

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM033123\
 Data File : BM039270.D
 Acq On : 01 Apr 2023 01:33
 Operator : CG/JU
 Sample : 02136-01MSD 2X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SU-03-033023MSD

Quant Time: Apr 01 05:24:07 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 31 17:03:41 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.922	152	276604	20.000	ng	0.00
21) Naphthalene-d8	10.733	136	1135898	20.000	ng	0.00
39) Acenaphthene-d10	14.569	164	668036	20.000	ng	0.00
64) Phenanthrene-d10	17.315	188	1344319	20.000	ng	0.00
76) Chrysene-d12	21.503	240	1114807	20.000	ng	0.00
86) Perylene-d12	23.921	264	1275790	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	715236	38.957	ng	0.00
7) Phenol-d6	7.093	99	948476	39.942	ng	0.00
23) Nitrobenzene-d5	9.092	82	585369	25.047	ng	0.00
42) 2,4,6-Tribromophenol	16.063	330	330997	39.032	ng	0.00
45) 2-Fluorobiphenyl	13.192	172	1286700	26.097	ng	0.00
79) Terphenyl-d14	19.939	244	1776024	29.434	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.346	88	114262	15.226	ng	99
3) Pyridine	3.757	79	311430	14.814	ng	99
4) n-Nitrosodimethylamine	3.669	42	148410	17.975	ng	# 95
6) Aniline	7.245	93	419594	14.277	ng	99
8) 2-Chlorophenol	7.487	128	392771	20.902	ng	98
9) Benzaldehyde	7.057	77	241534	17.860	ng	98
10) Phenol	7.116	94	505062	21.223	ng	100
11) bis(2-Chloroethyl)ether	7.345	93	397206	20.748	ng	97
12) 1,3-Dichlorobenzene	7.810	146	420573	21.104	ng	99
13) 1,4-Dichlorobenzene	7.957	146	426891	21.185	ng	98
14) 1,2-Dichlorobenzene	8.275	146	411050	21.333	ng	99
15) Benzyl Alcohol	8.169	79	341236	20.893	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.457	45	507494	20.725	ng	100
17) 2-Methylphenol	8.375	107	331209	19.893	ng	99
18) Hexachloroethane	8.998	117	136882	17.561	ng	96
19) n-Nitroso-di-n-propyla...	8.734	70	296094	19.506	ng	99
20) 3+4-Methylphenols	8.704	107	446808	19.971	ng	99
22) Acetophenone	8.751	105	603421	19.868	ng	# 99
24) Nitrobenzene	9.134	77	440229	18.938	ng	99
25) Isophorone	9.657	82	820175	18.811	ng	99
26) 2-Nitrophenol	9.845	139	182050	16.941	ng	98
27) 2,4-Dimethylphenol	9.910	122	370906	20.774	ng	99
28) bis(2-Chloroethoxy)met...	10.145	93	514773	19.504	ng	100
29) 2,4-Dichlorophenol	10.386	162	363538	20.869	ng	99
30) 1,2,4-Trichlorobenzene	10.598	180	389861	20.919	ng	97
31) Naphthalene	10.781	128	1286003	21.011	ng	100
32) Benzoic acid	10.039	122	267211	19.202	ng	99
33) 4-Chloroaniline	10.898	127	360420	13.441	ng	99
34) Hexachlorobutadiene	11.063	225	226196	20.641	ng	99
35) Caprolactam	11.686	113	115897	19.161	ng	95
36) 4-Chloro-3-methylphenol	12.028	107	389704	20.276	ng	99
37) 2-Methylnaphthalene	12.392	142	882348	20.708	ng	99
38) 1-Methylnaphthalene	12.610	142	830205	20.809	ng	99
40) 1,2,4,5-Tetrachloroben...	12.763	216	432934	21.286	ng	99
41) Hexachlorocyclopentadiene	12.733	237	43712	3.934	ng	98
43) 2,4,6-Trichlorophenol	13.004	196	287963	20.760	ng	98

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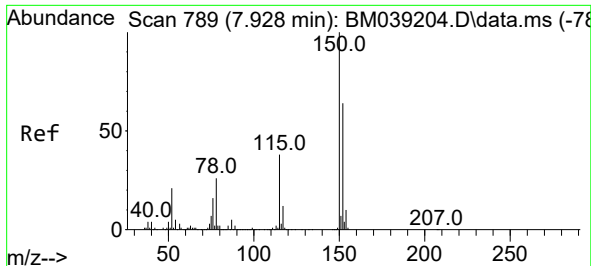
Quant Time: Apr 01 05:24:07 2023
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 QLast Update : Fri Mar 31 17:03:41 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.080	196	309654	19.042	ng	98
46) 1,1'-Biphenyl	13.404	154	1109108	21.024	ng	100
47) 2-Chloronaphthalene	13.445	162	828686	20.747	ng	99
48) 2-Nitroaniline	13.657	65	275195	20.473	ng	97
49) Acenaphthylene	14.292	152	1877504	28.599	ng	99
50) Dimethylphthalate	14.027	163	974977	18.938	ng	100
51) 2,6-Dinitrotoluene	14.151	165	194854	17.600	ng	100
52) Acenaphthene	14.633	154	900549	23.231	ng	99
53) 3-Nitroaniline	14.480	138	232677	18.179	ng	96
54) 2,4-Dinitrophenol	14.698	184	14768	2.252	ng	# 74
55) Dibenzofuran	14.969	168	1424968	22.833	ng	99
56) 4-Nitrophenol	14.798	139	404767	41.012	ng	97
57) 2,4-Dinitrotoluene	14.939	165	256600	17.133	ng	95
58) Fluorene	15.616	166	1286084	26.024	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.198	232	265965	20.559	ng	99
60) Diethylphthalate	15.386	149	1001331	19.323	ng	99
61) 4-Chlorophenyl-phenyle...	15.610	204	481737	19.669	ng	100
62) 4-Nitroaniline	15.639	138	263723	20.079	ng	99
63) Azobenzene	15.904	77	1127486	21.717	ng	96
66) n-Nitrosodiphenylamine	15.827	169	834239	19.693	ng	98
67) 4-Bromophenyl-phenylether	16.504	248	289692	20.178	ng	97
68) Hexachlorobenzene	16.621	284	325808	20.930	ng	98
69) Atrazine	16.780	200	283863	21.157	ng	98
70) Pentachlorophenol	16.968	266	415889	37.238	ng	99
71) Phenanthrene	17.362	178	4815410	65.403	ng	100
72) Anthracene	17.451	178	2744508	36.557	ng	99
73) Carbazole	17.727	167	1789372	25.507	ng	99
74) Di-n-butylphthalate	18.286	149	1845810	21.271	ng	100
75) Fluoranthene	19.380	202	6078996	72.431	ng	98
77) Benzidine	19.574	184	681491	23.176	ng	99
78) Pyrene	19.745	202	5768531	72.686	ng	100
80) Butylbenzylphthalate	20.633	149	803162	22.090	ng	99
81) Benzo(a)anthracene	21.486	228	3797745	48.303	ng	97
82) 3,3'-Dichlorobenzidine	21.421	252	548554	20.944	ng	100
83) Chrysene	21.539	228	3457037	45.547	ng	98
84) Bis(2-ethylhexyl)phtha...	21.403	149	1157086	21.548	ng	100
85) Di-n-octyl phthalate	22.333	149	2005087	20.725	ng	99
87) Indeno(1,2,3-cd)pyrene	26.444	276	3223314	34.291	ng	98
88) Benzo(b)fluoranthene	23.186	252	4201691	53.824	ng	98
89) Benzo(k)fluoranthene	23.233	252	2527026	31.781	ng	98
90) Benzo(a)pyrene	23.821	252	3442616	44.892	ng	99
91) Dibenzo(a,h)anthracene	26.456	278	1940586	24.586	ng	97
92) Benzo(g,h,i)perylene	27.227	276	2877076	37.065	ng	99

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

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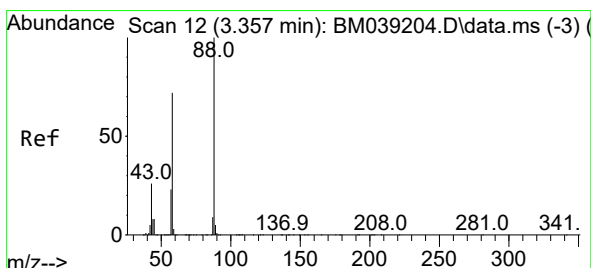
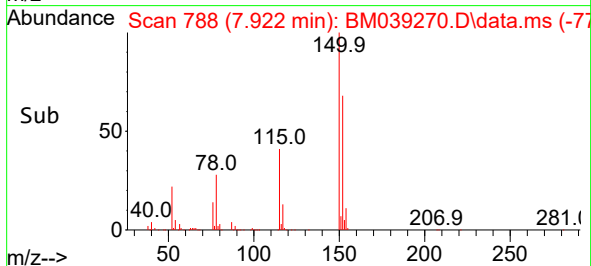
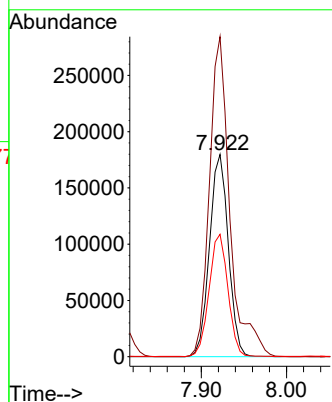
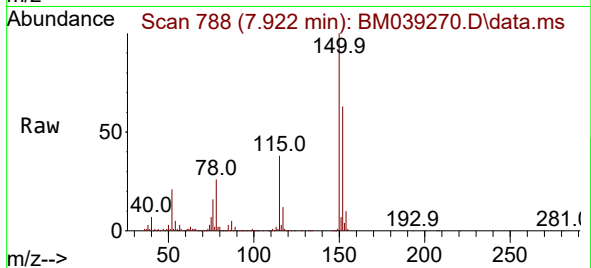




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.922 min Scan# 7
 Delta R.T. 0.006 min
 Lab File: BM039270.D
 Acq: 01 Apr 2023 01:33

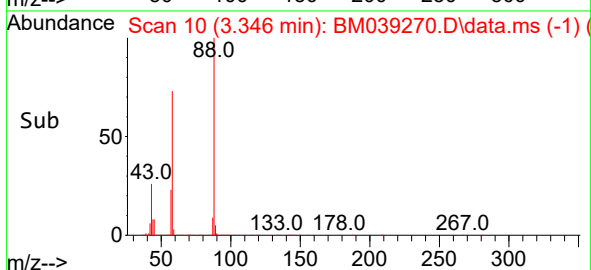
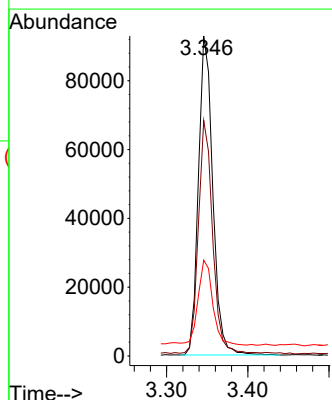
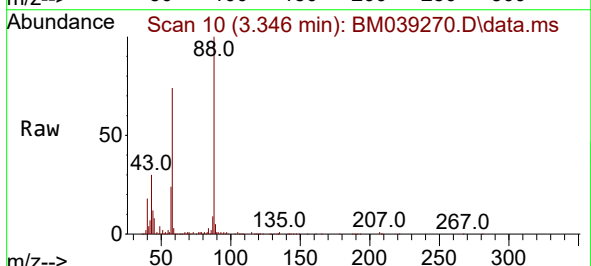
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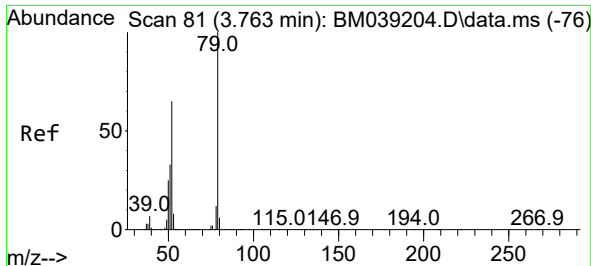
Tgt Ion:152 Resp: 276604
 Ion Ratio Lower Upper
 152 100
 150 158.2 125.5 188.3
 115 60.6 48.1 72.1



#2
 1,4-Dioxane
 Concen: 15.226 ng
 RT: 3.346 min Scan# 10
 Delta R.T. -0.000 min
 Lab File: BM039270.D
 Acq: 01 Apr 2023 01:33

Tgt Ion: 88 Resp: 114262
 Ion Ratio Lower Upper
 88 100
 58 71.7 57.9 86.9
 43 27.1 21.4 32.2

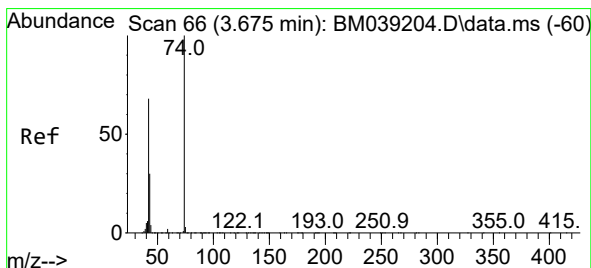
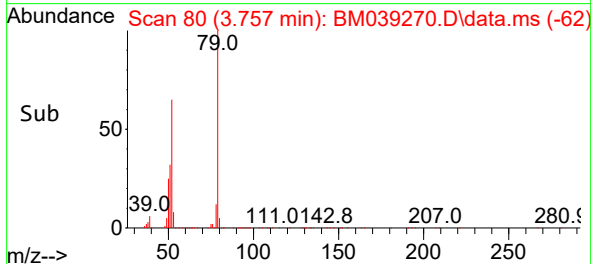
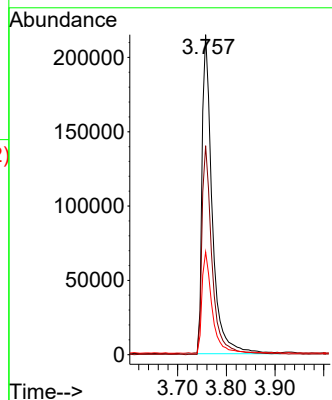
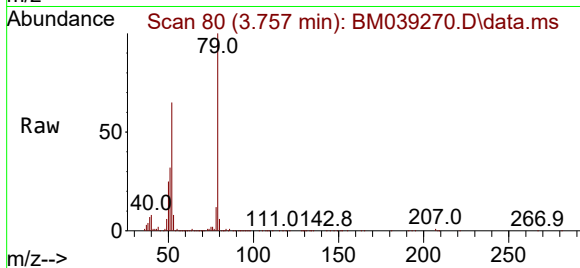




#3
 Pyridine
 Concen: 14.814 ng
 RT: 3.757 min Scan# 80
 Delta R.T. 0.006 min
 Lab File: BM039270.D
 Acq: 01 Apr 2023 01:33

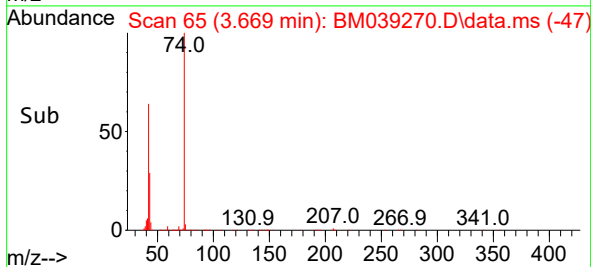
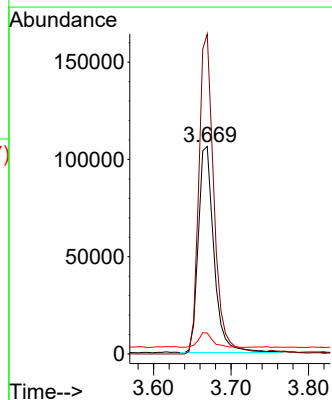
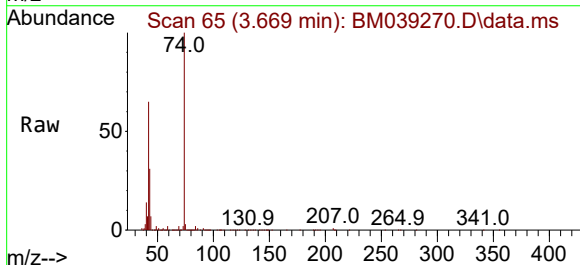
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 ClientSampleId :
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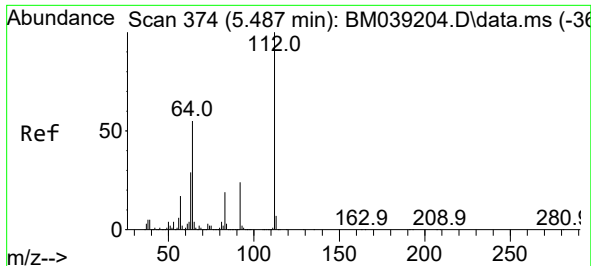
Tgt Ion: 79 Resp: 311430
 Ion Ratio Lower Upper
 79 100
 52 65.3 52.0 78.0
 51 32.1 26.4 39.6



#4
 n-Nitrosodimethylamine
 Concen: 17.975 ng
 RT: 3.669 min Scan# 65
 Delta R.T. 0.006 min
 Lab File: BM039270.D
 Acq: 01 Apr 2023 01:33

Tgt Ion: 42 Resp: 148410
 Ion Ratio Lower Upper
 42 100
 74 154.2 118.1 177.1
 44 10.1 6.3 9.5

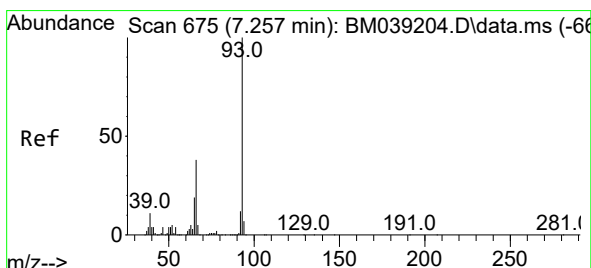
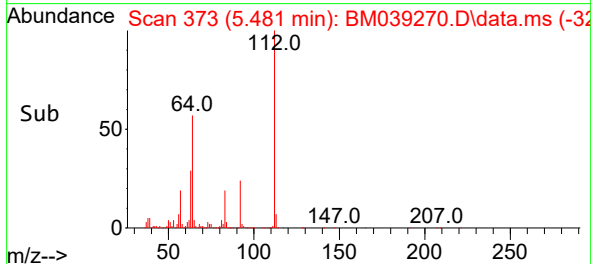
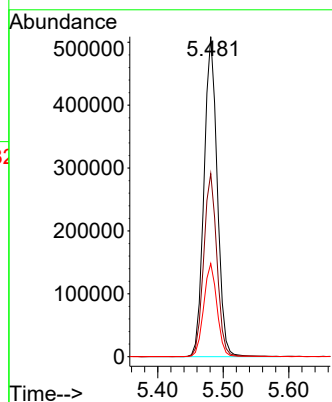
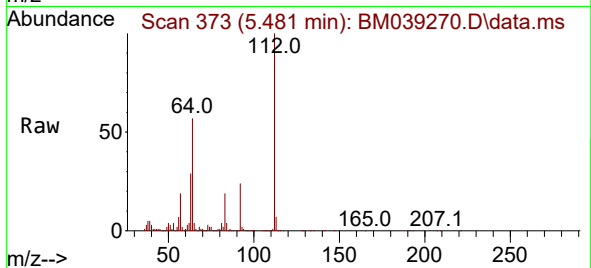




#5
2-Fluorophenol
Concen: 38.957 ng
RT: 5.481 min Scan# 31
Delta R.T. 0.006 min
Lab File: BM039270.D
Acq: 01 Apr 2023 01:33

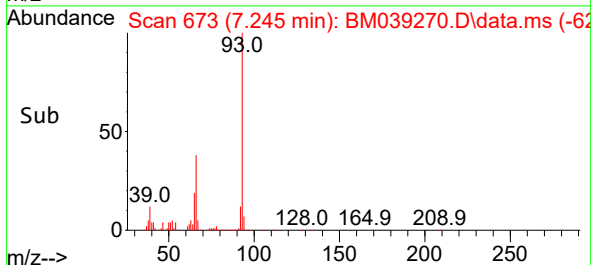
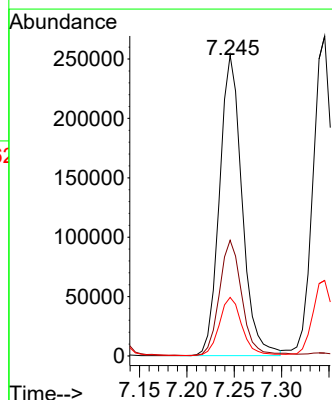
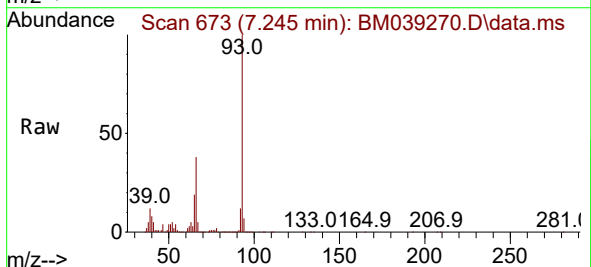
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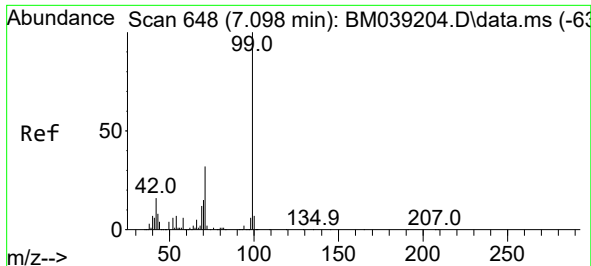
Tgt Ion:112 Resp: 715236
Ion Ratio Lower Upper
112 100
64 57.2 44.3 66.5
63 29.1 23.0 34.6



#6
Aniline
Concen: 14.277 ng
RT: 7.245 min Scan# 673
Delta R.T. -0.000 min
Lab File: BM039270.D
Acq: 01 Apr 2023 01:33

Tgt Ion: 93 Resp: 419594
Ion Ratio Lower Upper
93 100
66 38.4 30.1 45.1
65 19.5 15.5 23.3

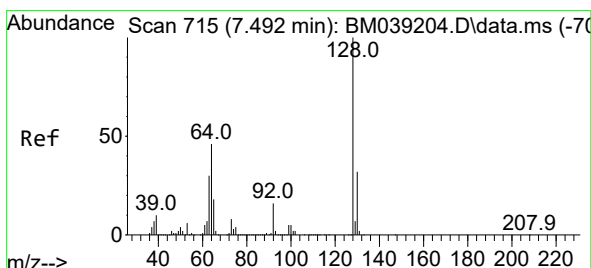
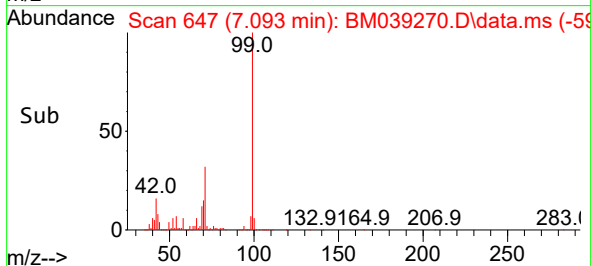
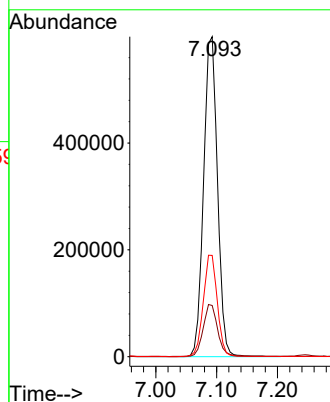
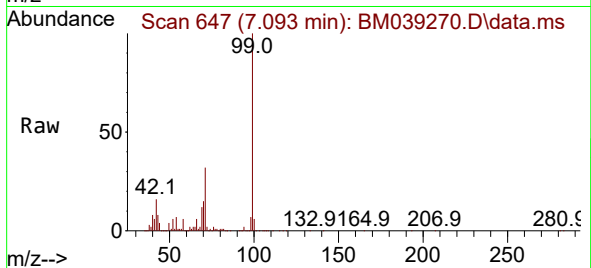




#7
Phenol-d6
Concen: 39.942 ng
RT: 7.093 min Scan# 647
Delta R.T. 0.006 min
Lab File: BM039270.D
Acq: 01 Apr 2023 01:33

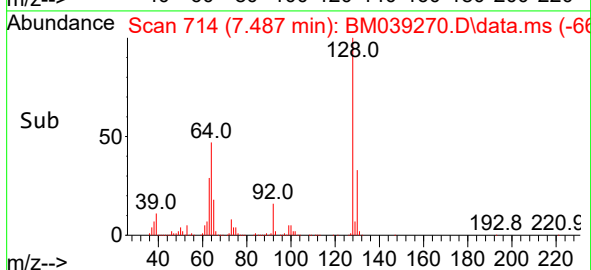
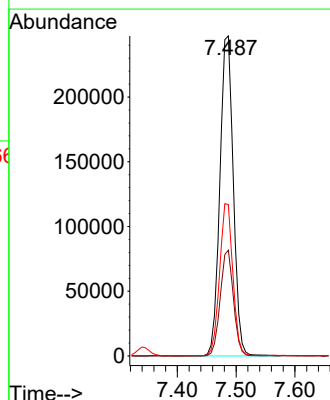
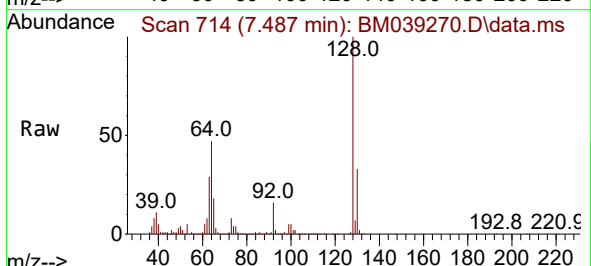
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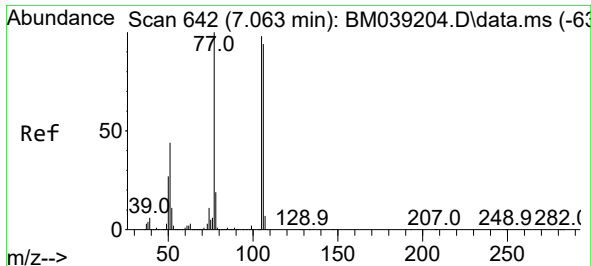
Tgt Ion: 99 Resp: 948476
Ion Ratio Lower Upper
99 100
42 16.0 13.0 19.6
71 31.7 25.5 38.3



