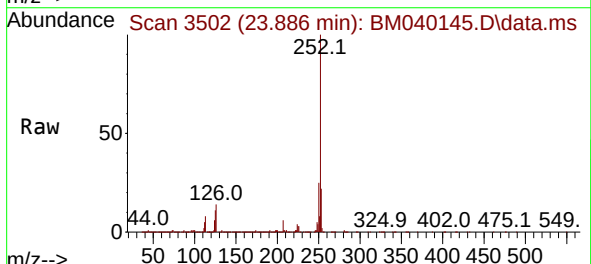
Instrument :
BNA_M
ClientSampleId :
PL-STONE-0602MSD

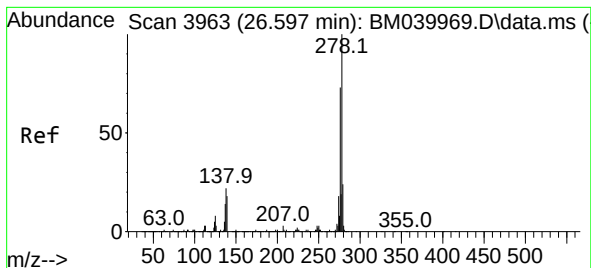
Tgt Ion:252 Resp: 5730737
Ion Ratio Lower Upper
252 100
253 22.1 17.4 26.0
125 9.7 9.0 13.4



#90
Benzo(a)pyrene
Concen: 44.190 ng
RT: 23.886 min Scan# 3502
Delta R.T. -0.000 min
Lab File: BM040145.D
Acq: 07 Jun 2023 17:21

Tgt Ion:252 Resp: 4564347
Ion Ratio Lower Upper
252 100
253 21.8 17.0 25.4
125 11.4 9.6 14.4





#91

Dibenzo(a,h)anthracene

Concen: 42.247 ng

RT: 26.550 min Scan# 3963

Delta R.T. -0.006 min

Lab File: BM040145.D

Acq: 07 Jun 2023 17:21

Instrument :

BNA_M

ClientSampleId :

PL-STONE-0602MSD

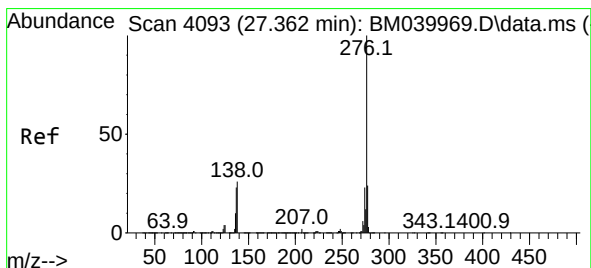
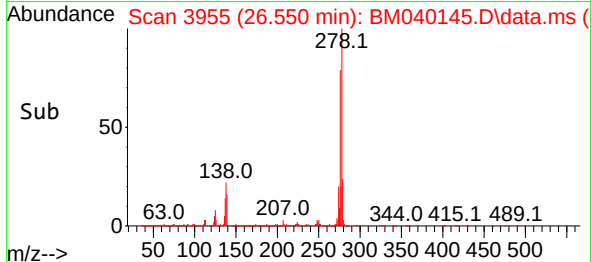
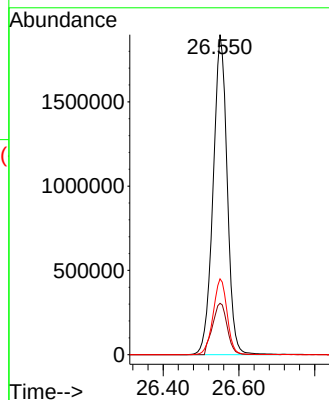
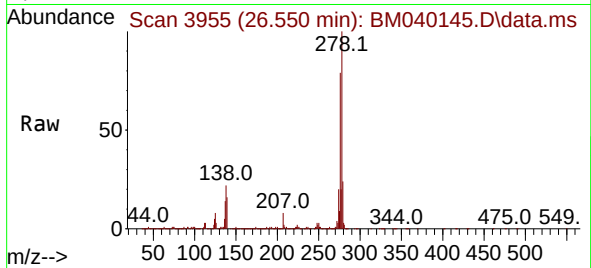
Tgt Ion:278 Resp: 4879373

Ion Ratio Lower Upper

278 100

139 16.1 14.0 21.0

279 23.7 19.0 28.4



#92

Benzo(g,h,i)perylene

Concen: 38.619 ng

RT: 27.321 min Scan# 4086

Delta R.T. -0.000 min

Lab File: BM040145.D

Acq: 07 Jun 2023 17:21

Tgt Ion:276 Resp: 3942129

Ion Ratio Lower Upper

276 100

277 23.5 19.1 28.7

138 24.3 20.6 31.0