#8
2-Chlorophenol
Concen: 20.902 ng
RT: 7.487 min Scan# 714
Delta R.T. 0.006 min
Lab File: BM039270.D
Acq: 01 Apr 2023 01:33

Tgt Ion: 128 Resp: 392771
Ion Ratio Lower Upper
128 100
130 33.1 12.2 52.2
64 47.3 25.9 65.9

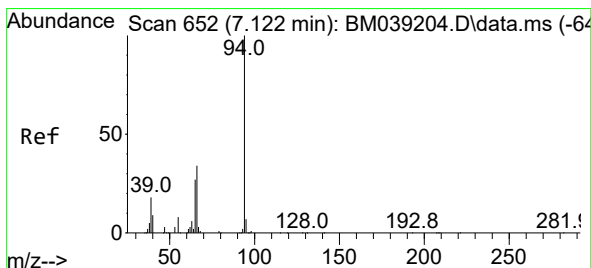
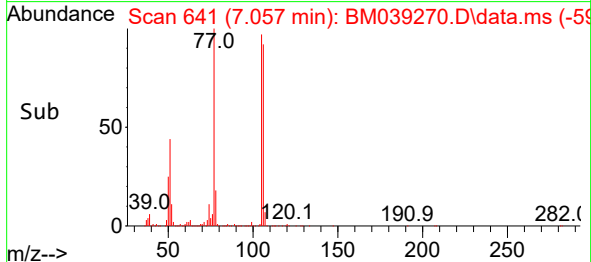
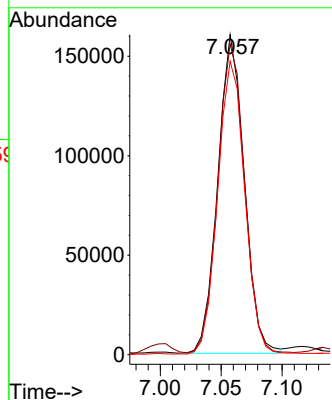
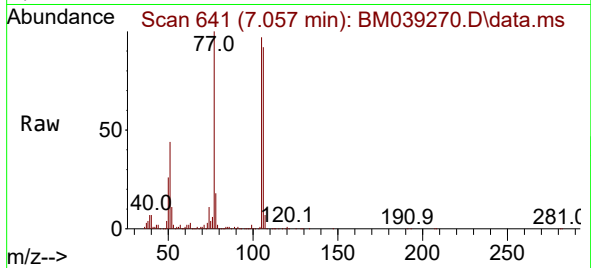




#9
Benzaldehyde
Concen: 17.860 ng
RT: 7.057 min Scan# 641
Delta R.T. -0.000 min
Lab File: BM039270.D
Acq: 01 Apr 2023 01:33

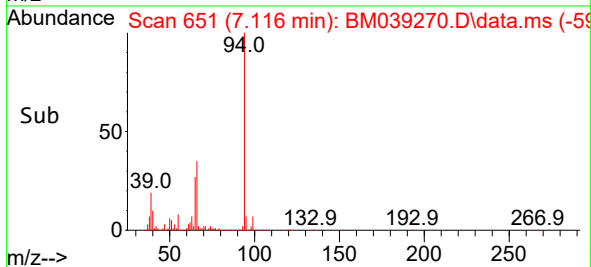
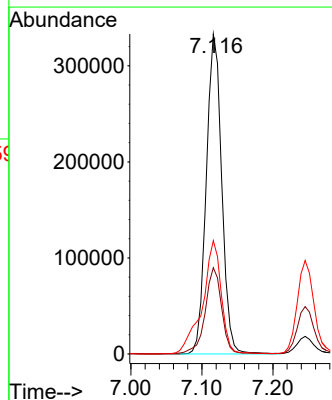
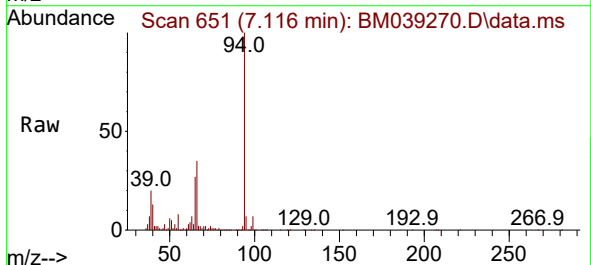
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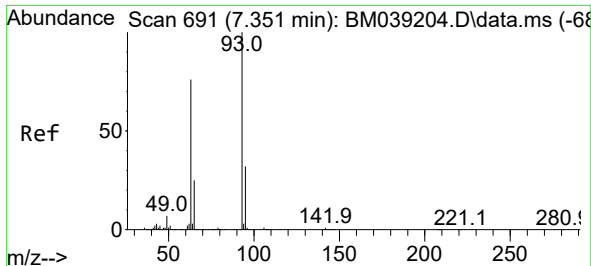
Tgt Ion: 77 Resp: 241534
Ion Ratio Lower Upper
77 100
105 97.1 78.2 118.2
106 91.7 73.8 113.8



#10
Phenol
Concen: 21.223 ng
RT: 7.116 min Scan# 651
Delta R.T. 0.006 min
Lab File: BM039270.D
Acq: 01 Apr 2023 01:33

Tgt Ion: 94 Resp: 505062
Ion Ratio Lower Upper
94 100
65 27.0 7.2 47.2
66 35.4 15.2 55.2

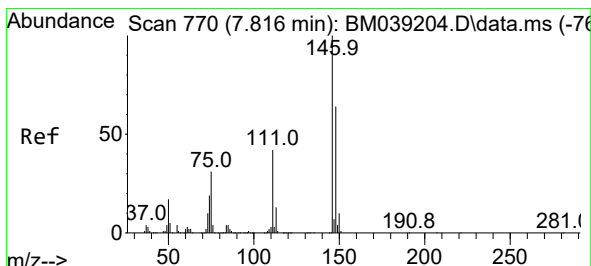
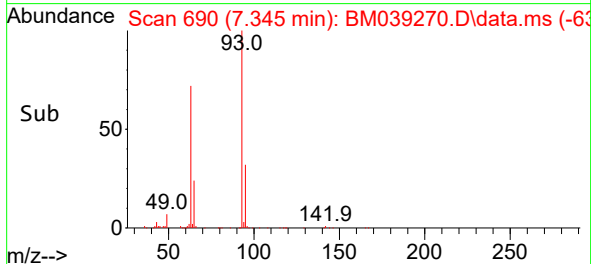
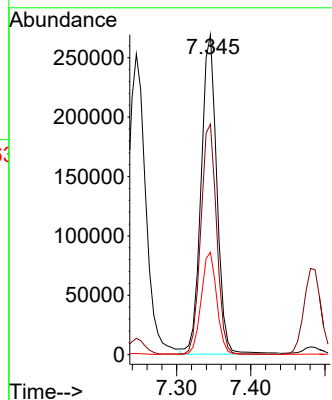
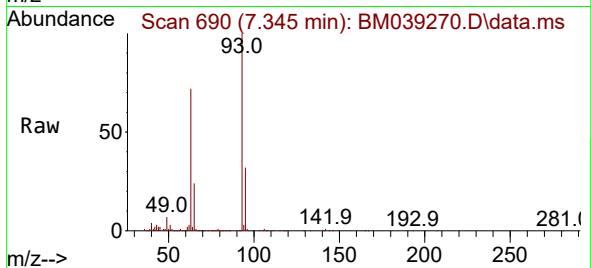




#11
bis(2-Chloroethyl)ether
Concen: 20.748 ng
RT: 7.345 min Scan# 691
Delta R.T. 0.006 min
Lab File: BM039270.D
Acq: 01 Apr 2023 01:33

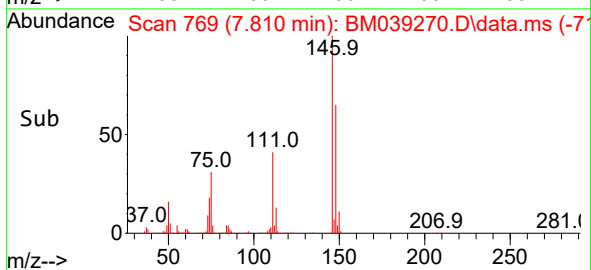
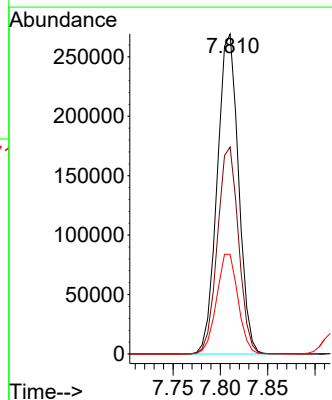
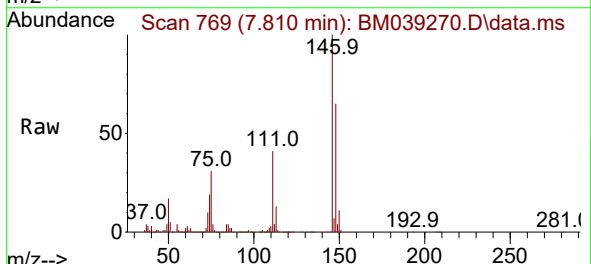
Instrument :
BNA_M
ClientSampleId :
SU-03-033023MSD

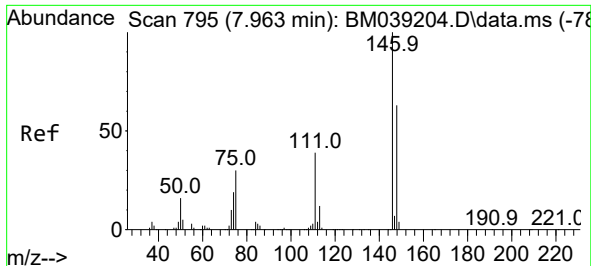
Tgt Ion: 93 Resp: 397206
Ion Ratio Lower Upper
93 100
63 72.1 55.5 95.5
95 32.1 12.2 52.2



#12
1,3-Dichlorobenzene
Concen: 21.104 ng
RT: 7.810 min Scan# 769
Delta R.T. 0.006 min
Lab File: BM039270.D
Acq: 01 Apr 2023 01:33

Tgt Ion: 146 Resp: 420573
Ion Ratio Lower Upper
146 100
148 64.7 51.2 76.8
75 31.1 25.2 37.8

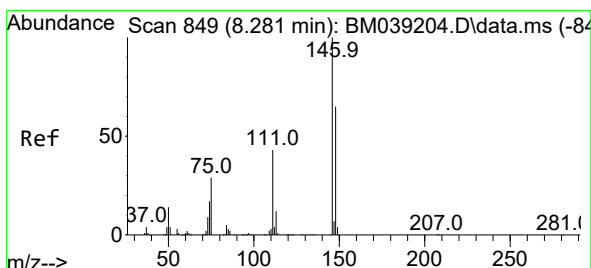
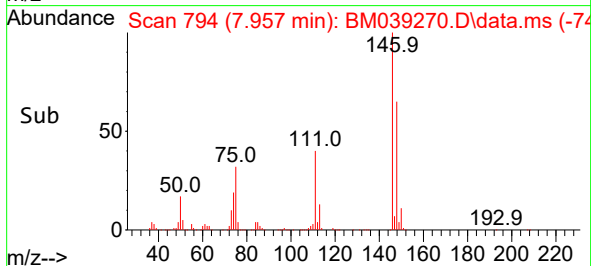
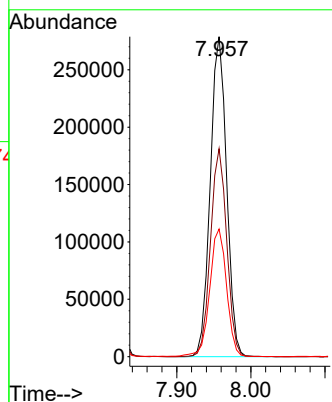
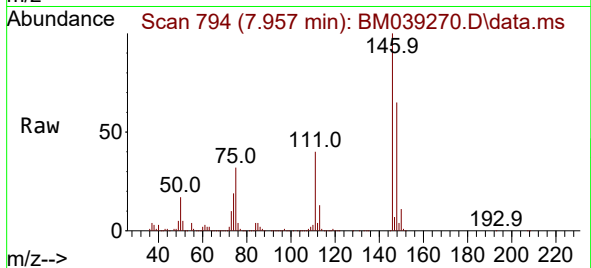




#13
1,4-Dichlorobenzene
Concen: 21.185 ng
RT: 7.957 min Scan# 795
Delta R.T. 0.006 min
Lab File: BM039270.D
Acq: 01 Apr 2023 01:33

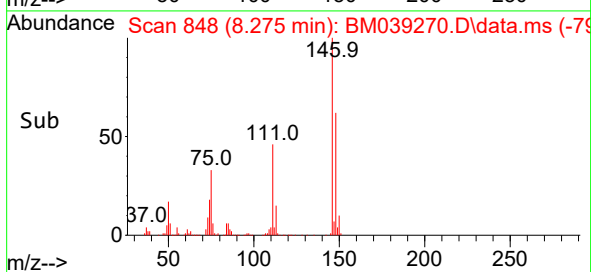
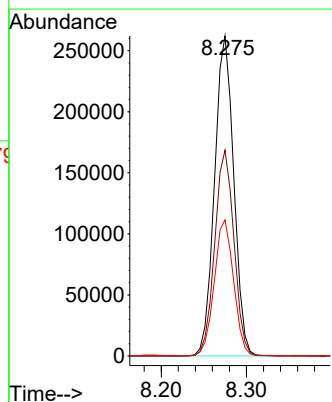
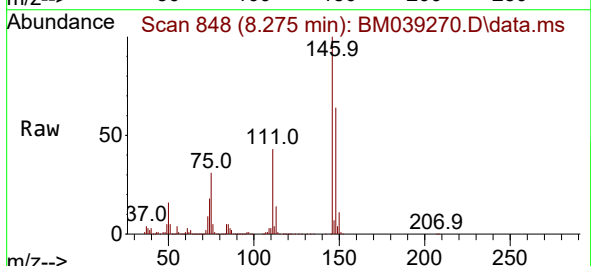
Instrument :
BNA_M
ClientSampleId :
SU-03-033023MSD

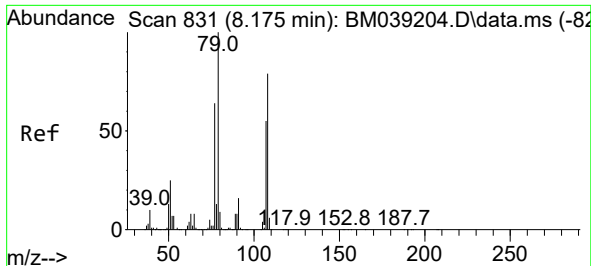
Tgt Ion:146 Resp: 426891
Ion Ratio Lower Upper
146 100
148 65.0 50.8 76.2
111 39.9 31.5 47.3



#14
1,2-Dichlorobenzene
Concen: 21.333 ng
RT: 8.275 min Scan# 848
Delta R.T. 0.006 min
Lab File: BM039270.D
Acq: 01 Apr 2023 01:33

Tgt Ion:146 Resp: 411050
Ion Ratio Lower Upper
146 100
148 64.3 52.1 78.1
111 42.6 34.5 51.7

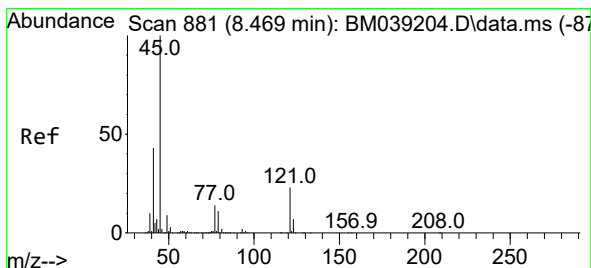
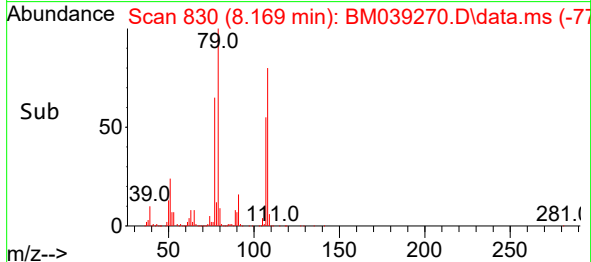
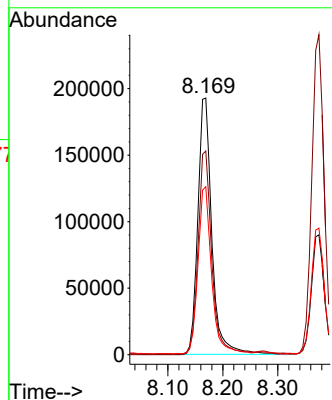
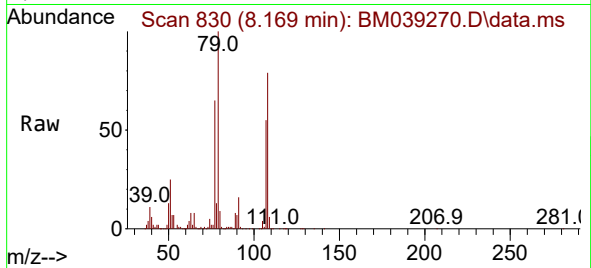




#15
Benzyl Alcohol
Concen: 20.893 ng
RT: 8.169 min Scan# 811
Delta R.T. 0.006 min
Lab File: BM039270.D
Acq: 01 Apr 2023 01:33

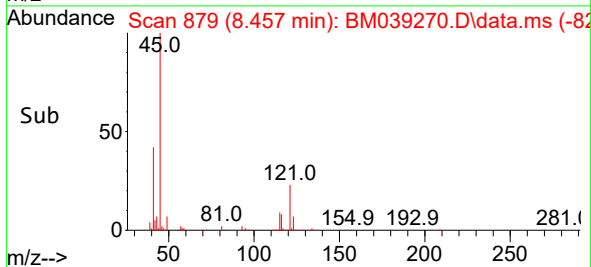
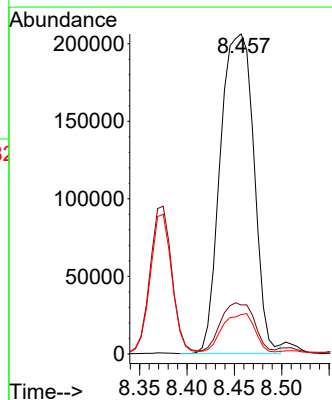
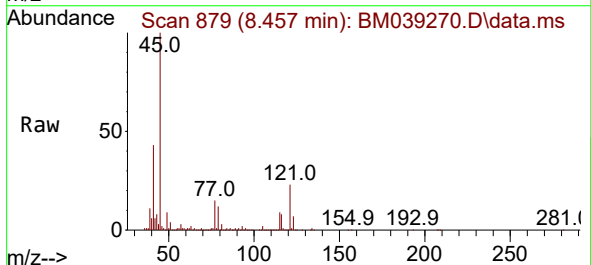
Instrument :
BNA_M
ClientSampleId :
SU-03-033023MSD

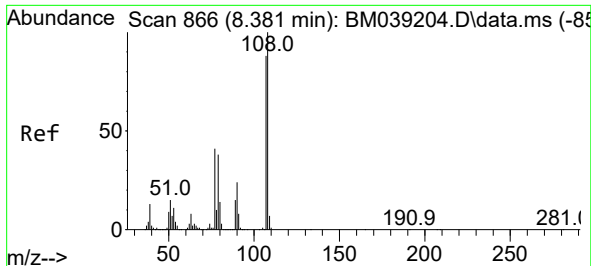
Tgt Ion: 79 Resp: 341236
Ion Ratio Lower Upper
79 100
108 79.4 63.4 95.0
77 65.5 51.5 77.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 20.725 ng
RT: 8.457 min Scan# 879
Delta R.T. -0.000 min
Lab File: BM039270.D
Acq: 01 Apr 2023 01:33

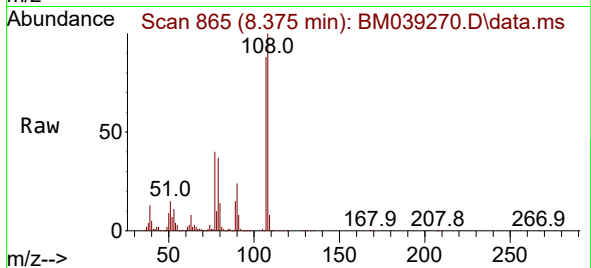
Tgt Ion: 45 Resp: 507494
Ion Ratio Lower Upper
45 100
77 15.3 0.0 35.1
79 12.3 0.0 32.2



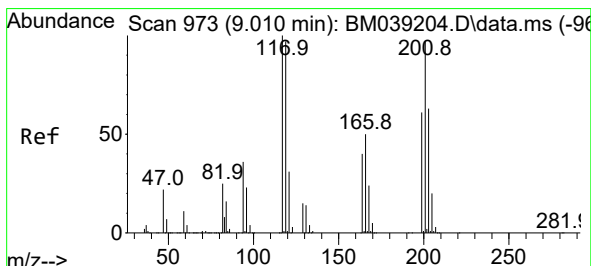
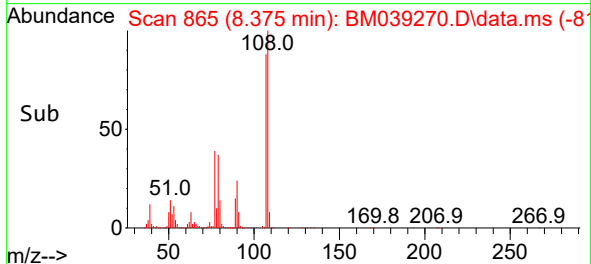
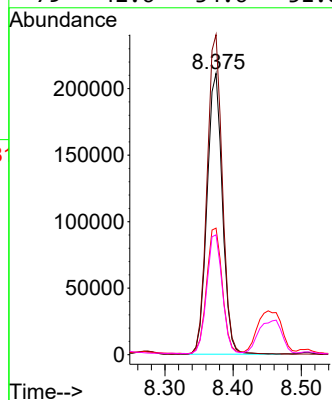


#17
2-Methylphenol
Concen: 19.893 ng
RT: 8.375 min Scan# 865
Delta R.T. 0.006 min
Lab File: BM039270.D
Acq: 01 Apr 2023 01:33

Instrument :
BNA_M
ClientSampleId :
SU-03-033023MSD

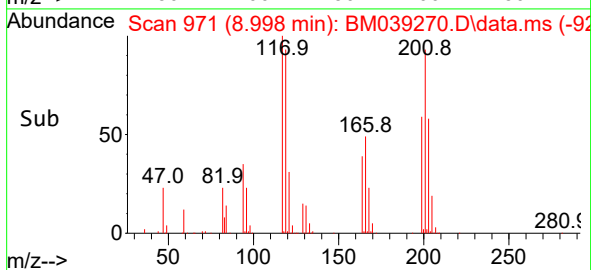
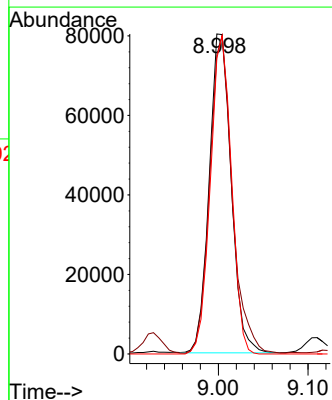
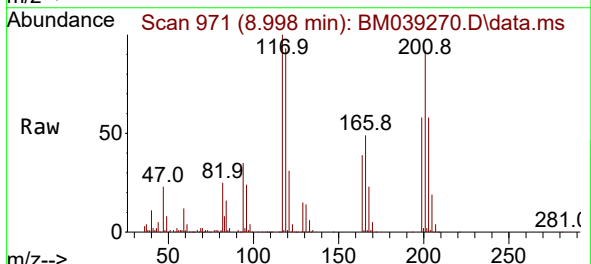


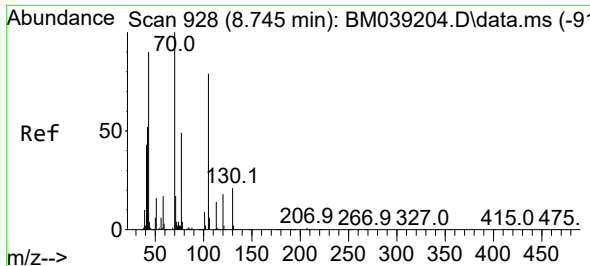
Tgt Ion:	107	Resp:	331209
Ion	Ratio	Lower	Upper
107	100		
108	113.8	90.6	136.0
77	45.0	37.0	55.4
79	42.6	34.6	51.8



#18
Hexachloroethane
Concen: 17.561 ng
RT: 8.998 min Scan# 971
Delta R.T. -0.000 min
Lab File: BM039270.D
Acq: 01 Apr 2023 01:33

Tgt Ion:	117	Resp:	136882
Ion	Ratio	Lower	Upper
117	100		
119	93.5	77.8	116.8
201	92.4	77.3	115.9





#19

n-Nitroso-di-n-propylamine

Concen: 19.506 ng

RT: 8.734 min Scan# 91

Delta R.T. -0.000 min

Lab File: BM039270.D

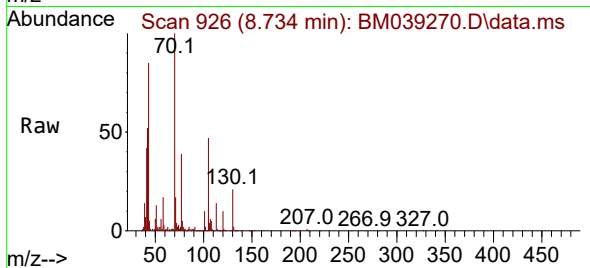
Acq: 01 Apr 2023 01:33

Instrument :

BNA_M

ClientSampleId :

SU-03-033023MSD



Tgt Ion: 70 Resp: 296094

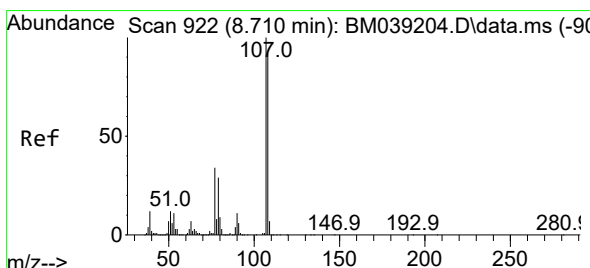
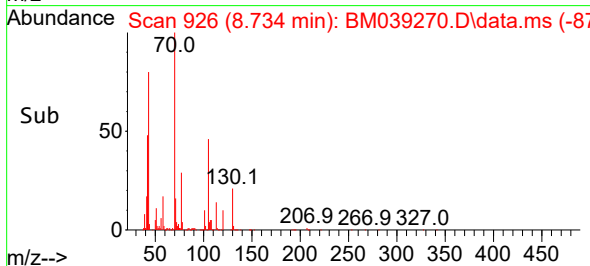
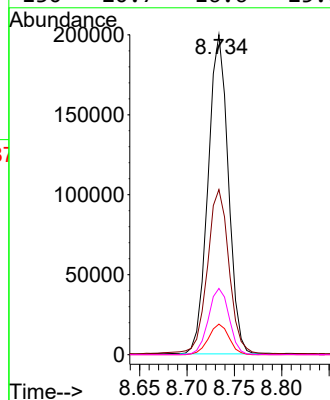
Ion Ratio Lower Upper

70 100

42 51.6 42.2 63.2

101 9.6 7.6 11.4

130 20.7 16.6 25.0



#20

3+4-Methylphenols

Concen: 19.971 ng

RT: 8.704 min Scan# 921

Delta R.T. 0.006 min

Lab File: BM039270.D

Acq: 01 Apr 2023 01:33

Tgt Ion: 107 Resp: 446808

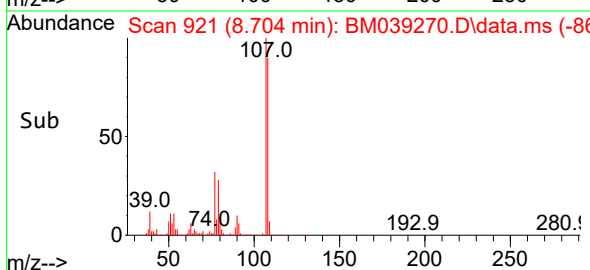
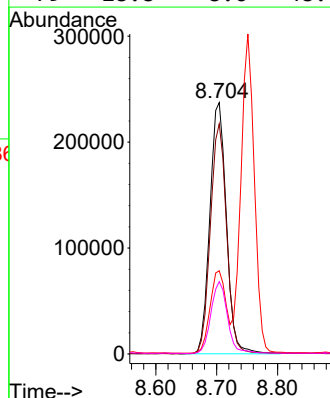
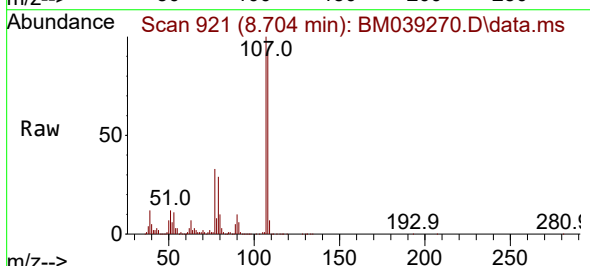
Ion Ratio Lower Upper

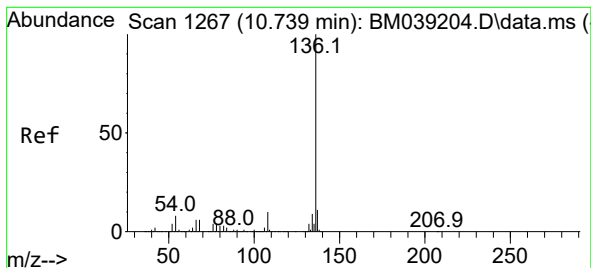
107 100

108 91.5 72.1 112.1

77 33.1 13.7 53.7

79 28.8 8.6 48.6

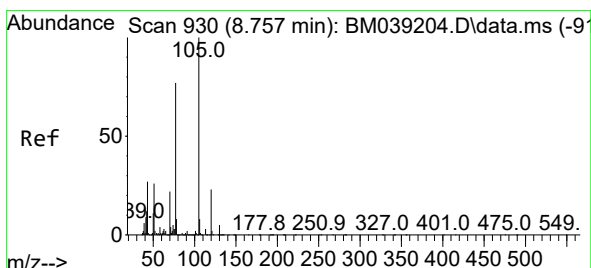
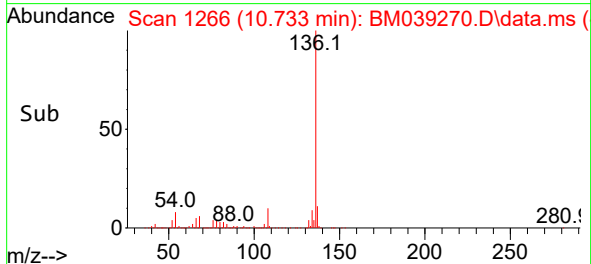
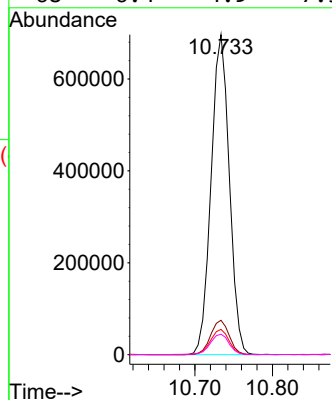
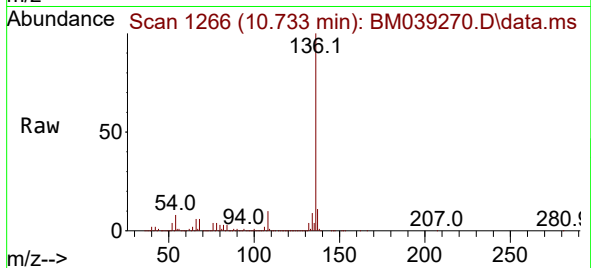




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.733 min Scan# 1135
Delta R.T. 0.006 min
Lab File: BM039270.D
Acq: 01 Apr 2023 01:33

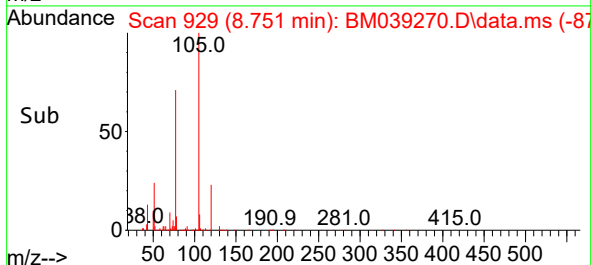
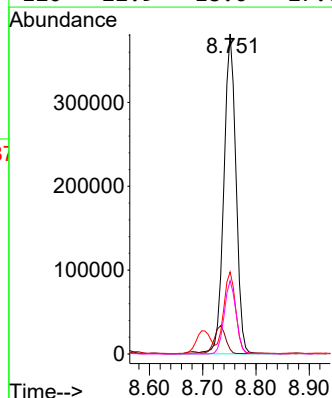
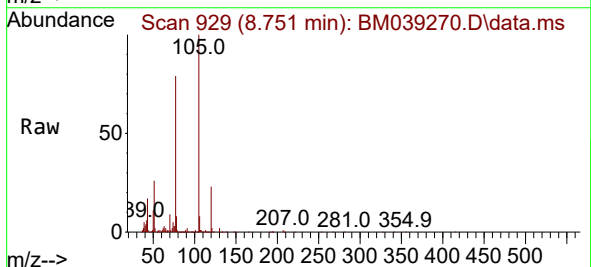
Instrument :
BNA_M
ClientSampleId :
SU-03-033023MSD

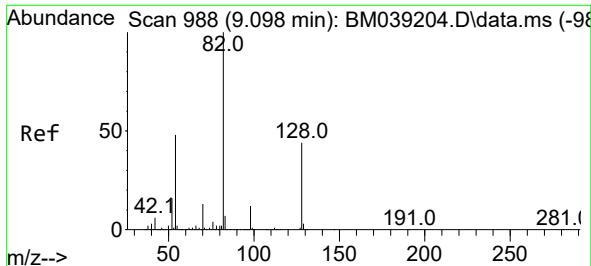
Tgt Ion:136 Resp: 1135898
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 7.9 6.2 9.4
68 6.4 4.9 7.3



#22
Acetophenone
Concen: 19.868 ng
RT: 8.751 min Scan# 929
Delta R.T. 0.006 min
Lab File: BM039270.D
Acq: 01 Apr 2023 01:33

Tgt Ion:105 Resp: 603421
Ion Ratio Lower Upper
105 100
71 1.4 2.8 4.2#
51 25.7 20.6 31.0
120 22.9 18.0 27.0





#23

Nitrobenzene-d5

Concen: 25.047 ng

RT: 9.092 min Scan# 990

Delta R.T. 0.006 min

Lab File: BM039270.D

Acq: 01 Apr 2023 01:33

Instrument :

BNA_M

ClientSampleId :

SU-03-033023MSD

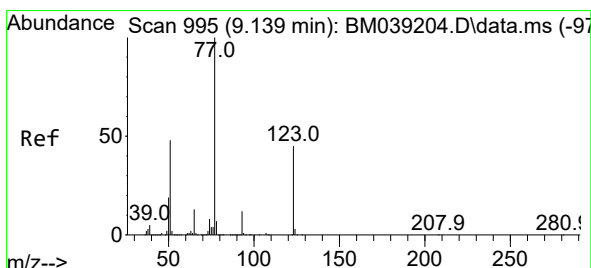
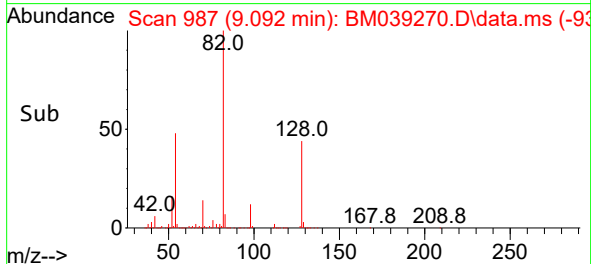
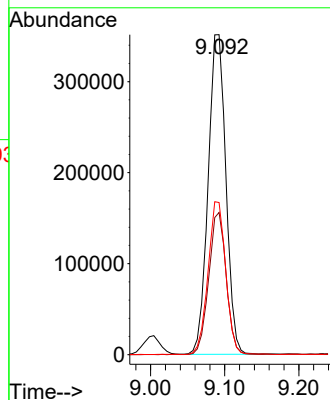
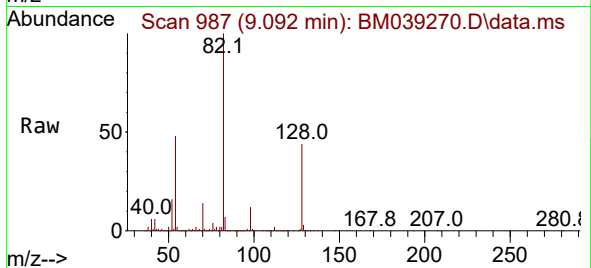
Tgt Ion: 82 Resp: 585369

Ion Ratio Lower Upper

82 100

128 44.4 35.1 52.7

54 47.6 38.5 57.7



#24

Nitrobenzene

Concen: 18.938 ng

RT: 9.134 min Scan# 994

Delta R.T. 0.006 min

Lab File: BM039270.D

Acq: 01 Apr 2023 01:33

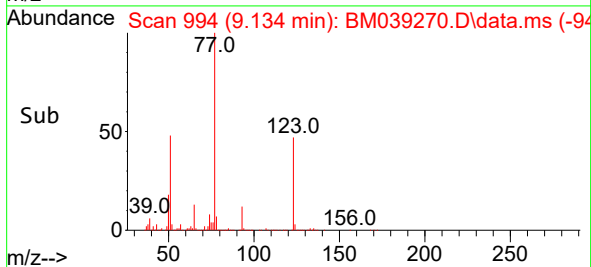
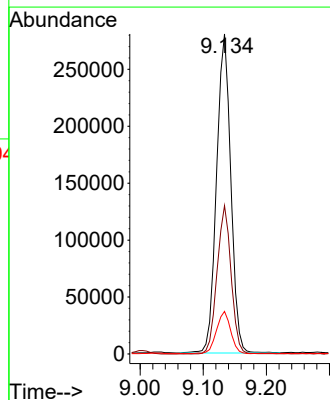
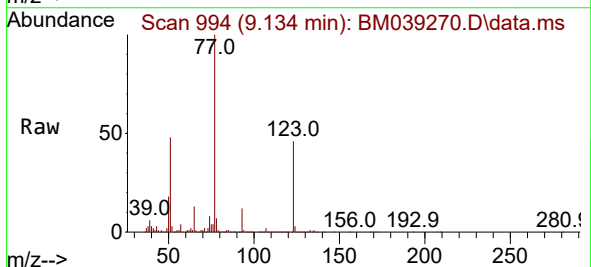
Tgt Ion: 77 Resp: 440229

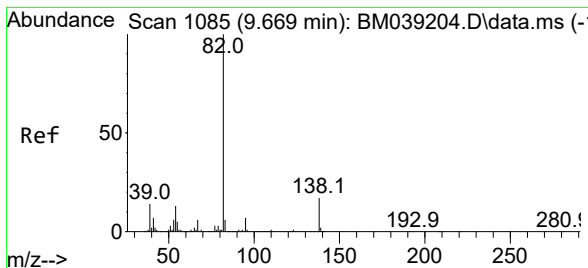
Ion Ratio Lower Upper

77 100

123 46.3 36.2 54.2

65 13.3 10.6 15.8





#25

Isophorone

Concen: 18.811 ng

RT: 9.657 min Scan# 1083

Delta R.T. -0.000 min

Lab File: BM039270.D

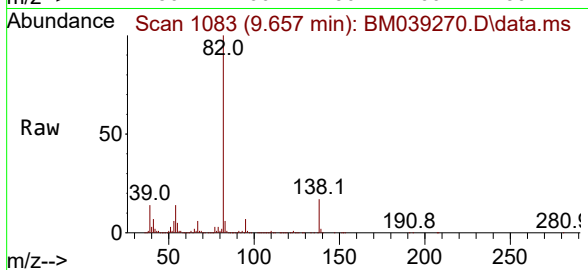
Acq: 01 Apr 2023 01:33

Instrument :

BNA_M

ClientSampleId :

SU-03-033023MSD



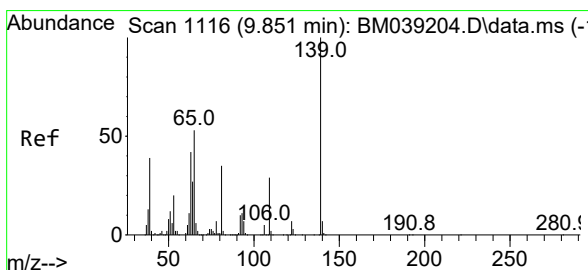
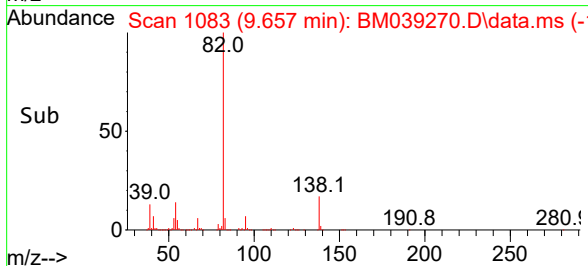
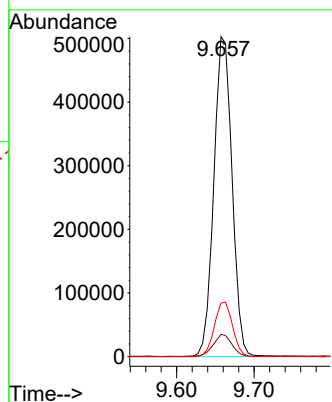
Tgt Ion: 82 Resp: 820175

Ion Ratio Lower Upper

82 100

95 7.0 5.2 7.8

138 16.7 13.5 20.3



#26

2-Nitrophenol

Concen: 16.941 ng

RT: 9.845 min Scan# 1115

Delta R.T. 0.006 min

Lab File: BM039270.D

Acq: 01 Apr 2023 01:33

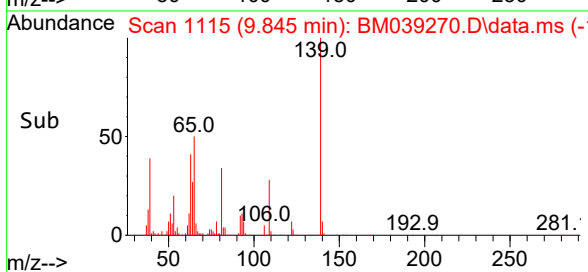
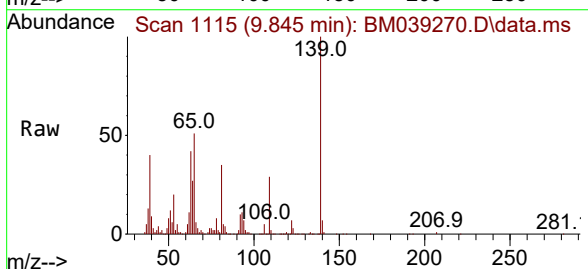
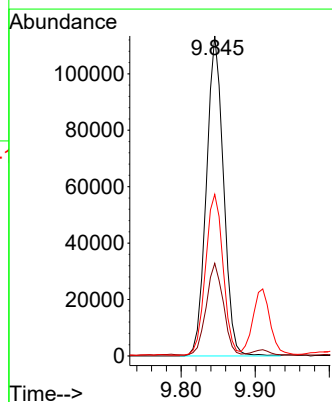
Tgt Ion: 139 Resp: 182050

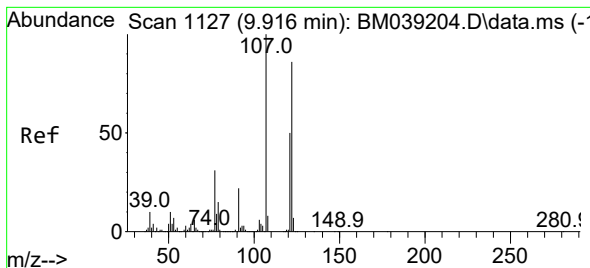
Ion Ratio Lower Upper

139 100

109 29.0 23.4 35.0

65 50.5 42.2 63.2

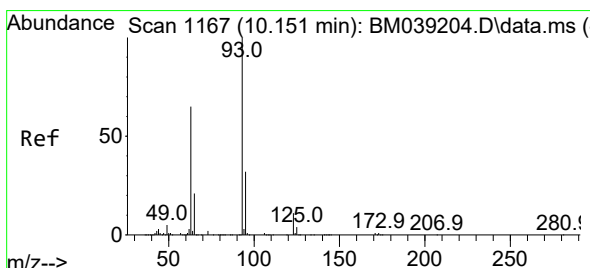
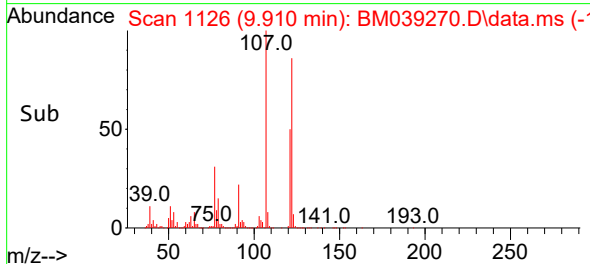
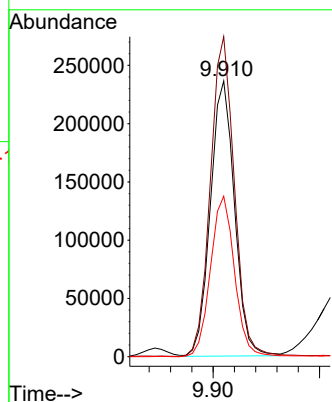
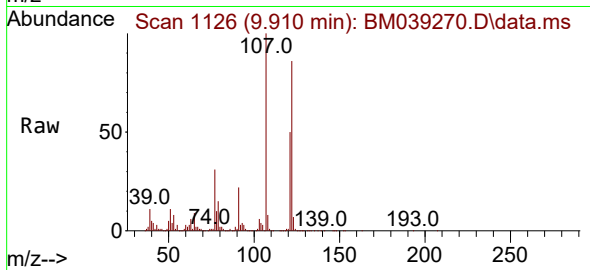




#27
2,4-Dimethylphenol
Concen: 20.774 ng
RT: 9.910 min Scan# 1127
Delta R.T. 0.006 min
Lab File: BM039270.D
Acq: 01 Apr 2023 01:33

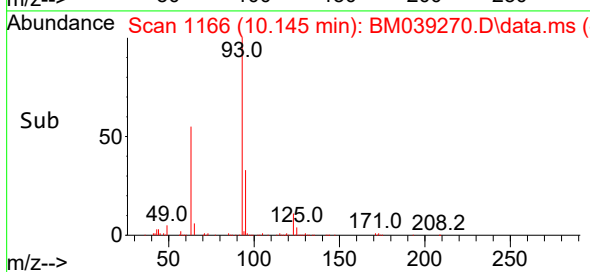
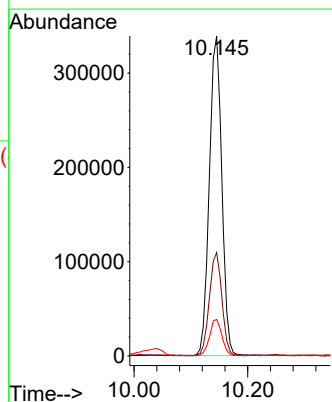
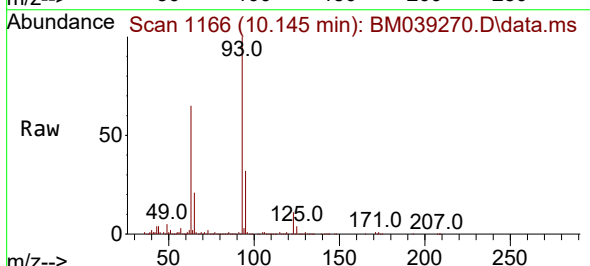
Instrument :
BNA_M
ClientSampleId :
SU-03-033023MSD

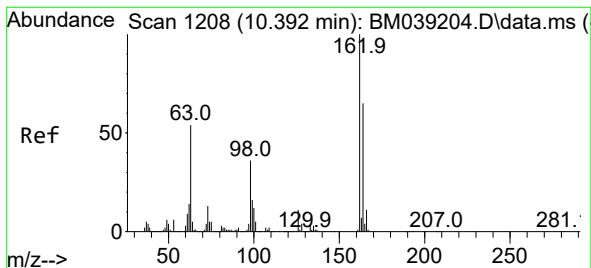
Tgt Ion:122 Resp: 370906
Ion Ratio Lower Upper
122 100
107 116.1 92.3 138.5
121 58.2 46.3 69.5



#28
bis(2-Chloroethoxy)methane
Concen: 19.504 ng
RT: 10.145 min Scan# 1166
Delta R.T. 0.006 min
Lab File: BM039270.D
Acq: 01 Apr 2023 01:33

Tgt Ion: 93 Resp: 514773
Ion Ratio Lower Upper
93 100
95 32.3 25.8 38.8
123 11.4 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 20.869 ng

RT: 10.386 min Scan# 1207

Delta R.T. 0.006 min

Lab File: BM039270.D

Acq: 01 Apr 2023 01:33

Instrument :

BNA_M

ClientSampleId :

SU-03-033023MSD

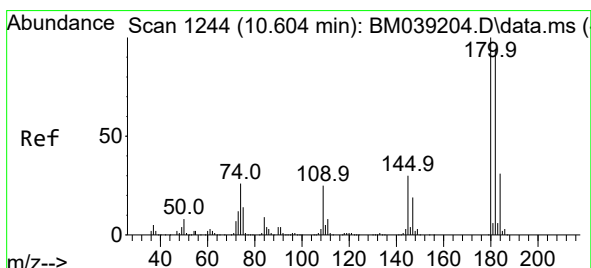
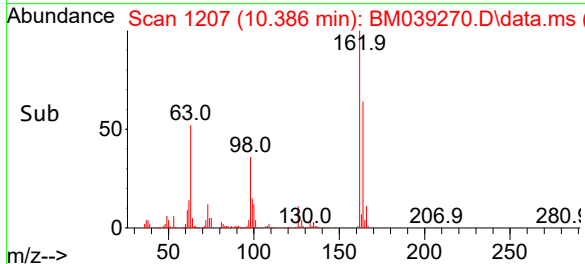
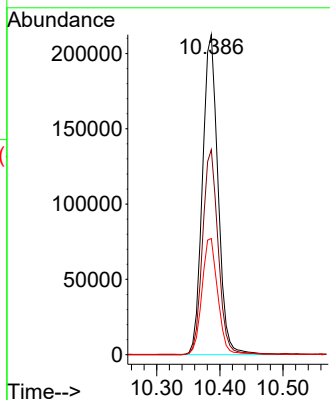
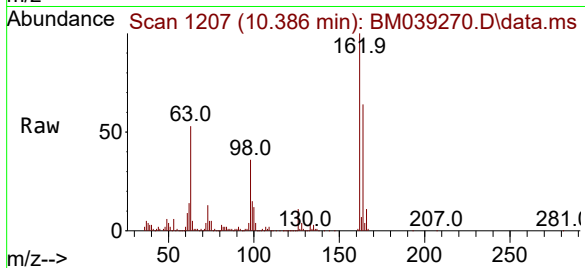
Tgt Ion:162 Resp: 363538

Ion Ratio Lower Upper

162 100

164 64.1 44.8 84.8

98 36.3 16.0 56.0



#30

1,2,4-Trichlorobenzene

Concen: 20.919 ng

RT: 10.598 min Scan# 1243

Delta R.T. 0.006 min

Lab File: BM039270.D

Acq: 01 Apr 2023 01:33

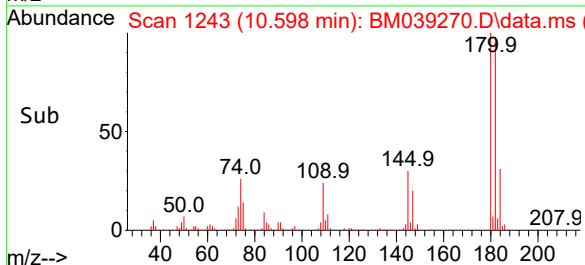
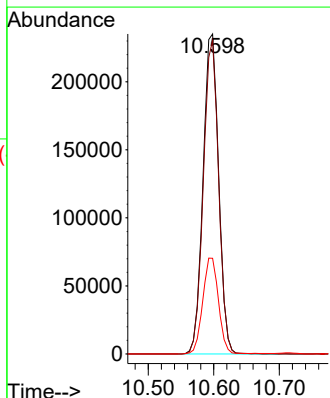
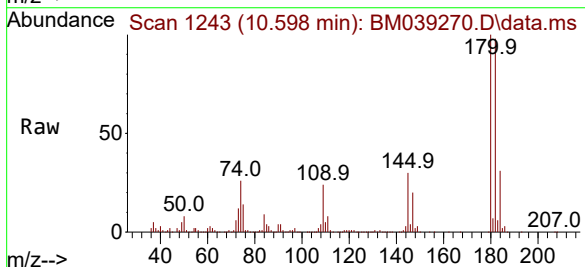
Tgt Ion:180 Resp: 389861

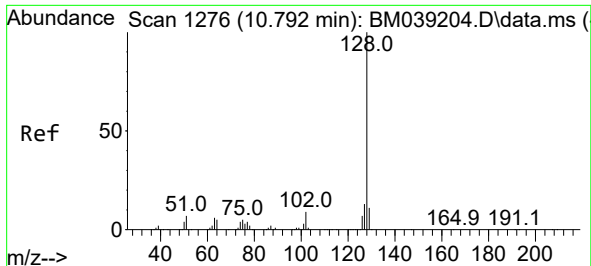
Ion Ratio Lower Upper

180 100

182 98.0 75.2 112.8

145 29.9 23.9 35.9

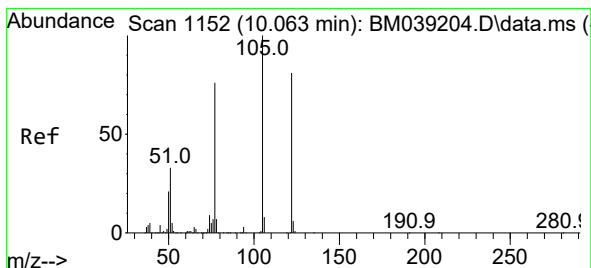
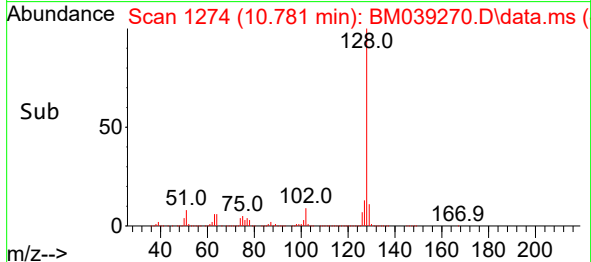
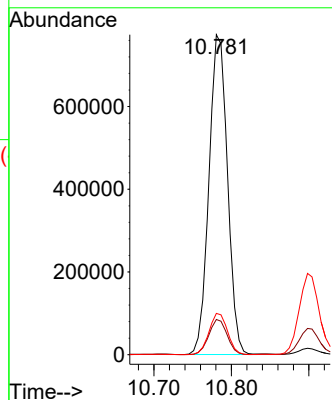
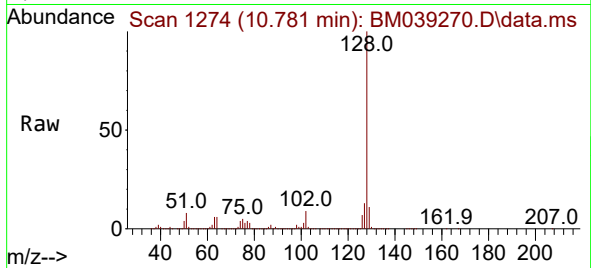




#31
Naphthalene
Concen: 21.011 ng
RT: 10.781 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM039270.D
Acq: 01 Apr 2023 01:33

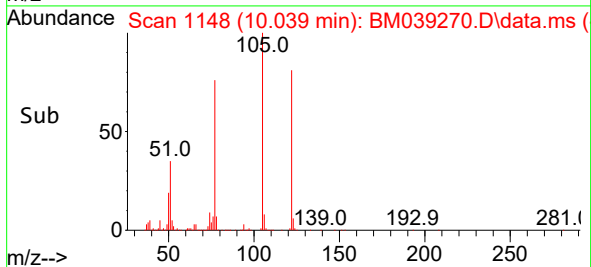
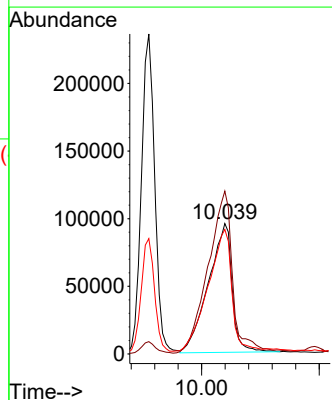
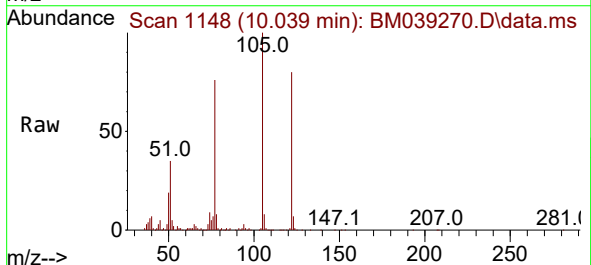
Instrument :
BNA_M
ClientSampleId :
SU-03-033023MSD

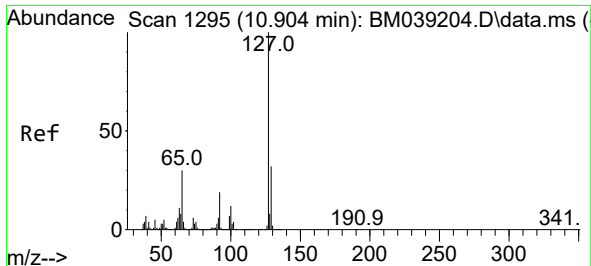
Tgt Ion:128 Resp: 1286003
Ion Ratio Lower Upper
128 100
129 11.0 8.6 13.0
127 12.9 10.3 15.5



#32
Benzoic acid
Concen: 19.202 ng
RT: 10.039 min Scan# 1148
Delta R.T. -0.012 min
Lab File: BM039270.D
Acq: 01 Apr 2023 01:33

Tgt Ion:122 Resp: 267211
Ion Ratio Lower Upper
122 100
105 124.9 103.1 143.1
77 95.4 74.6 114.6

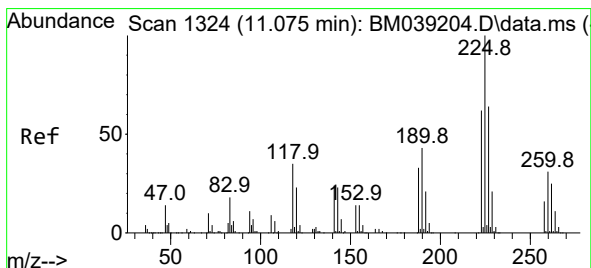
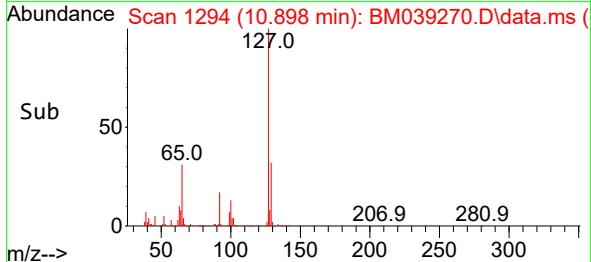
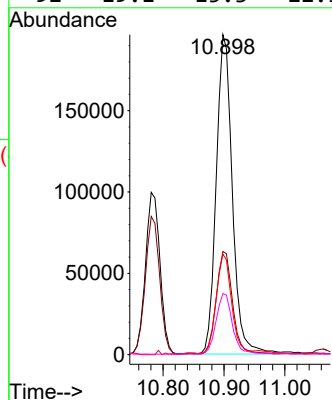
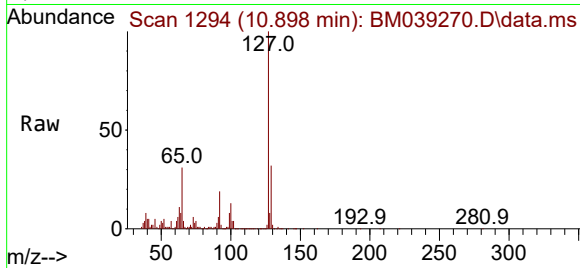




#33
4-Chloroaniline
Concen: 13.441 ng
RT: 10.898 min Scan# 11
Delta R.T. 0.006 min
Lab File: BM039270.D
Acq: 01 Apr 2023 01:33

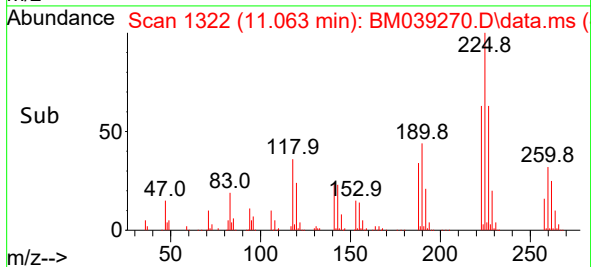
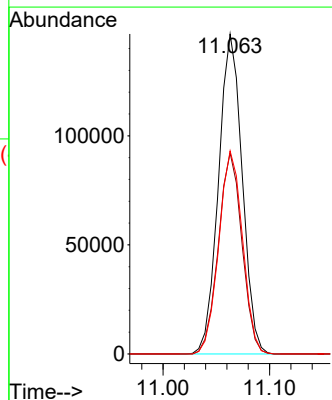
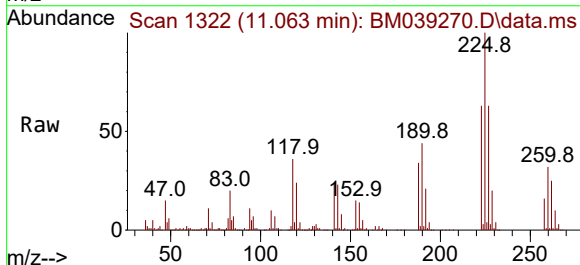
Instrument :
BNA_M
ClientSampleId :
SU-03-033023MSD

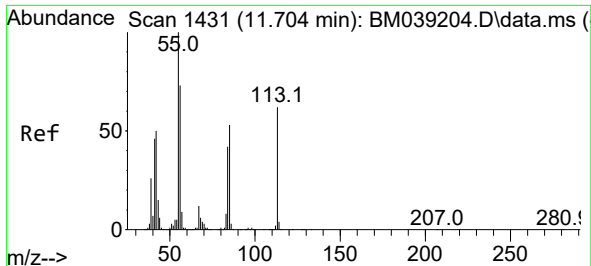
Tgt Ion:127	Resp: 360420
Ion Ratio	Lower Upper
127 100	
129 32.3	25.7 38.5
65 31.4	24.1 36.1
92 19.1	15.3 22.9



#34
Hexachlorobutadiene
Concen: 20.641 ng
RT: 11.063 min Scan# 1322
Delta R.T. -0.000 min
Lab File: BM039270.D
Acq: 01 Apr 2023 01:33

Tgt	Ion:225	Resp:	226196
Ion	Ratio	Lower	Upper
225	100		
223	62.8	49.8	74.6
227	63.4	51.6	77.4

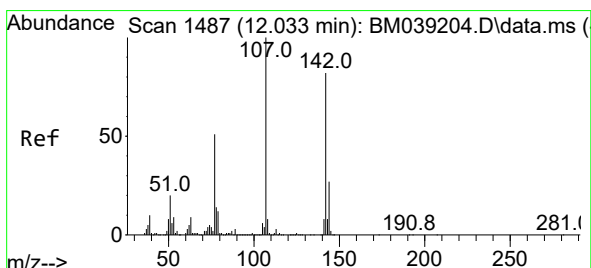
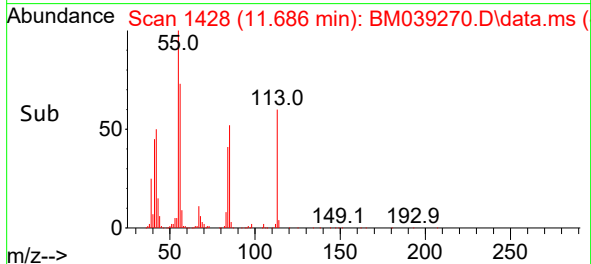
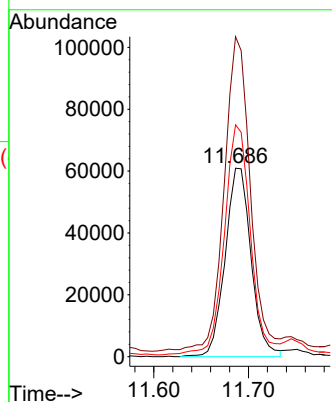
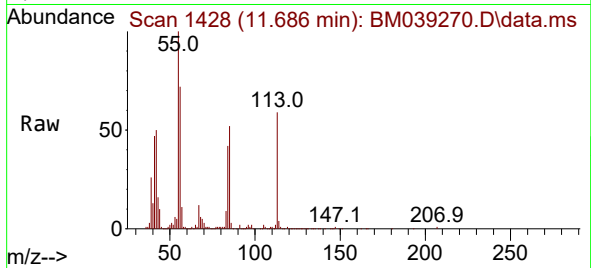




#35
Caprolactam
Concen: 19.161 ng
RT: 11.686 min Scan# 1431
Delta R.T. -0.006 min
Lab File: BM039270.D
Acq: 01 Apr 2023 01:33

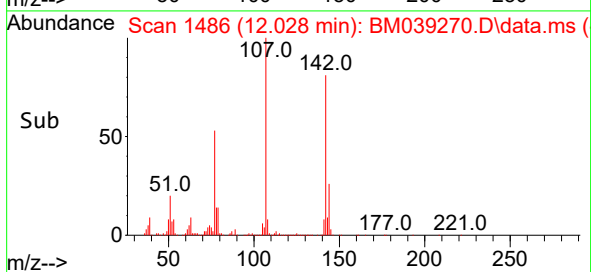
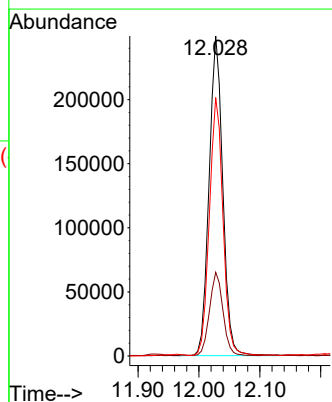
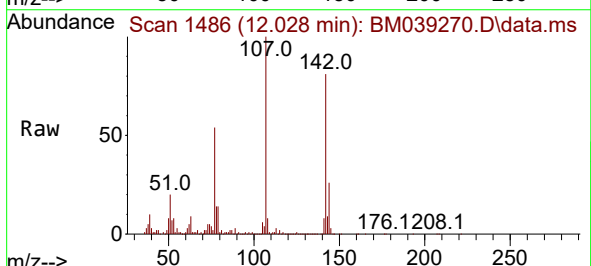
Instrument :
BNA_M
ClientSampleId :
SU-03-033023MSD

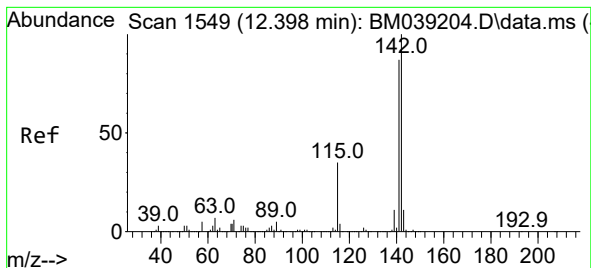
Tgt Ion:113 Resp: 115897
Ion Ratio Lower Upper
113 100
55 169.8 141.8 181.8
56 123.0 98.3 138.3



#36
4-Chloro-3-methylphenol
Concen: 20.276 ng
RT: 12.028 min Scan# 1486
Delta R.T. 0.006 min
Lab File: BM039270.D
Acq: 01 Apr 2023 01:33

Tgt Ion:107 Resp: 389704
Ion Ratio Lower Upper
107 100
144 26.1 21.4 32.2
142 80.7 65.2 97.8





#37

2-Methylnaphthalene

Concen: 20.708 ng

RT: 12.392 min Scan# 1

Delta R.T. 0.006 min

Lab File: BM039270.D

Acq: 01 Apr 2023 01:33

Instrument :

BNA_M

ClientSampleId :

SU-03-033023MSD

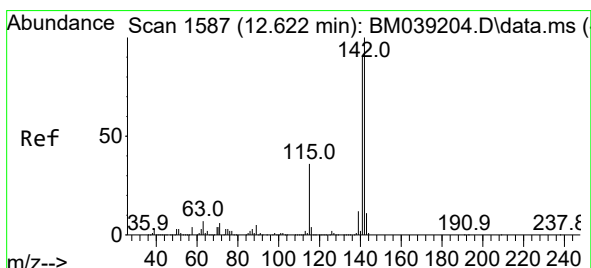
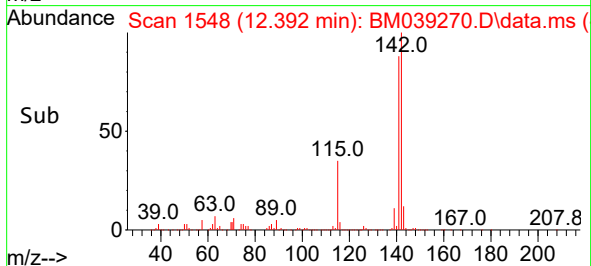
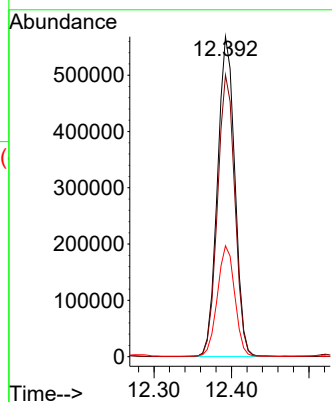
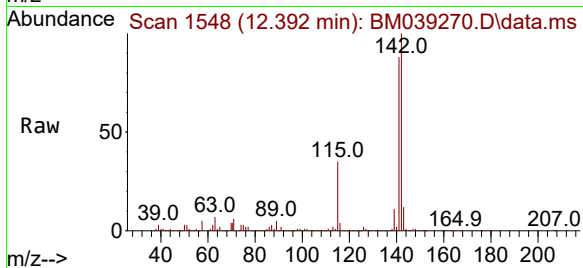
Tgt Ion:142 Resp: 882348

Ion Ratio Lower Upper

142 100

141 88.1 69.8 104.8

115 34.6 27.8 41.8



#38

1-Methylnaphthalene

Concen: 20.809 ng

RT: 12.610 min Scan# 1585

Delta R.T. -0.000 min

Lab File: BM039270.D

Acq: 01 Apr 2023 01:33

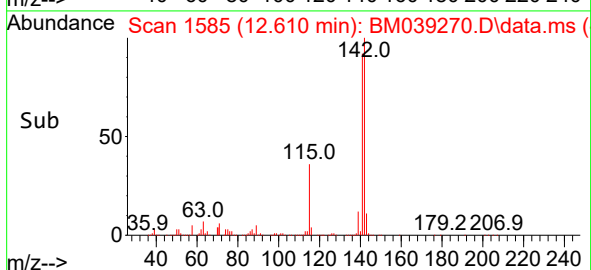
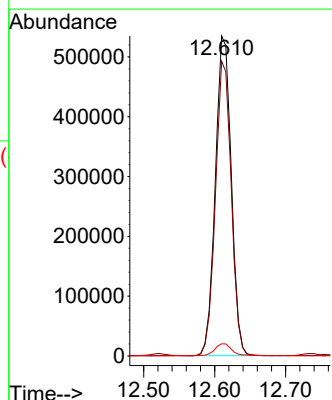
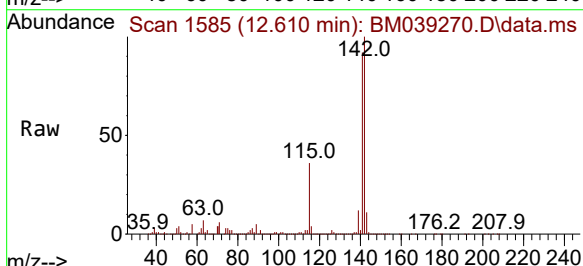
Tgt Ion:142 Resp: 830205

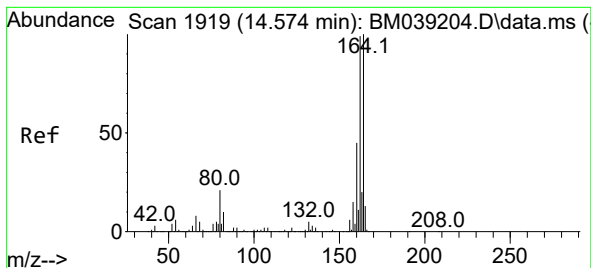
Ion Ratio Lower Upper

142 100

141 92.1 73.2 109.8

116 3.8 3.0 4.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.569 min Scan# 1

Delta R.T. 0.006 min

Lab File: BM039270.D

Acq: 01 Apr 2023 01:33

Instrument :

BNA_M

ClientSampleId :

SU-03-033023MSD

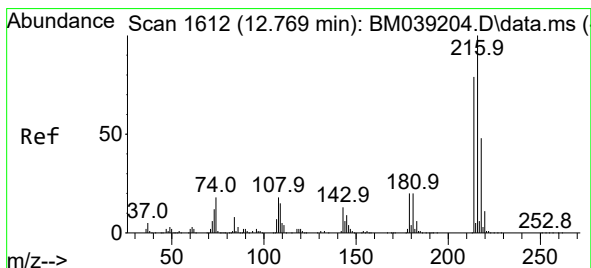
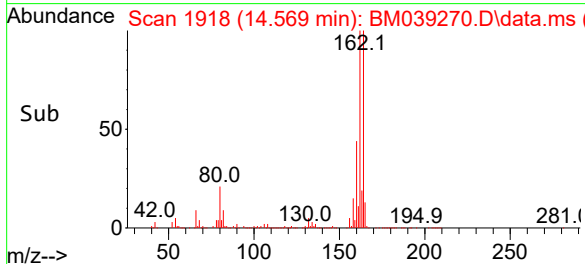
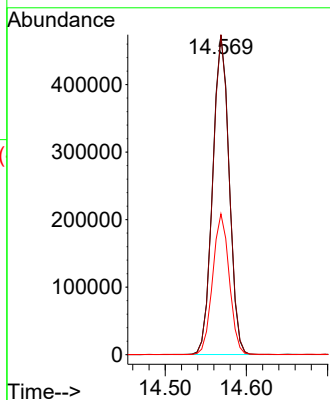
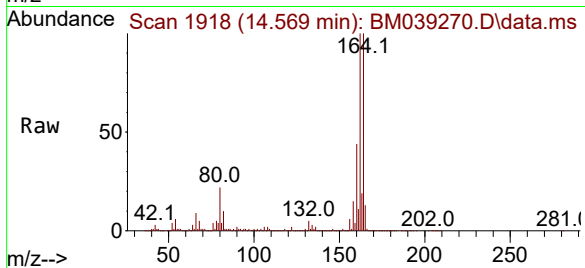
Tgt Ion:164 Resp: 668036

Ion Ratio Lower Upper

164 100

162 100.1 79.1 118.7

160 44.0 35.8 53.8



#40

1,2,4,5-Tetrachlorobenzene

Concen: 21.286 ng

RT: 12.763 min Scan# 1611

Delta R.T. 0.006 min

Lab File: BM039270.D

Acq: 01 Apr 2023 01:33

Tgt Ion:216 Resp: 432934

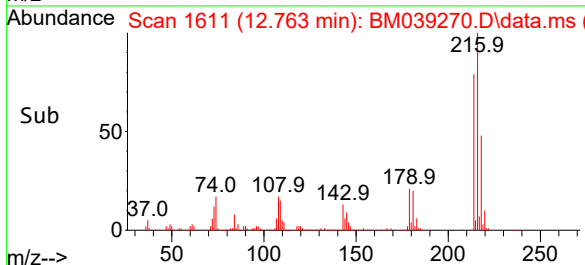
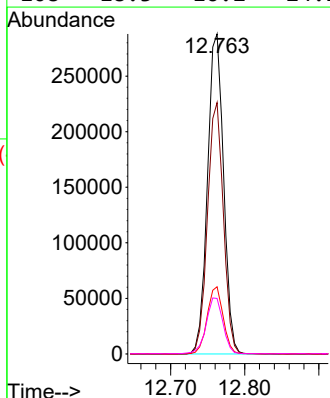
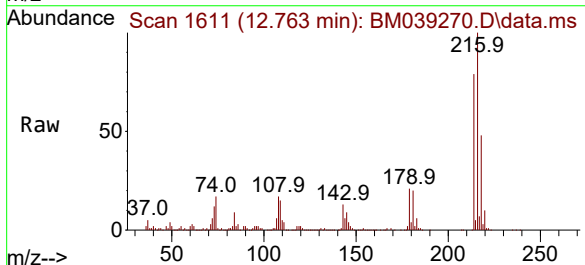
Ion Ratio Lower Upper

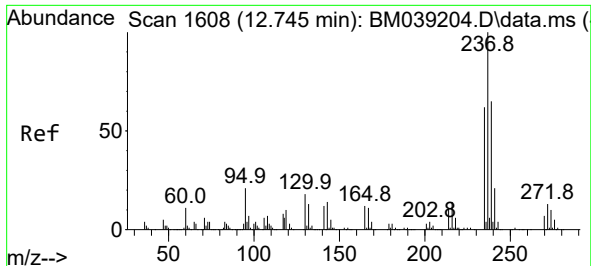
216 100

214 77.6 62.8 94.2

179 21.1 16.8 25.2

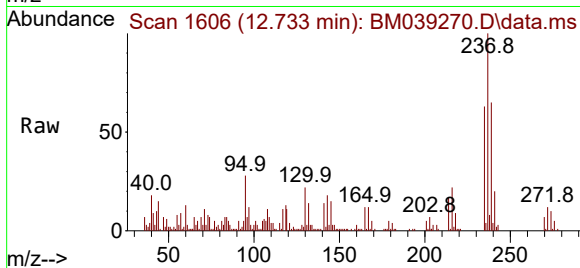
108 18.3 16.2 24.2



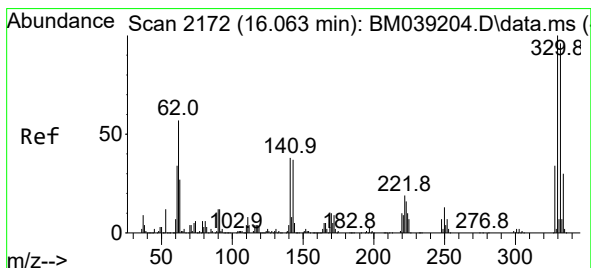
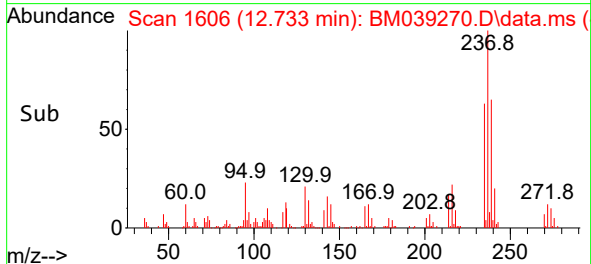
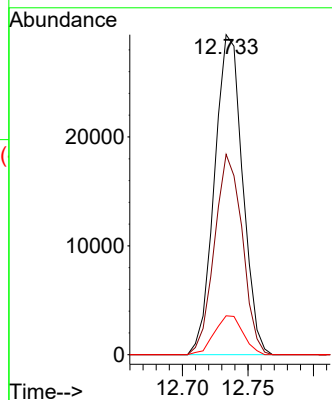


#41
Hexachlorocyclopentadiene
Concen: 3.934 ng
RT: 12.733 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM039270.D
Acq: 01 Apr 2023 01:33

Instrument :
BNA_M
ClientSampleId :
SU-03-033023MSD

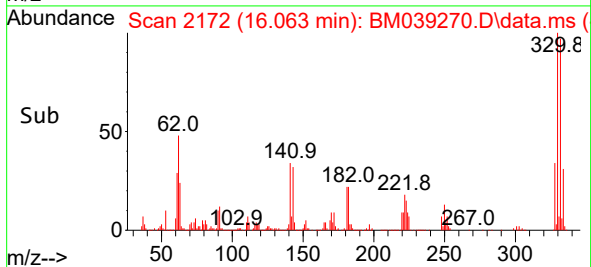
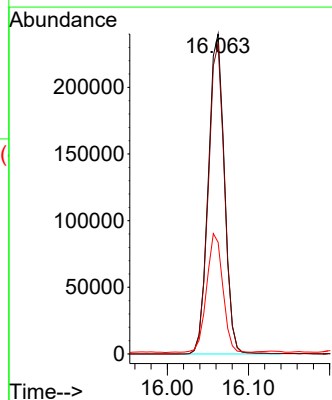
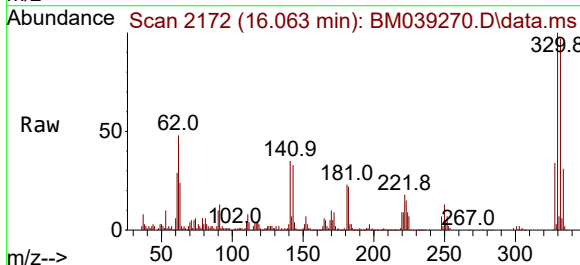


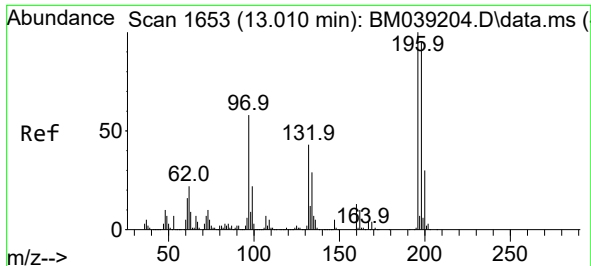
Tgt Ion:237 Resp: 43712
Ion Ratio Lower Upper
237 100
235 62.6 41.6 81.6
272 12.2 0.0 33.2



#42
2,4,6-Tribromophenol
Concen: 39.032 ng
RT: 16.063 min Scan# 2172
Delta R.T. 0.006 min
Lab File: BM039270.D
Acq: 01 Apr 2023 01:33

Tgt Ion:330 Resp: 330997
Ion Ratio Lower Upper
330 100
332 96.8 77.4 116.0
141 37.4 29.8 44.6

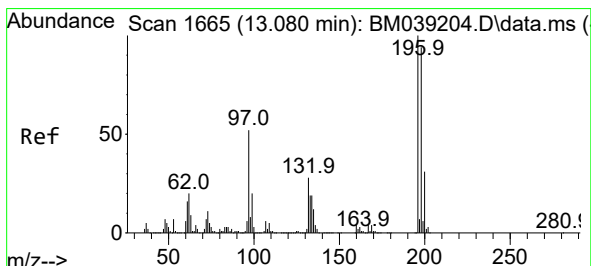
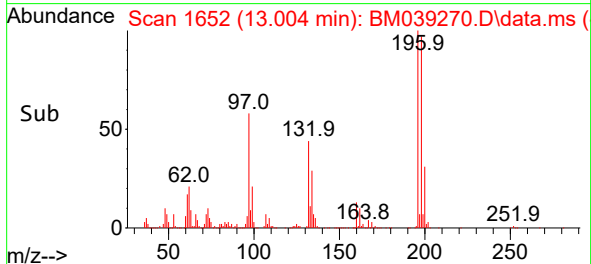
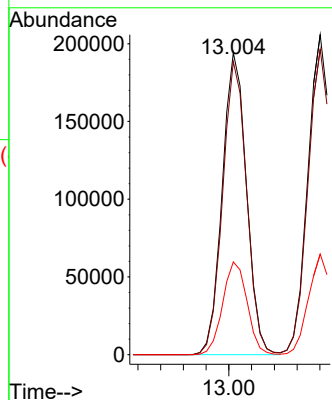
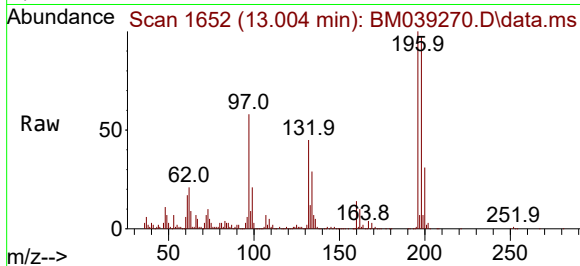




#43
2,4,6-Trichlorophenol
Concen: 20.760 ng
RT: 13.004 min Scan# 1
Delta R.T. 0.006 min
Lab File: BM039270.D
Acq: 01 Apr 2023 01:33

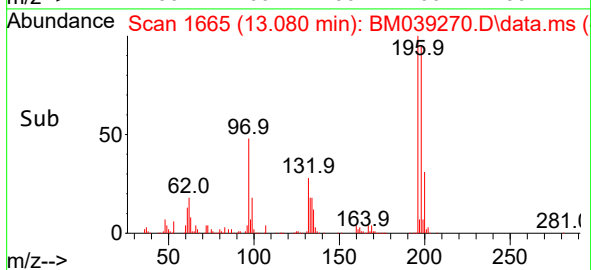
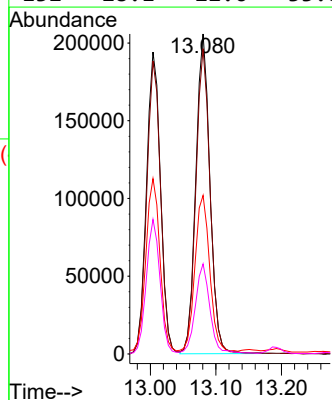
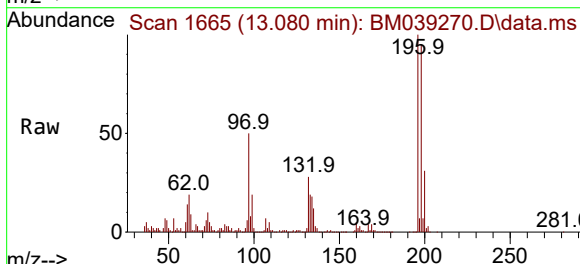
Instrument :
BNA_M
ClientSampleId :
SU-03-033023MSD

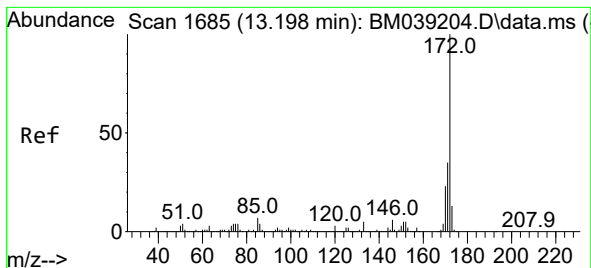
Tgt Ion:196 Resp: 287963
Ion Ratio Lower Upper
196 100
198 97.1 76.2 114.2
200 30.7 24.2 36.2



#44
2,4,5-Trichlorophenol
Concen: 19.042 ng
RT: 13.080 min Scan# 1665
Delta R.T. 0.006 min
Lab File: BM039270.D
Acq: 01 Apr 2023 01:33

Tgt Ion:196 Resp: 309654
Ion Ratio Lower Upper
196 100
198 95.4 75.2 112.8
97 49.6 41.4 62.0
132 28.1 22.6 33.8

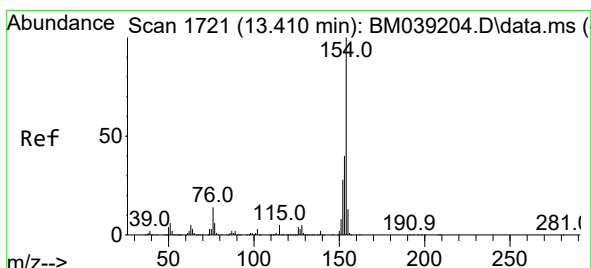
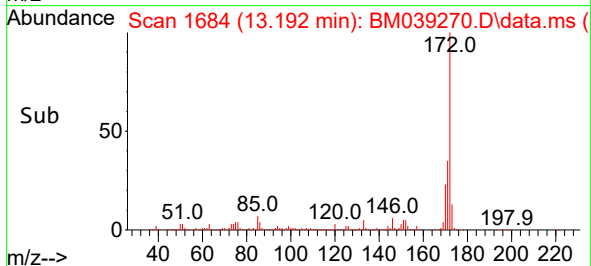
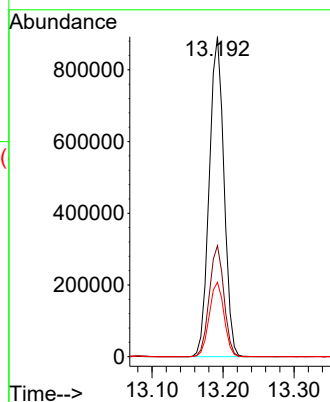
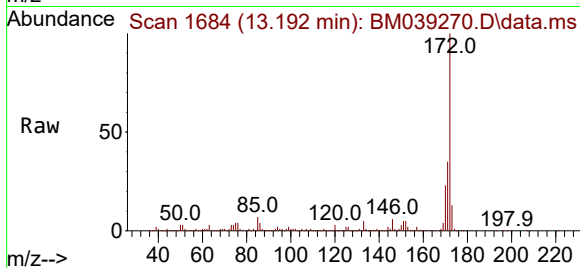




#45
2-Fluorobiphenyl
Concen: 26.097 ng
RT: 13.192 min Scan# 1
Delta R.T. 0.006 min
Lab File: BM039270.D
Acq: 01 Apr 2023 01:33

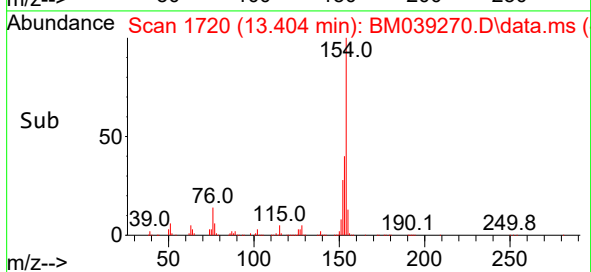
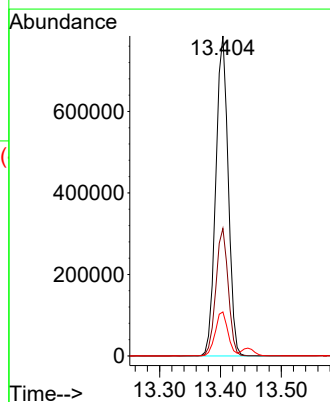
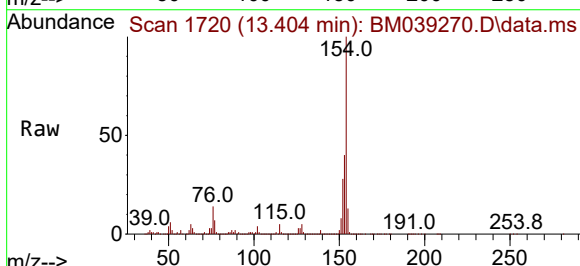
Instrument :
BNA_M
ClientSampleId :
SU-03-033023MSD

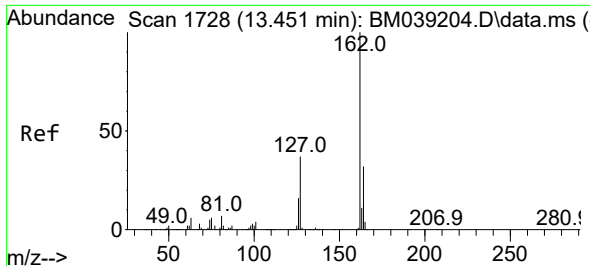
Tgt Ion:172 Resp: 1286700
Ion Ratio Lower Upper
172 100
171 34.7 28.0 42.0
170 23.3 18.7 28.1



#46
1,1'-Biphenyl
Concen: 21.024 ng
RT: 13.404 min Scan# 1720
Delta R.T. 0.006 min
Lab File: BM039270.D
Acq: 01 Apr 2023 01:33

Tgt Ion:154 Resp: 1109108
Ion Ratio Lower Upper
154 100
153 39.9 19.9 59.9
76 13.8 0.0 33.5

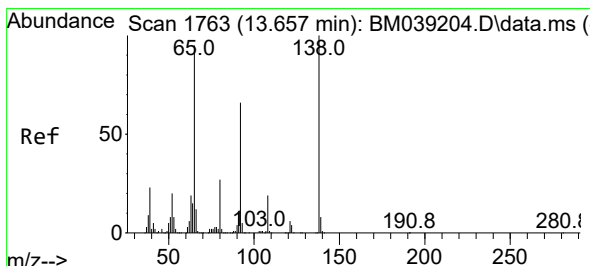
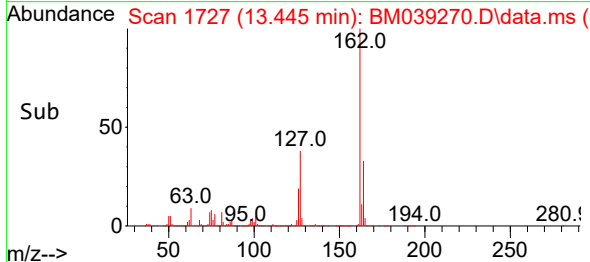
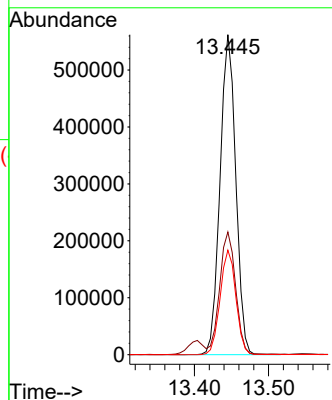
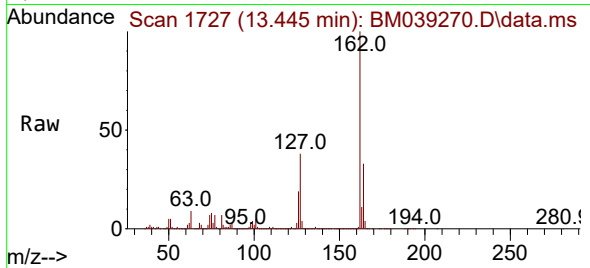




#47
2-Chloronaphthalene
Concen: 20.747 ng
RT: 13.445 min Scan# 1727
Delta R.T. 0.006 min
Lab File: BM039270.D
Acq: 01 Apr 2023 01:33

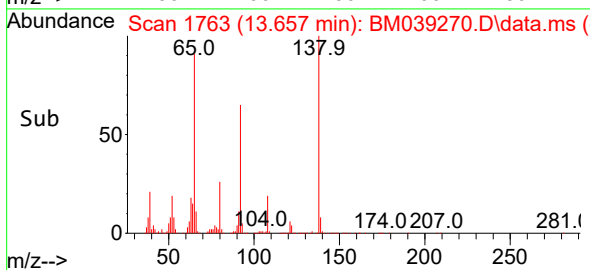
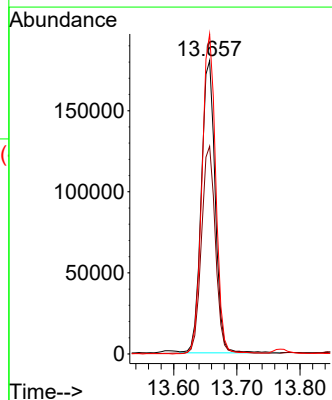
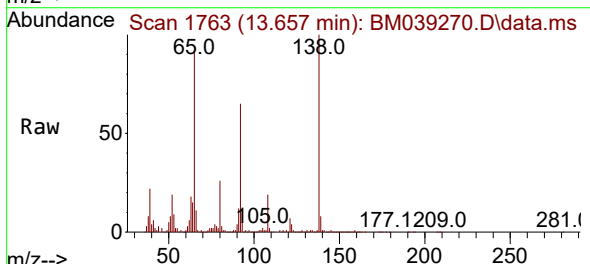
Instrument :
BNA_M
ClientSampleId :
SU-03-033023MSD

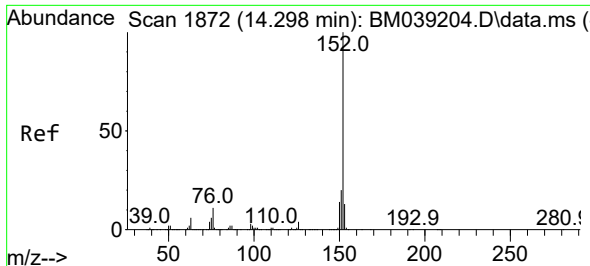
Tgt Ion:162 Resp: 828686
Ion Ratio Lower Upper
162 100
127 38.3 31.4 47.0
164 32.7 25.7 38.5



#48
2-Nitroaniline
Concen: 20.473 ng
RT: 13.657 min Scan# 1763
Delta R.T. 0.006 min
Lab File: BM039270.D
Acq: 01 Apr 2023 01:33

Tgt Ion: 65 Resp: 275195
Ion Ratio Lower Upper
65 100
92 70.8 55.7 83.5
138 109.1 84.5 126.7

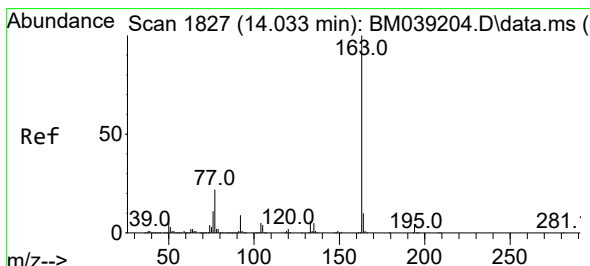
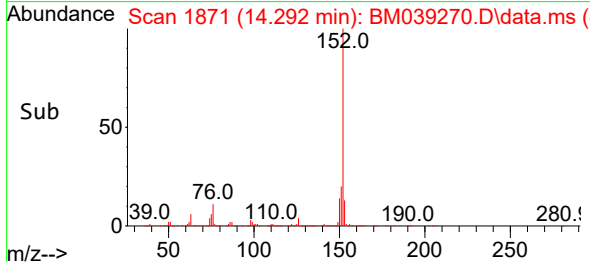
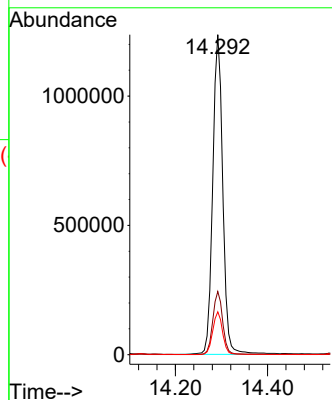
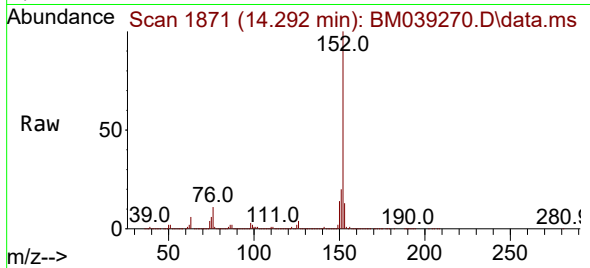




#49
Acenaphthylene
Concen: 28.599 ng
RT: 14.292 min Scan# 1872
Delta R.T. 0.006 min
Lab File: BM039270.D
Acq: 01 Apr 2023 01:33

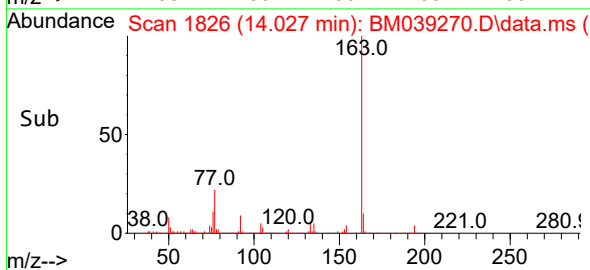
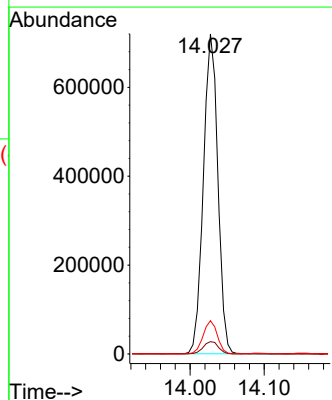
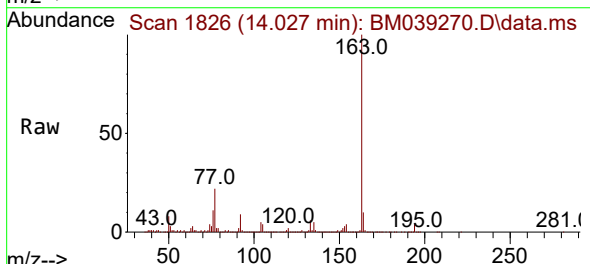
Instrument :
BNA_M
ClientSampleId :
SU-03-033023MSD

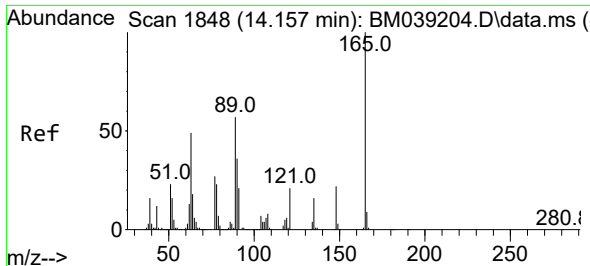
Tgt Ion:152 Resp: 1877504
Ion Ratio Lower Upper
152 100
151 19.7 15.7 23.5
153 13.4 10.3 15.5



#50
Dimethylphthalate
Concen: 18.938 ng
RT: 14.027 min Scan# 1826
Delta R.T. -0.000 min
Lab File: BM039270.D
Acq: 01 Apr 2023 01:33

Tgt Ion:163 Resp: 974977
Ion Ratio Lower Upper
163 100
194 3.9 3.1 4.7
164 10.4 8.2 12.2





#51

2,6-Dinitrotoluene

Concen: 17.600 ng

RT: 14.151 min Scan# 11

Delta R.T. 0.006 min

Lab File: BM039270.D

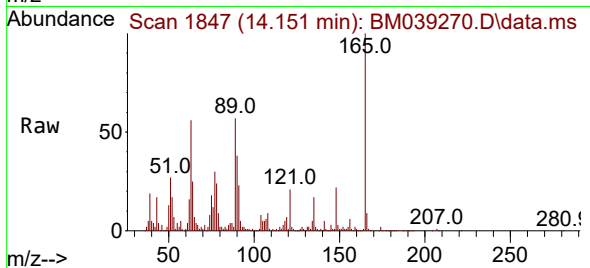
Acq: 01 Apr 2023 01:33

Instrument :

BNA_M

ClientSampleId :

SU-03-033023MSD



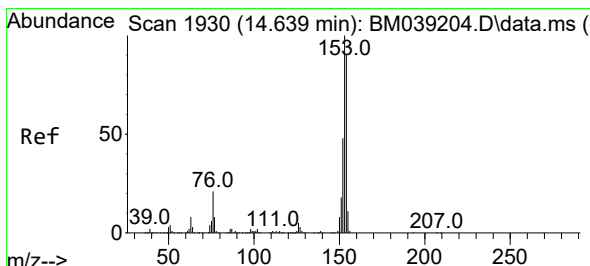
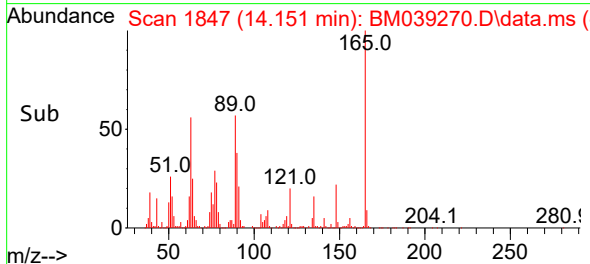
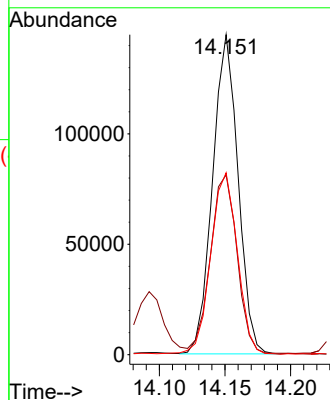
Tgt Ion:165 Resp: 194854

Ion Ratio Lower Upper

165 100

63 56.2 44.9 67.3

89 56.9 45.4 68.0



#52

Acenaphthene

Concen: 23.231 ng

RT: 14.633 min Scan# 1929

Delta R.T. 0.006 min

Lab File: BM039270.D

Acq: 01 Apr 2023 01:33

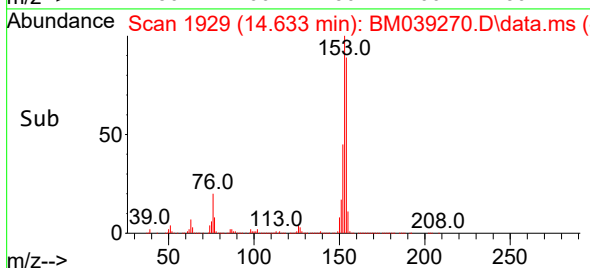
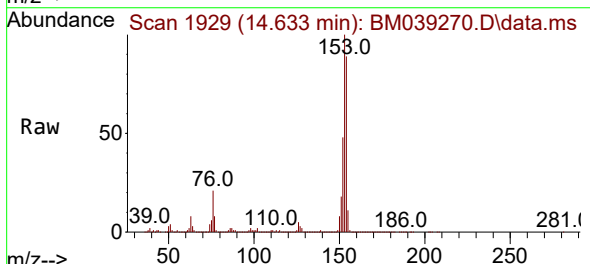
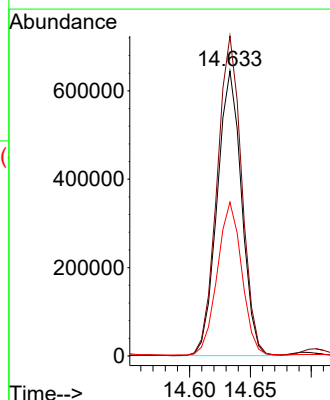
Tgt Ion:154 Resp: 900549

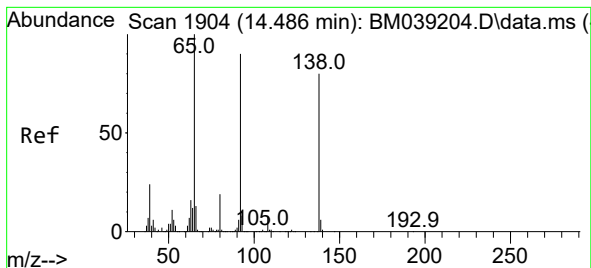
Ion Ratio Lower Upper

154 100

153 112.3 89.1 133.7

152 53.9 42.6 64.0

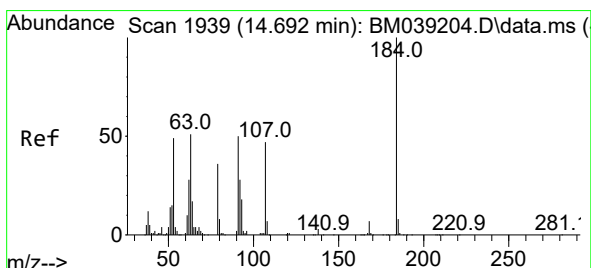
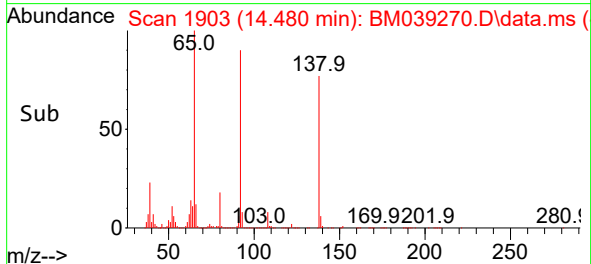
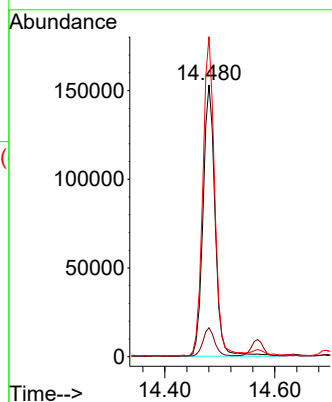
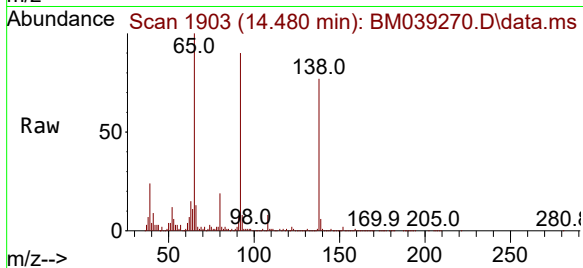




#53
3-Nitroaniline
Concen: 18.179 ng
RT: 14.480 min Scan# 1903
Delta R.T. 0.006 min
Lab File: BM039270.D
Acq: 01 Apr 2023 01:33

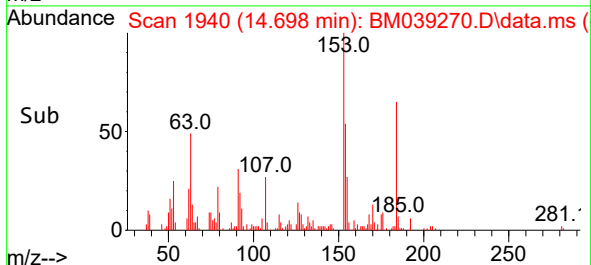
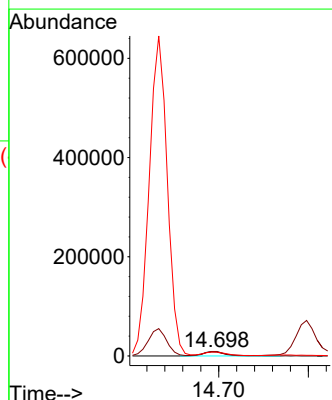
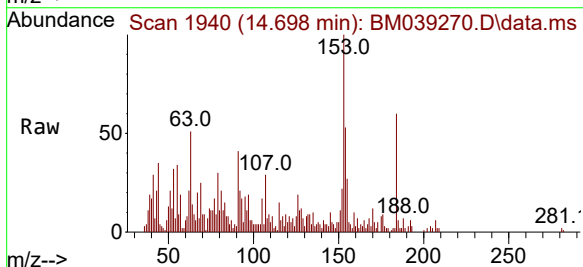
Instrument :
BNA_M
ClientSampleId :
SU-03-033023MSD

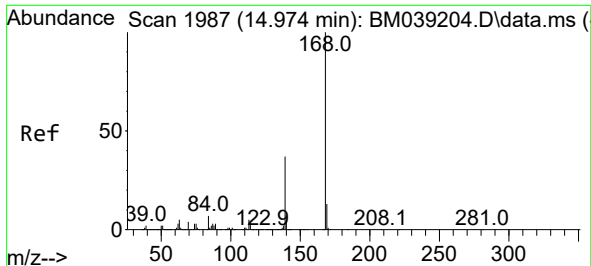
Tgt Ion:138 Resp: 232677
Ion Ratio Lower Upper
138 100
108 10.7 8.0 12.0
92 117.7 90.8 136.2



#54
2,4-Dinitrophenol
Concen: 2.252 ng
RT: 14.698 min Scan# 1940
Delta R.T. 0.011 min
Lab File: BM039270.D
Acq: 01 Apr 2023 01:33

Tgt Ion:184 Resp: 14768
Ion Ratio Lower Upper
184 100
63 84.8 56.4 84.6#
154 87.6 48.7 73.1#

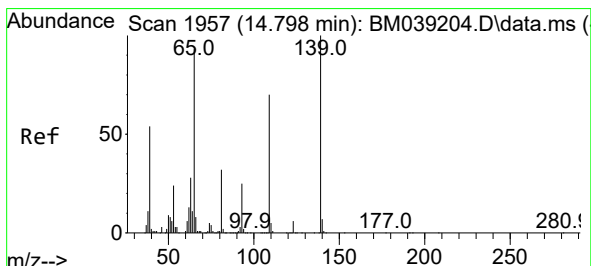
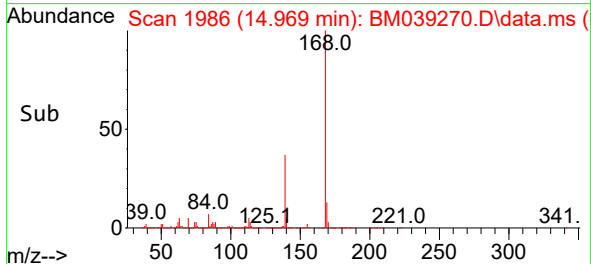
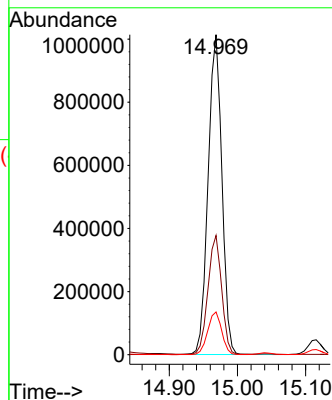
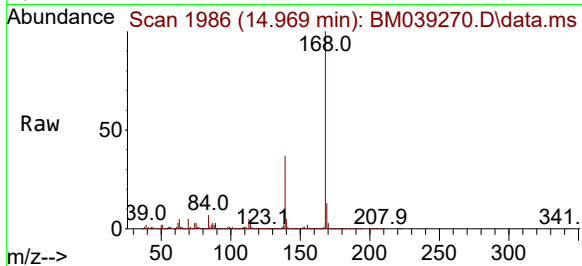




#55
Dibenzenofuran
Concen: 22.833 ng
RT: 14.969 min Scan# 1986
Delta R.T. 0.006 min
Lab File: BM039270.D
Acq: 01 Apr 2023 01:33

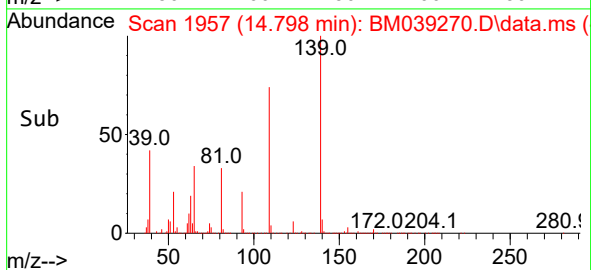
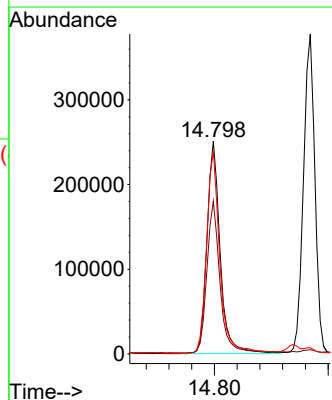
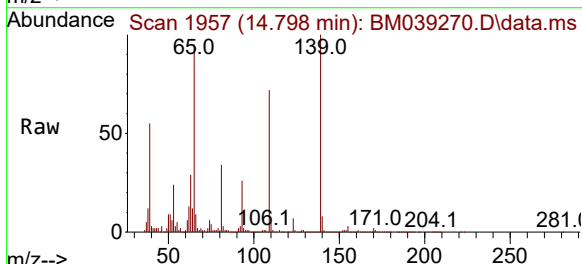
Instrument :
BNA_M
ClientSampleId :
SU-03-033023MSD

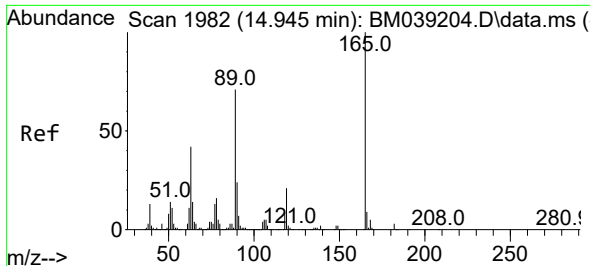
Tgt Ion:168 Resp: 1424968
Ion Ratio Lower Upper
168 100
139 37.3 29.4 44.2
169 13.3 10.6 15.8



#56
4-Nitrophenol
Concen: 41.012 ng
RT: 14.798 min Scan# 1957
Delta R.T. 0.011 min
Lab File: BM039270.D
Acq: 01 Apr 2023 01:33

Tgt Ion:139 Resp: 404767
Ion Ratio Lower Upper
139 100
109 71.9 49.6 89.6
65 95.4 72.9 112.9





#57

2,4-Dinitrotoluene

Concen: 17.133 ng

RT: 14.939 min Scan# 1981

Delta R.T. 0.006 min

Lab File: BM039270.D

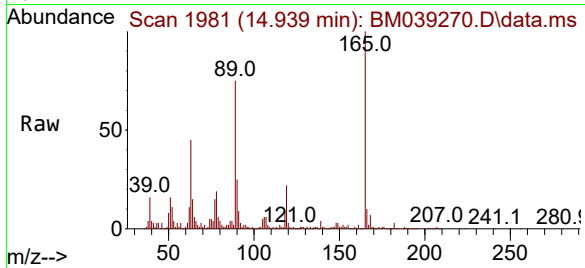
Acq: 01 Apr 2023 01:33

Instrument :

BNA_M

ClientSampleId :

SU-03-033023MSD



Tgt Ion:165 Resp: 256600

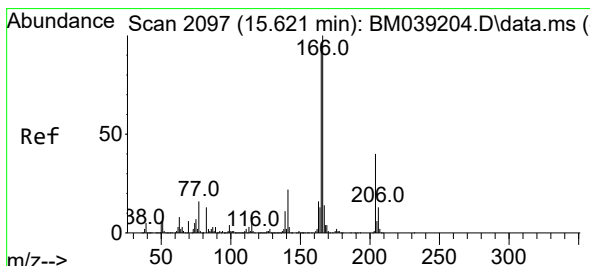
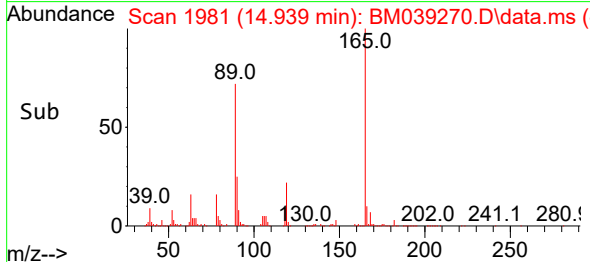
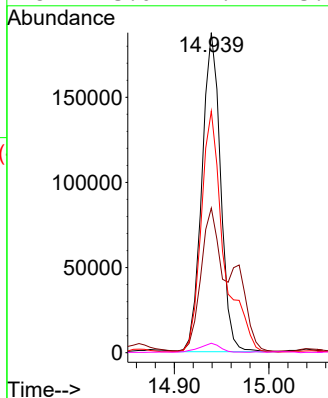
Ion Ratio Lower Upper

165 100

63 45.2 33.5 50.3

89 75.5 56.7 85.1

182 3.0 2.1 3.1



#58

Fluorene

Concen: 26.024 ng

RT: 15.616 min Scan# 2096

Delta R.T. 0.006 min

Lab File: BM039270.D

Acq: 01 Apr 2023 01:33

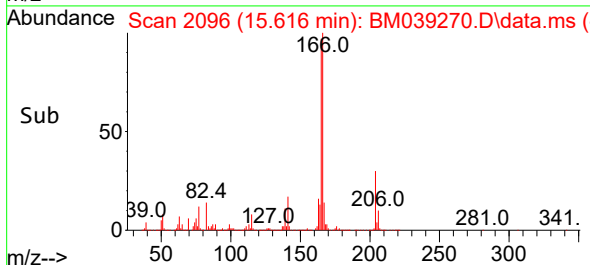
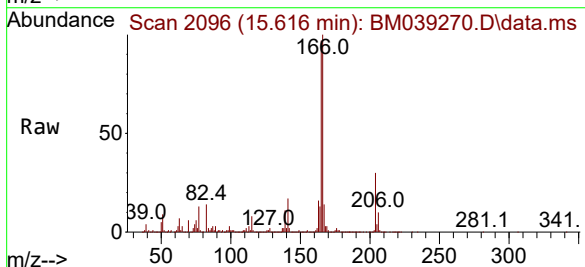
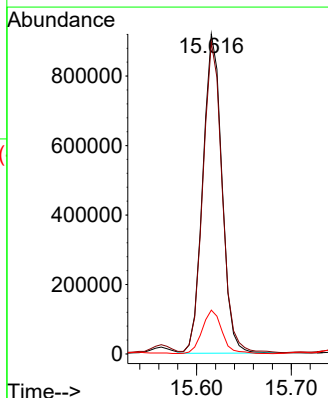
Tgt Ion:166 Resp: 1286084

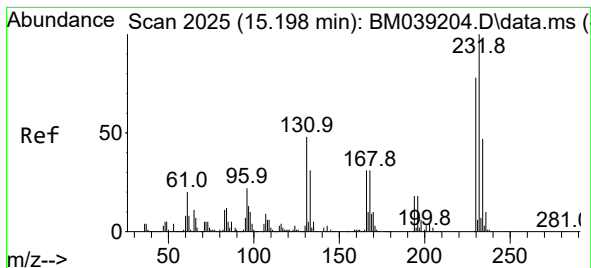
Ion Ratio Lower Upper

166 100

165 97.4 76.9 115.3

167 13.7 10.8 16.2

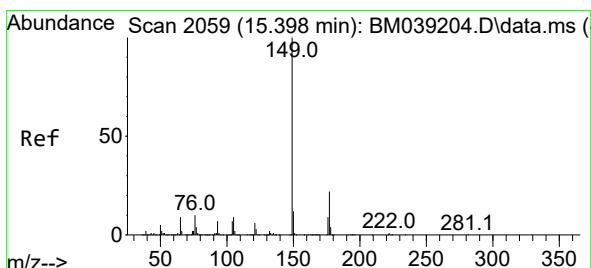
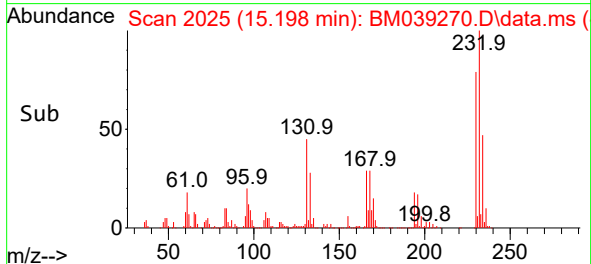
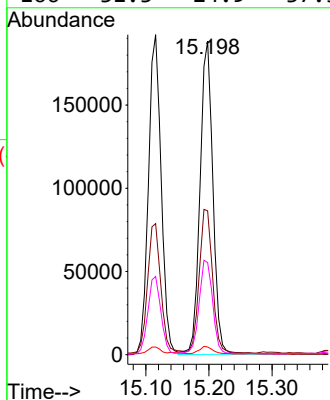
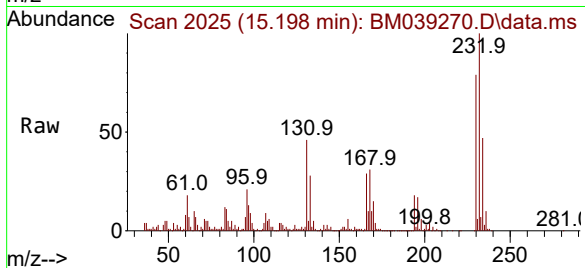




#59
2,3,4,6-Tetrachlorophenol
Concen: 20.559 ng
RT: 15.198 min Scan# 2025
Delta R.T. 0.006 min
Lab File: BM039270.D
Acq: 01 Apr 2023 01:33

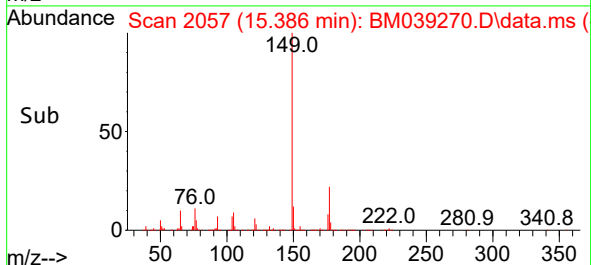
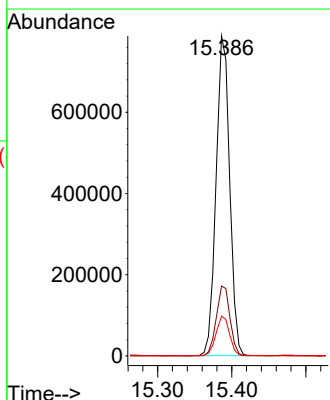
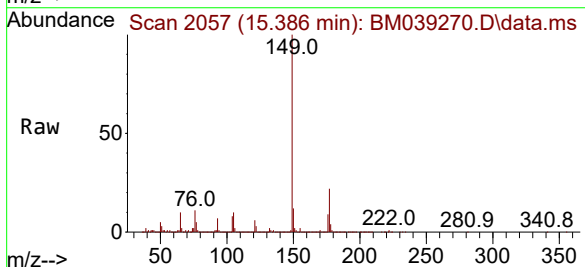
Instrument :
BNA_M
ClientSampleId :
SU-03-033023MSD

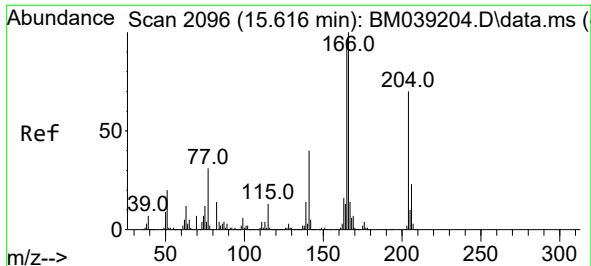
Tgt Ion:232 Resp: 265965
Ion Ratio Lower Upper
232 100
131 47.6 37.7 56.5
130 2.5 1.9 2.9
166 31.3 24.9 37.3



#60
Diethylphthalate
Concen: 19.323 ng
RT: 15.386 min Scan# 2057
Delta R.T. -0.000 min
Lab File: BM039270.D
Acq: 01 Apr 2023 01:33

Tgt Ion:149 Resp: 1001331
Ion Ratio Lower Upper
149 100
177 21.9 17.7 26.5
150 12.5 9.8 14.6

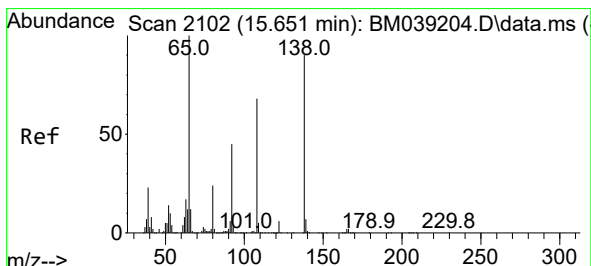
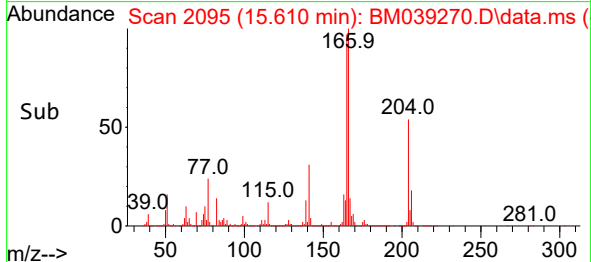
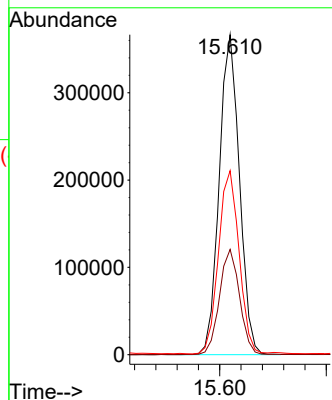
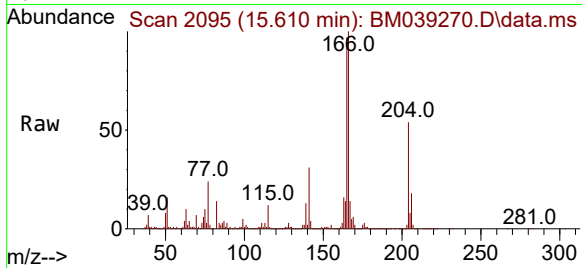




#61
4-Chlorophenyl-phenylether
Concen: 19.669 ng
RT: 15.610 min Scan# 2096
Delta R.T. 0.006 min
Lab File: BM039270.D
Acq: 01 Apr 2023 01:33

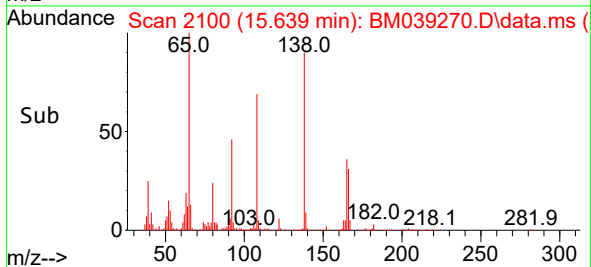
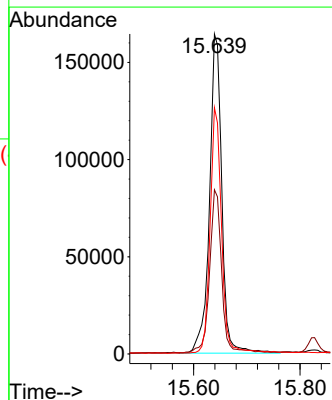
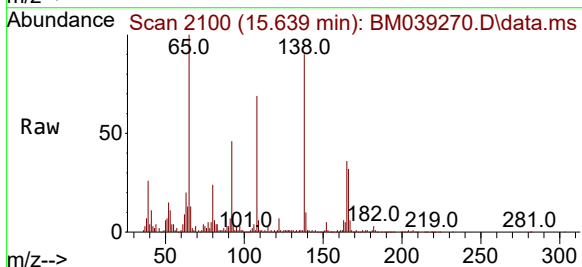
Instrument :
BNA_M
ClientSampleId :
SU-03-033023MSD

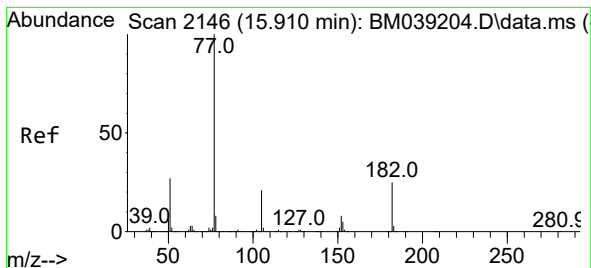
Tgt Ion:204 Resp: 481737
Ion Ratio Lower Upper
204 100
206 32.9 26.1 39.1
141 57.5 45.8 68.6



#62
4-Nitroaniline
Concen: 20.079 ng
RT: 15.639 min Scan# 2100
Delta R.T. -0.000 min
Lab File: BM039270.D
Acq: 01 Apr 2023 01:33

Tgt Ion:138 Resp: 263723
Ion Ratio Lower Upper
138 100
92 51.3 30.5 70.5
108 77.0 55.5 95.5





#63

Azobenzene

Concen: 21.717 ng

RT: 15.904 min Scan# 2145

Delta R.T. 0.006 min

Lab File: BM039270.D

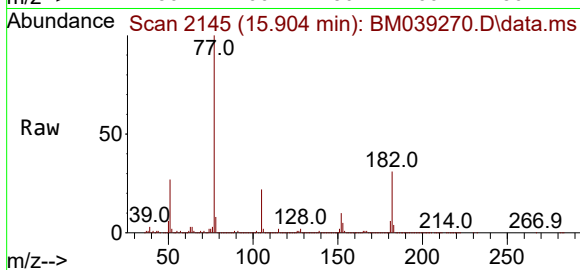
Acq: 01 Apr 2023 01:33

Instrument :

BNA_M

ClientSampleId :

SU-03-033023MSD



Tgt Ion: 77 Resp: 1127486

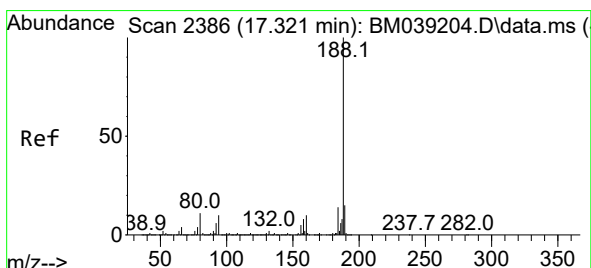
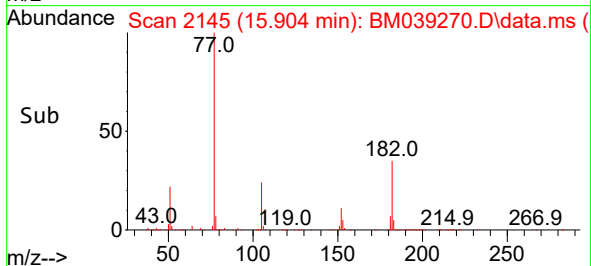
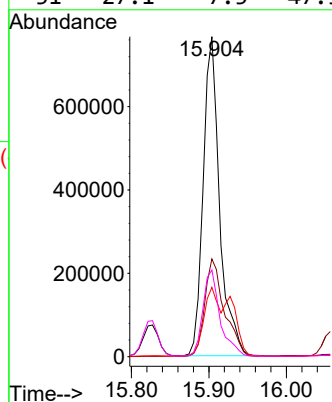
Ion Ratio Lower Upper

77 100

182 30.6 4.8 44.8

105 21.7 1.4 41.4

51 27.1 7.5 47.5



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.315 min Scan# 2385

Delta R.T. 0.006 min

Lab File: BM039270.D

Acq: 01 Apr 2023 01:33

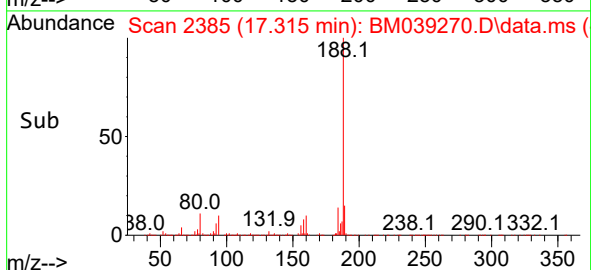
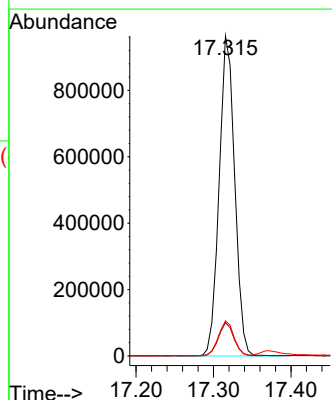
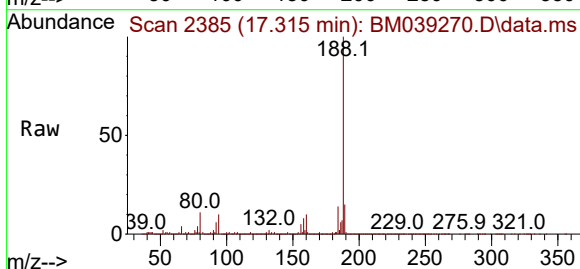
Tgt Ion: 188 Resp: 1344319

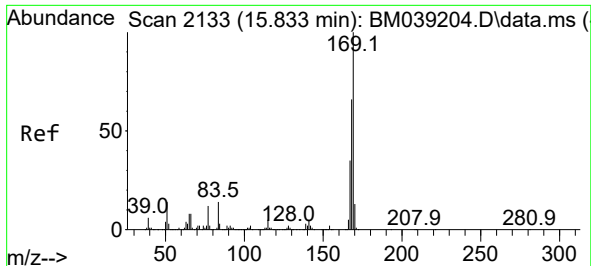
Ion Ratio Lower Upper

188 100

94 10.4 8.2 12.4

80 11.0 8.9 13.3

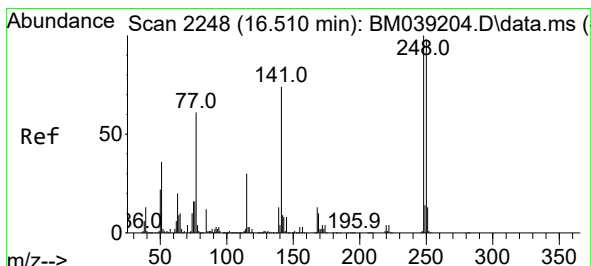
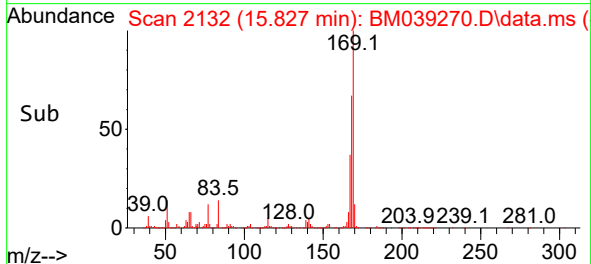
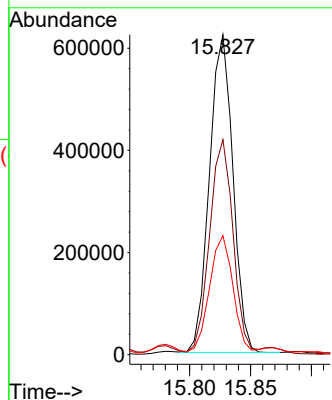
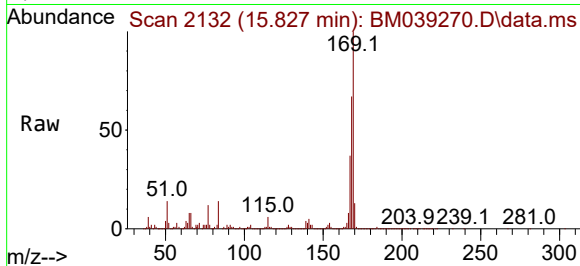




#66
n-Nitrosodiphenylamine
Concen: 19.693 ng
RT: 15.827 min Scan# 2132
Delta R.T. 0.006 min
Lab File: BM039270.D
Acq: 01 Apr 2023 01:33

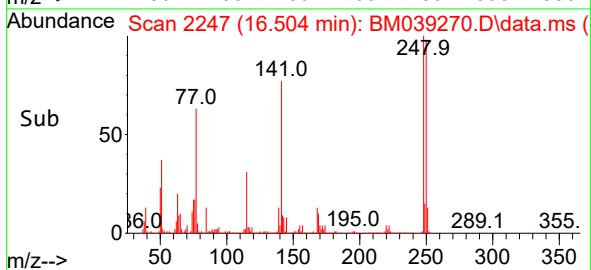
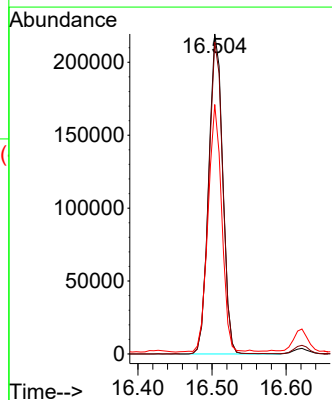
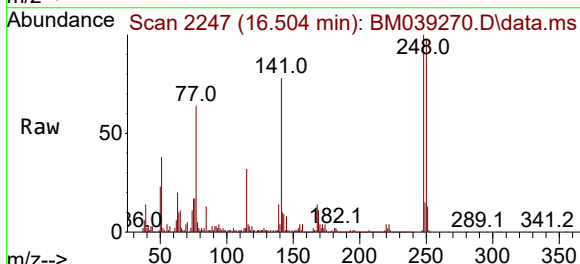
Instrument :
BNA_M
ClientSampleId :
SU-03-033023MSD

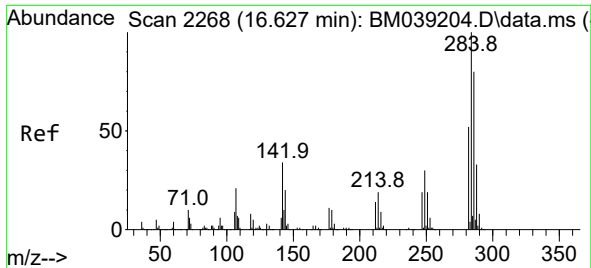
Tgt Ion:169 Resp: 834239
Ion Ratio Lower Upper
169 100
168 67.2 52.8 79.2
167 37.2 28.4 42.6



#67
4-Bromophenyl-phenylether
Concen: 20.178 ng
RT: 16.504 min Scan# 2247
Delta R.T. 0.006 min
Lab File: BM039270.D
Acq: 01 Apr 2023 01:33

Tgt Ion:248 Resp: 289692
Ion Ratio Lower Upper
248 100
250 97.5 78.8 118.2
141 78.0 58.8 88.2

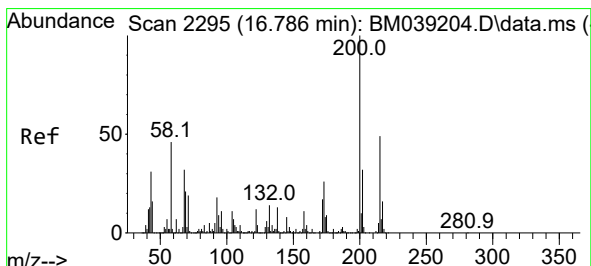
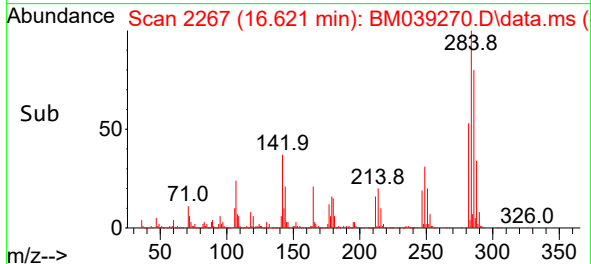
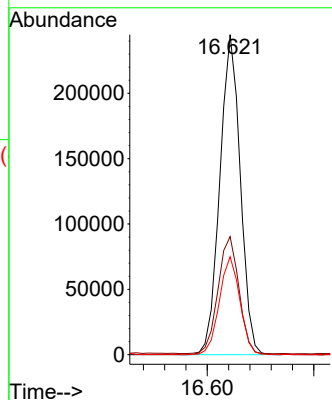
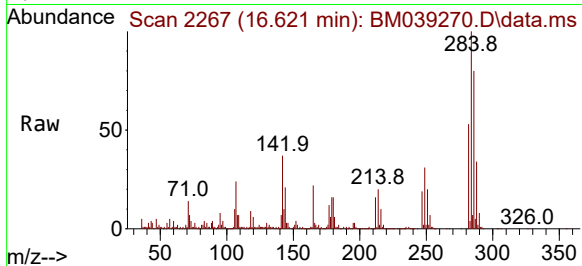




#68
Hexachlorobenzene
Concen: 20.930 ng
RT: 16.621 min Scan# 21
Delta R.T. 0.006 min
Lab File: BM039270.D
Acq: 01 Apr 2023 01:33

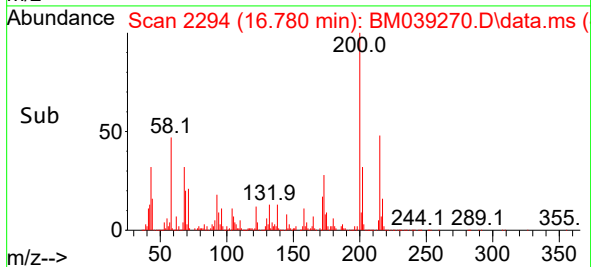
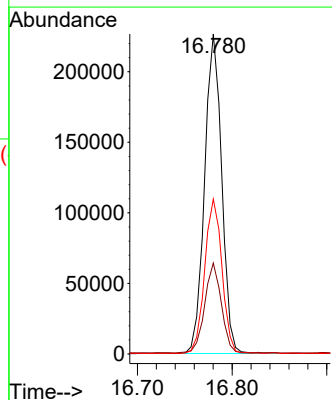
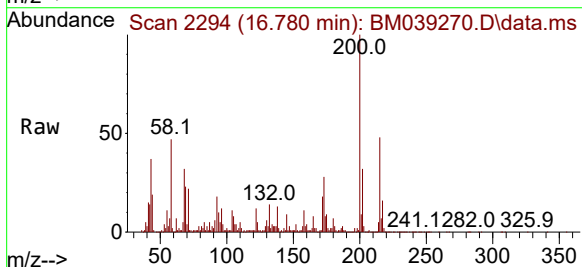
Instrument :
BNA_M
ClientSampleId :
SU-03-033023MSD

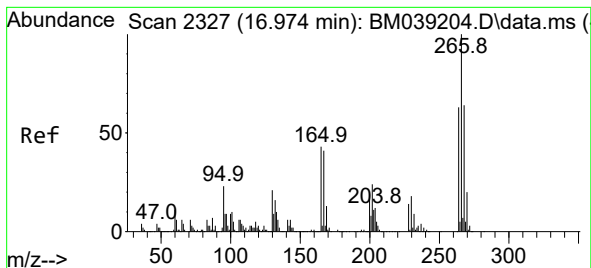
Tgt Ion:284 Resp: 325808
Ion Ratio Lower Upper
284 100
142 36.9 27.4 41.2
249 30.6 24.4 36.6



#69
Atrazine
Concen: 21.157 ng
RT: 16.780 min Scan# 2294
Delta R.T. 0.006 min
Lab File: BM039270.D
Acq: 01 Apr 2023 01:33

Tgt Ion:200 Resp: 283863
Ion Ratio Lower Upper
200 100
173 28.4 6.4 46.4
215 48.4 28.9 68.9





#70

Pentachlorophenol

Concen: 37.238 ng

RT: 16.968 min Scan# 21

Delta R.T. 0.006 min

Lab File: BM039270.D

Acq: 01 Apr 2023 01:33

Instrument :

BNA_M

ClientSampleId :

SU-03-033023MSD

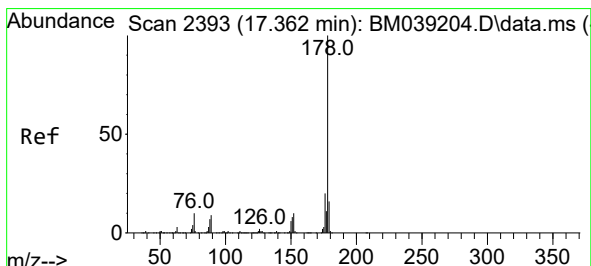
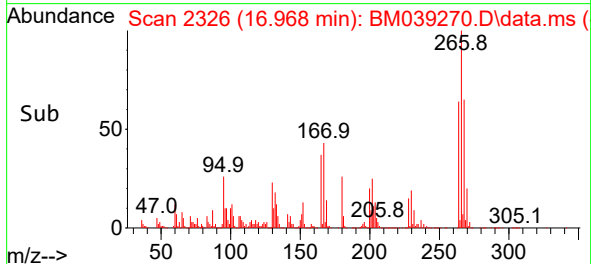
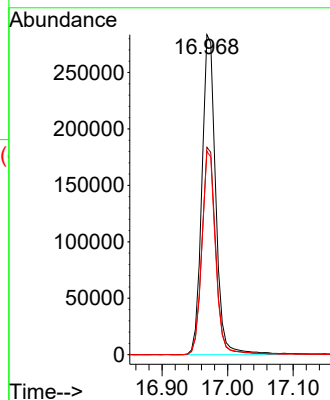
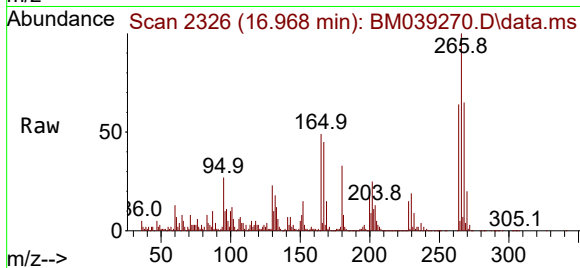
Tgt Ion:266 Resp: 415889

Ion Ratio Lower Upper

266 100

268 64.8 51.4 77.2

264 63.6 50.2 75.4



#71

Phenanthrene

Concen: 65.403 ng

RT: 17.362 min Scan# 2393

Delta R.T. 0.006 min

Lab File: BM039270.D

Acq: 01 Apr 2023 01:33

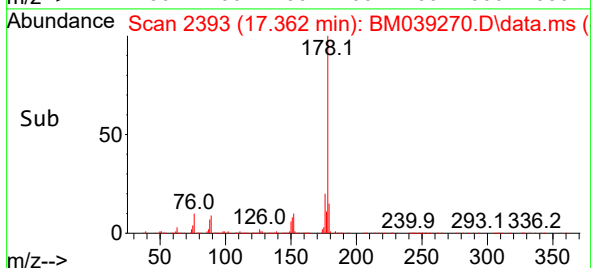
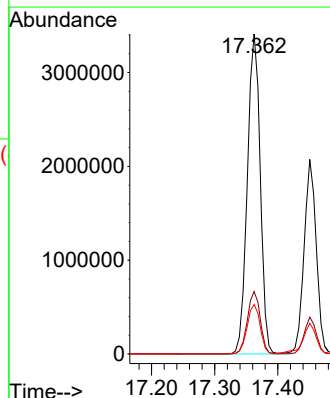
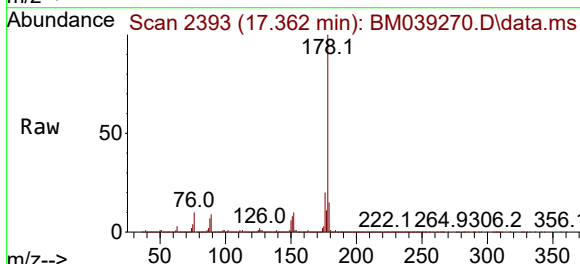
Tgt Ion:178 Resp: 4815410

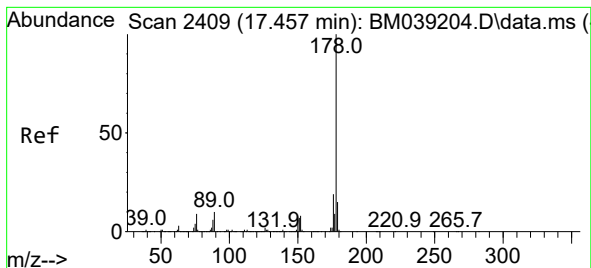
Ion Ratio Lower Upper

178 100

176 19.5 15.7 23.5

179 15.5 12.4 18.6





#72

Anthracene

Concen: 36.557 ng

RT: 17.451 min Scan# 2409

Delta R.T. 0.006 min

Lab File: BM039270.D

Acq: 01 Apr 2023 01:33

Instrument :

BNA_M

ClientSampleId :

SU-03-033023MSD

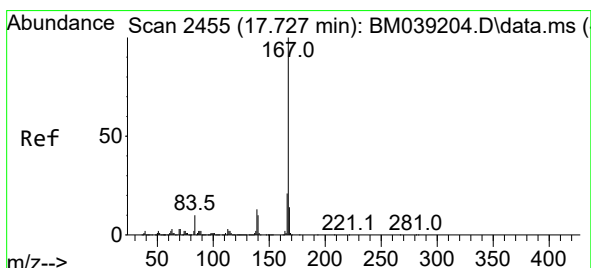
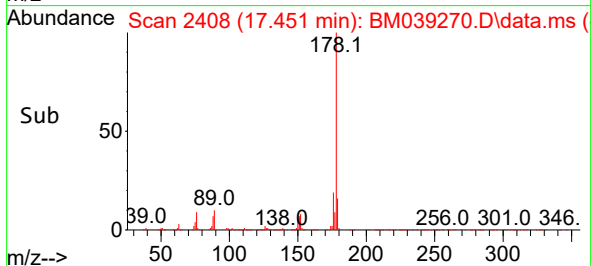
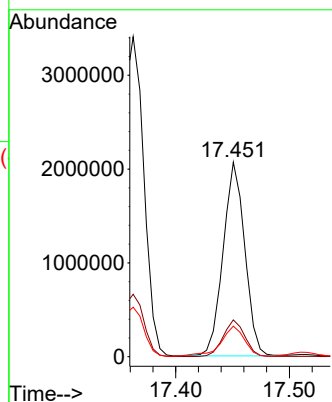
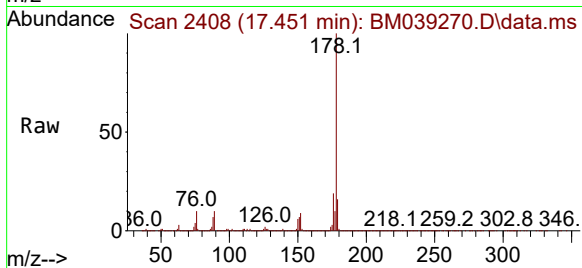
Tgt Ion:178 Resp: 2744508

Ion Ratio Lower Upper

178 100

176 18.9 14.9 22.3

179 15.7 12.2 18.2



#73

Carbazole

Concen: 25.507 ng

RT: 17.727 min Scan# 2455

Delta R.T. 0.006 min

Lab File: BM039270.D

Acq: 01 Apr 2023 01:33

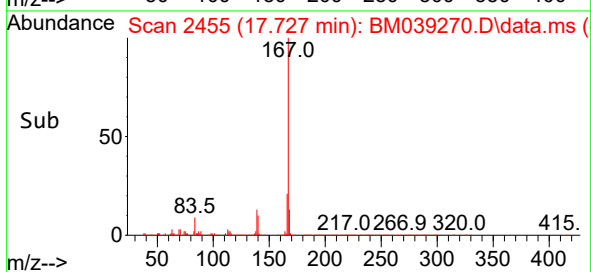
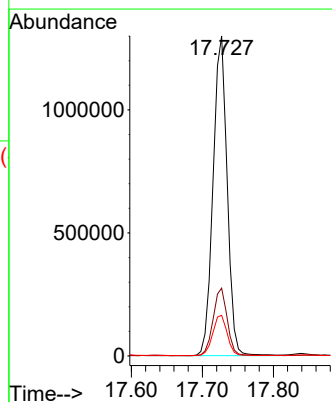
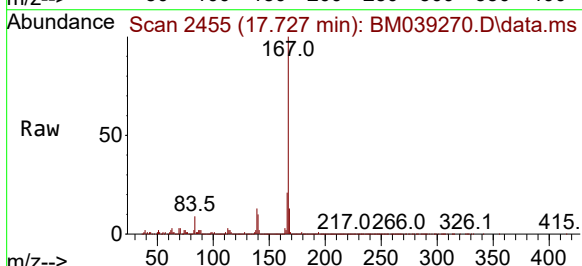
Tgt Ion:167 Resp: 1789372

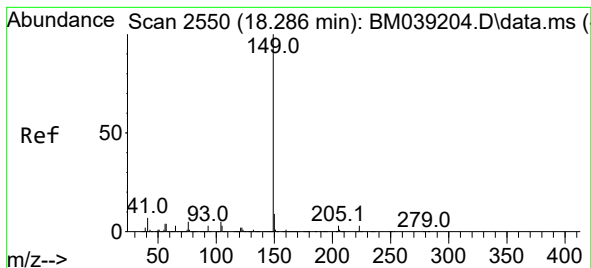
Ion Ratio Lower Upper

167 100

166 21.2 17.2 25.8

139 12.7 10.6 16.0





#74

Di-n-butylphthalate

Concen: 21.271 ng

RT: 18.286 min Scan# 21

Delta R.T. 0.006 min

Lab File: BM039270.D

Acq: 01 Apr 2023 01:33

Instrument :

BNA_M

ClientSampleId :

SU-03-033023MSD

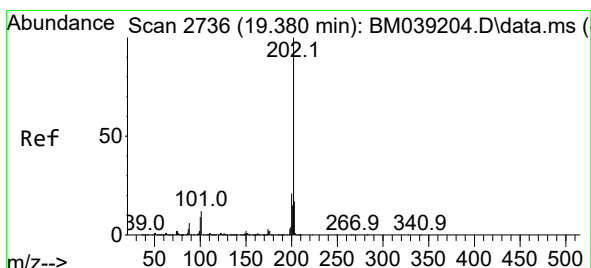
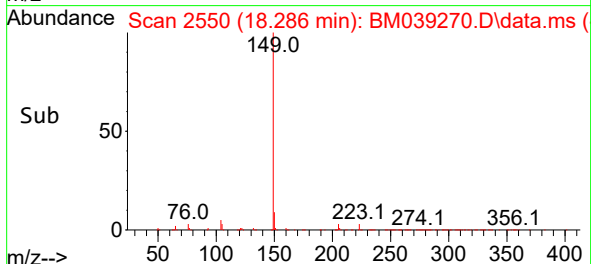
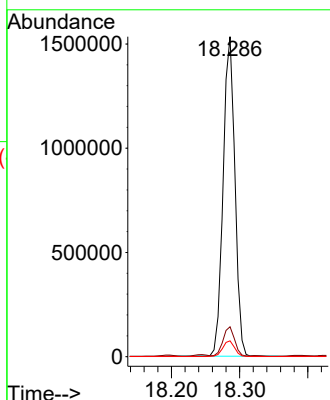
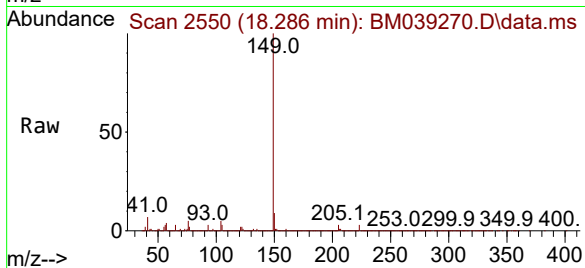
Tgt Ion:149 Resp: 1845810

Ion Ratio Lower Upper

149 100

150 9.4 7.5 11.3

104 4.9 4.1 6.1



#75

Fluoranthene

Concen: 72.431 ng

RT: 19.380 min Scan# 2736

Delta R.T. 0.011 min

Lab File: BM039270.D

Acq: 01 Apr 2023 01:33

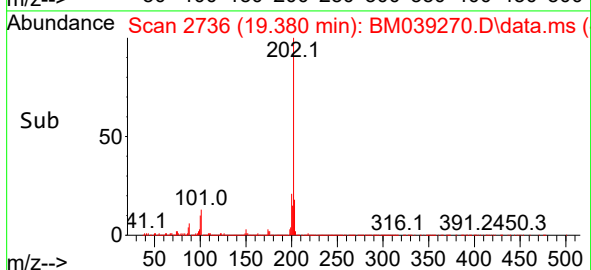
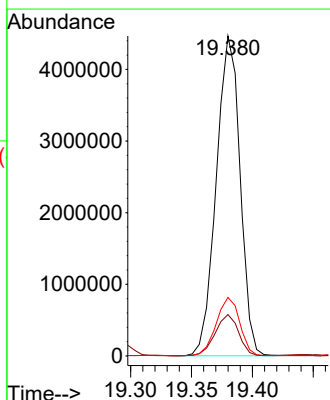
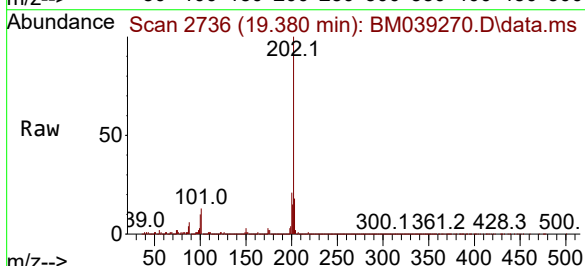
Tgt Ion:202 Resp: 6078996

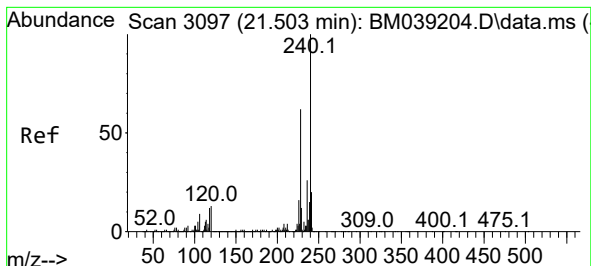
Ion Ratio Lower Upper

202 100

101 12.9 0.0 32.5

203 18.3 0.0 37.5





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.503 min Scan# 3097

Delta R.T. 0.006 min

Lab File: BM039270.D

Acq: 01 Apr 2023 01:33

Instrument :

BNA_M

ClientSampleId :

SU-03-033023MSD

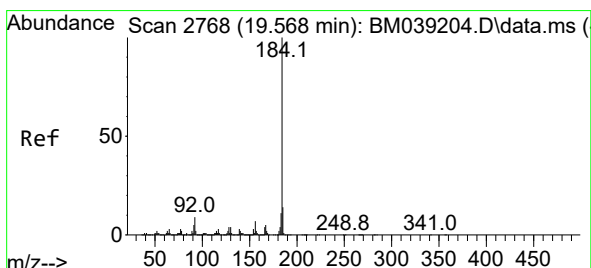
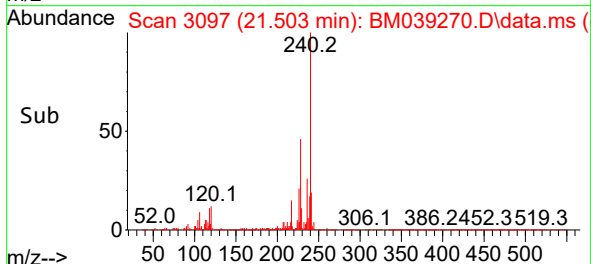
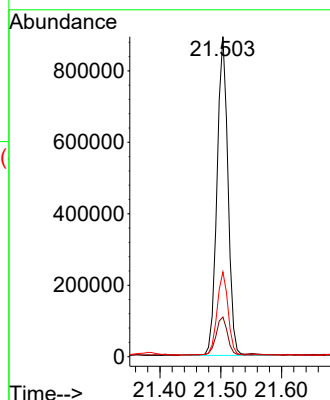
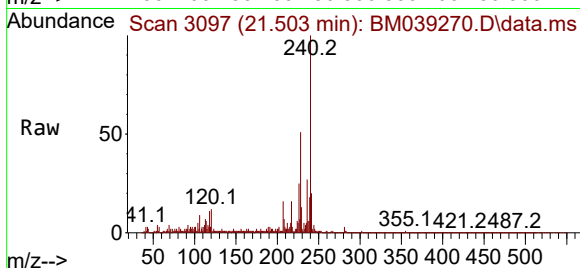
Tgt Ion:240 Resp: 1114807

Ion Ratio Lower Upper

240 100

120 12.4 10.2 15.2

236 26.5 20.9 31.3



#77

Benzidine

Concen: 23.176 ng

RT: 19.574 min Scan# 2769

Delta R.T. 0.017 min

Lab File: BM039270.D

Acq: 01 Apr 2023 01:33

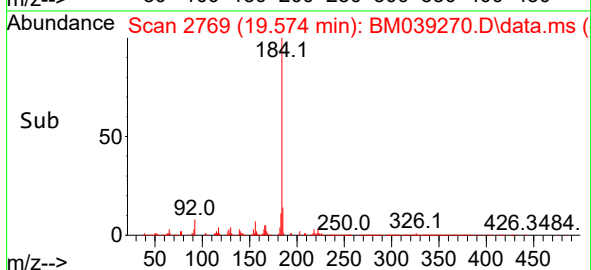
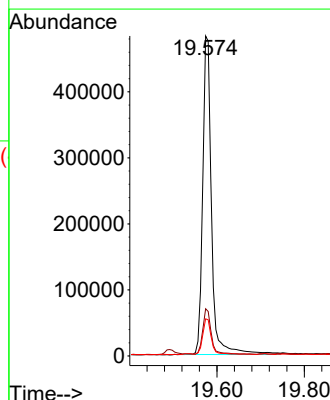
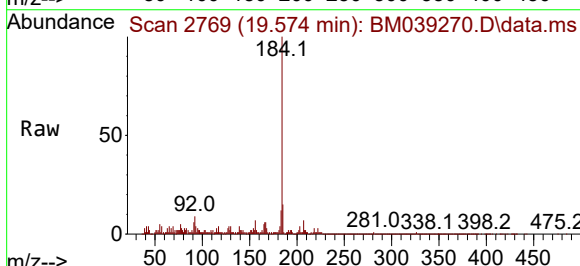
Tgt Ion:184 Resp: 681491

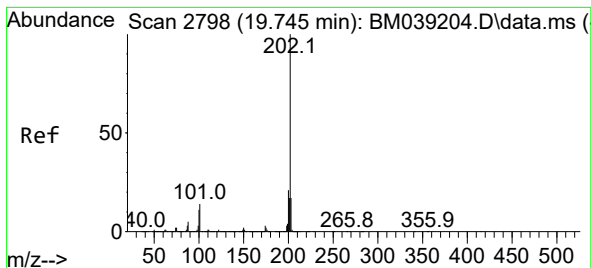
Ion Ratio Lower Upper

184 100

185 14.7 11.4 17.0

183 11.6 9.0 13.4





#78

Pyrene

Concen: 72.686 ng

RT: 19.745 min Scan# 21

Delta R.T. 0.011 min

Lab File: BM039270.D

Acq: 01 Apr 2023 01:33

Instrument :

BNA_M

ClientSampleId :

SU-03-033023MSD

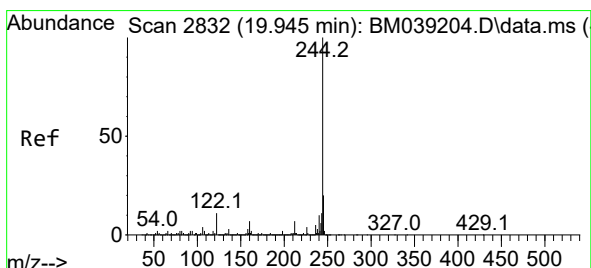
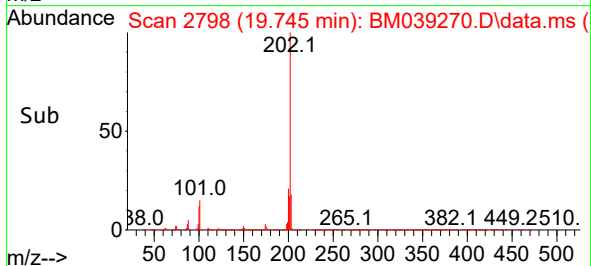
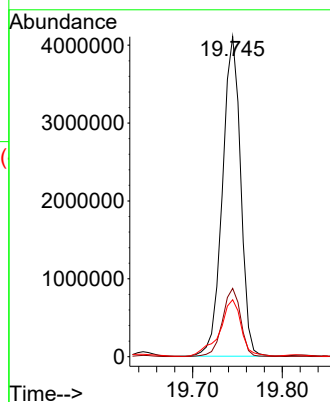
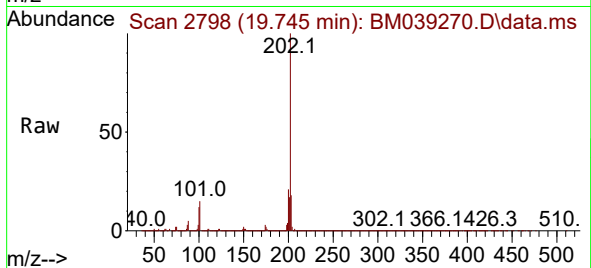
Tgt Ion:202 Resp: 5768531

Ion Ratio Lower Upper

202 100

200 21.3 17.1 25.7

203 17.8 13.9 20.9



#79

Terphenyl-d14

Concen: 29.434 ng

RT: 19.939 min Scan# 2831

Delta R.T. 0.006 min

Lab File: BM039270.D

Acq: 01 Apr 2023 01:33

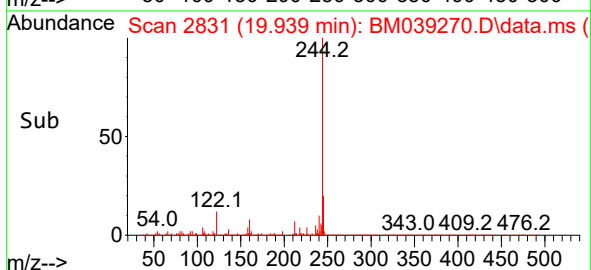
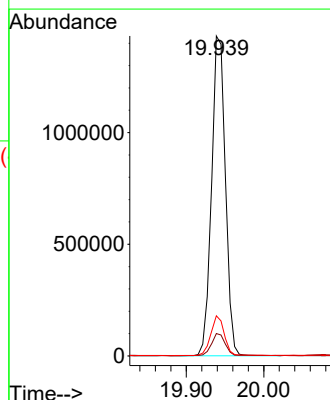
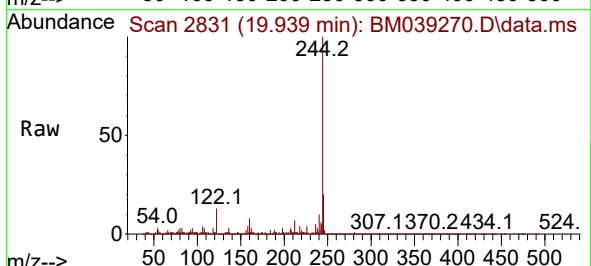
Tgt Ion:244 Resp: 1776024

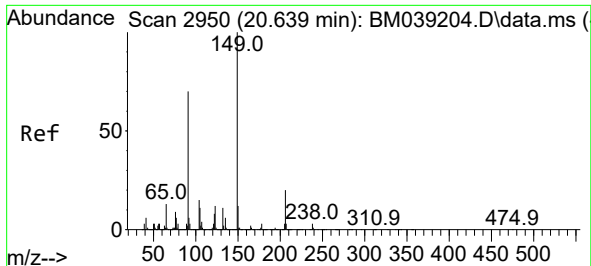
Ion Ratio Lower Upper

244 100

212 7.0 5.6 8.4

122 12.5 9.1 13.7

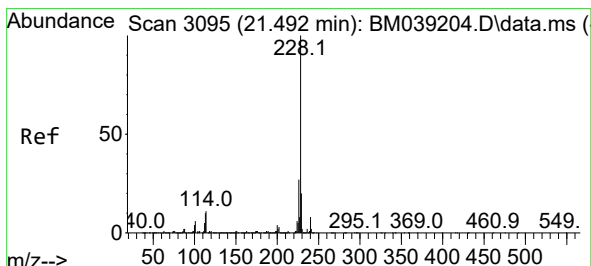
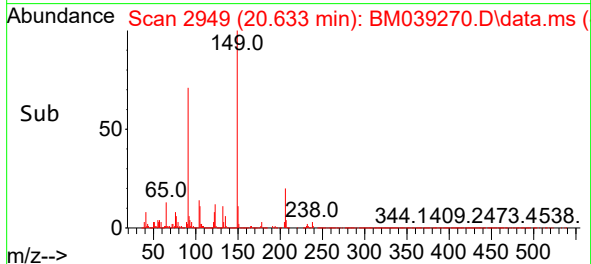
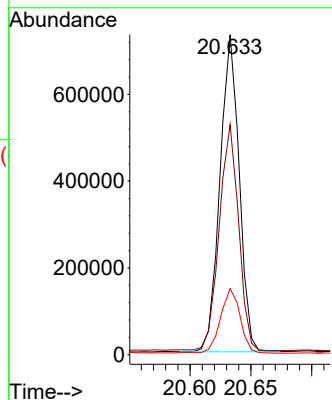
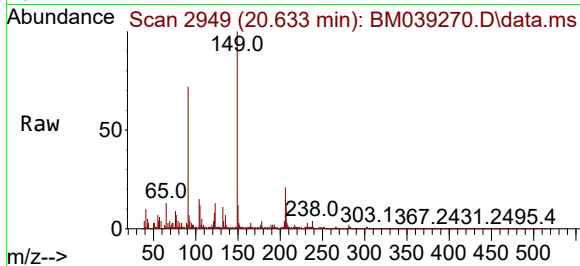




#80
Butylbenzylphthalate
Concen: 22.090 ng
RT: 20.633 min Scan# 2950
Delta R.T. 0.006 min
Lab File: BM039270.D
Acq: 01 Apr 2023 01:33

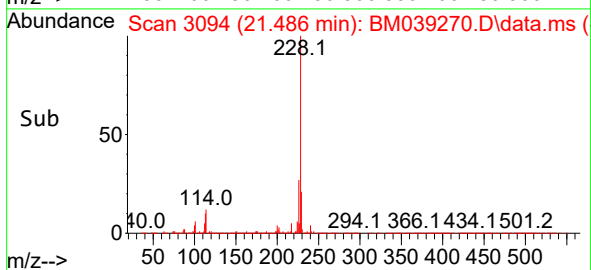
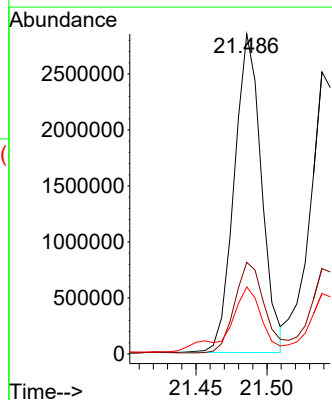
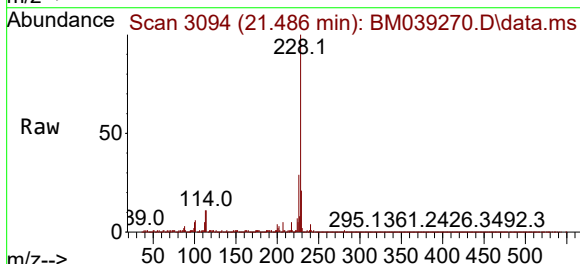
Instrument :
BNA_M
ClientSampleId :
SU-03-033023MSD

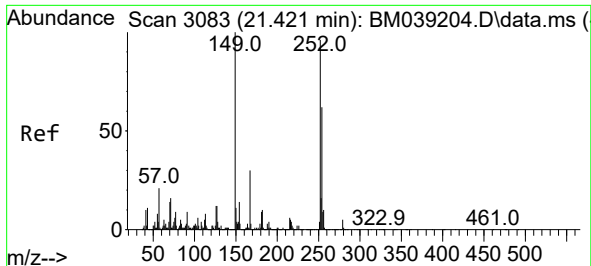
Tgt Ion:149 Resp: 803162
Ion Ratio Lower Upper
149 100
91 71.9 56.3 84.5
206 20.7 16.4 24.6



#81
Benzo(a)anthracene
Concen: 48.303 ng
RT: 21.486 min Scan# 3094
Delta R.T. 0.006 min
Lab File: BM039270.D
Acq: 01 Apr 2023 01:33

Tgt Ion:228 Resp: 3797745
Ion Ratio Lower Upper
228 100
226 28.7 21.9 32.9
229 21.0 15.8 23.6

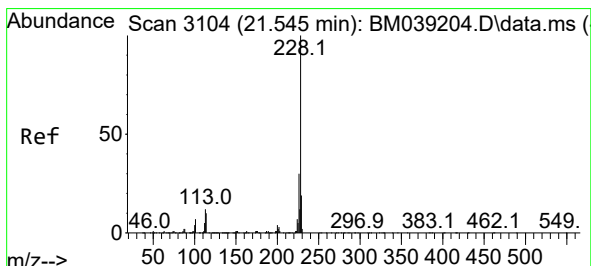
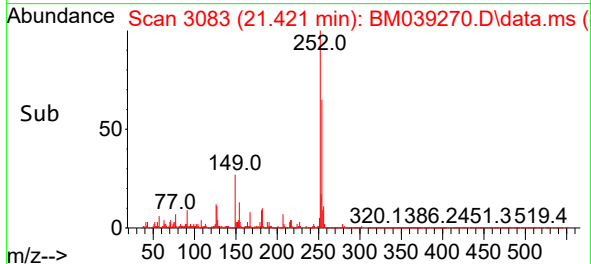
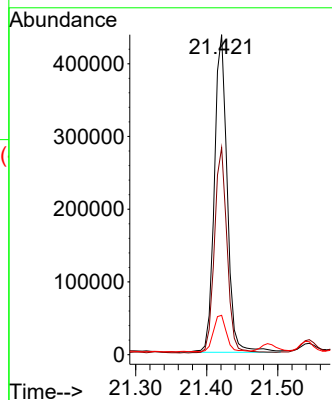
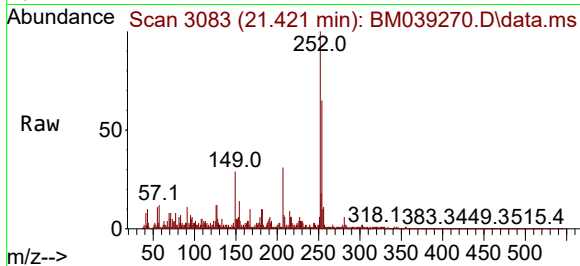




#82
 3,3'-Dichlorobenzidine
 Concen: 20.944 ng
 RT: 21.421 min Scan# 3083
 Delta R.T. 0.006 min
 Lab File: BM039270.D
 Acq: 01 Apr 2023 01:33

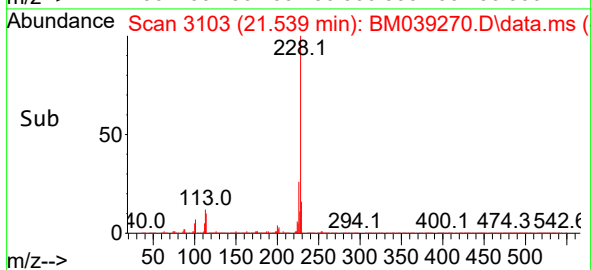
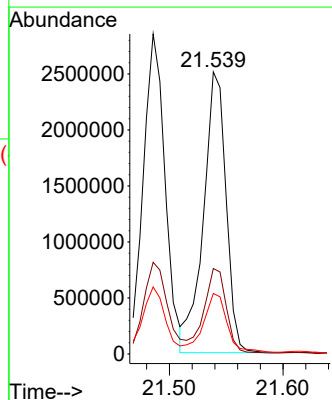
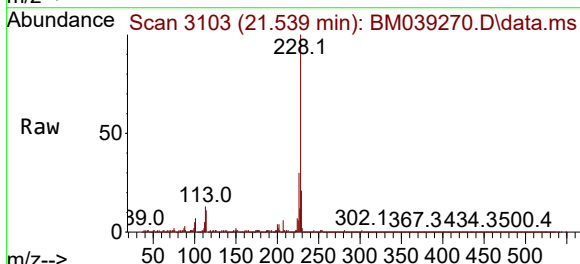
Instrument :
 BNA_M
 ClientSampleId :
 SU-03-033023MSD

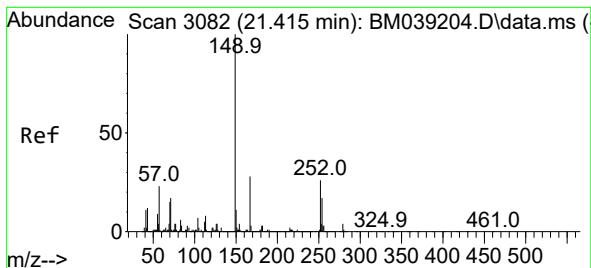
Tgt Ion:252 Resp: 548554
 Ion Ratio Lower Upper
 252 100
 254 64.7 51.8 77.8
 126 12.3 10.1 15.1



#83
 Chrysene
 Concen: 45.547 ng
 RT: 21.539 min Scan# 3103
 Delta R.T. 0.006 min
 Lab File: BM039270.D
 Acq: 01 Apr 2023 01:33

Tgt Ion:228 Resp: 3457037
 Ion Ratio Lower Upper
 228 100
 226 30.3 24.1 36.1
 229 21.4 15.5 23.3





#84

Bis(2-ethylhexyl)phthalate

Concen: 21.548 ng

RT: 21.403 min Scan# 30

Delta R.T. -0.000 min

Lab File: BM039270.D

Acq: 01 Apr 2023 01:33

Instrument :

BNA_M

ClientSampleId :

SU-03-033023MSD

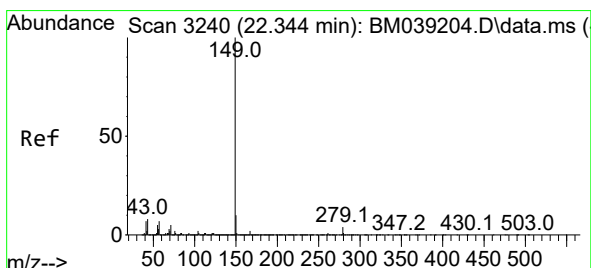
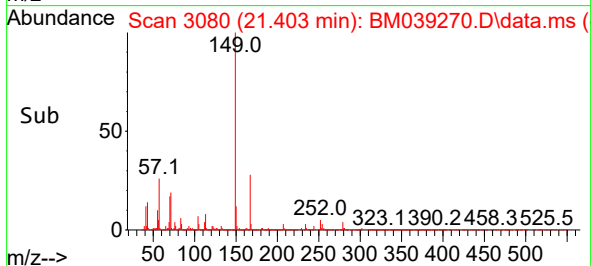
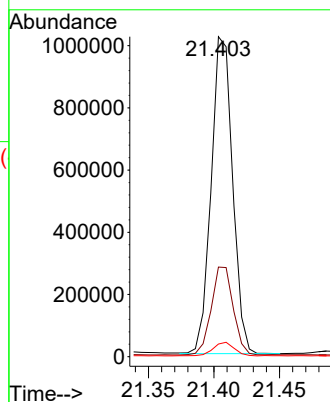
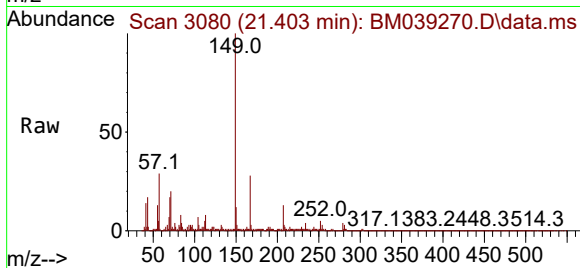
Tgt Ion:149 Resp: 1157086

Ion Ratio Lower Upper

149 100

167 28.0 22.3 33.5

279 4.0 3.4 5.2



#85

Di-n-octyl phthalate

Concen: 20.725 ng

RT: 22.333 min Scan# 3238

Delta R.T. -0.000 min

Lab File: BM039270.D

Acq: 01 Apr 2023 01:33

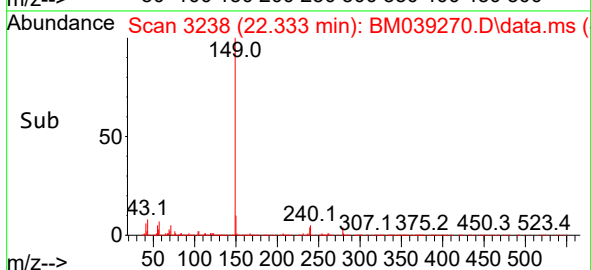
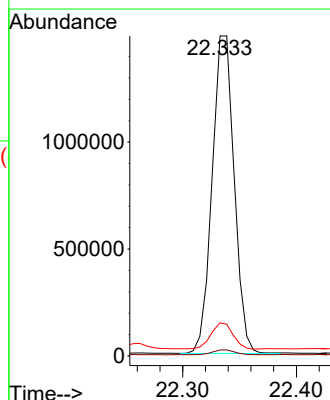
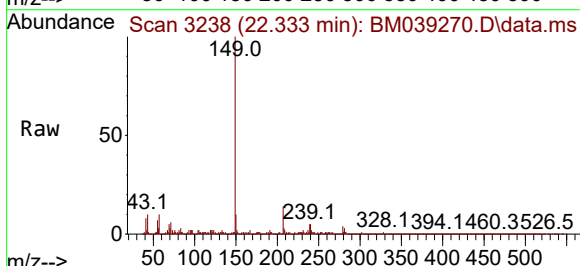
Tgt Ion:149 Resp: 2005087

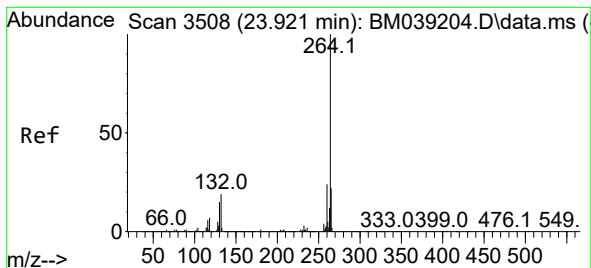
Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

43 8.1 6.9 10.3





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.921 min Scan# 3508

Delta R.T. 0.017 min

Lab File: BM039270.D

Acq: 01 Apr 2023 01:33

Instrument :

BNA_M

ClientSampleId :

SU-03-033023MSD

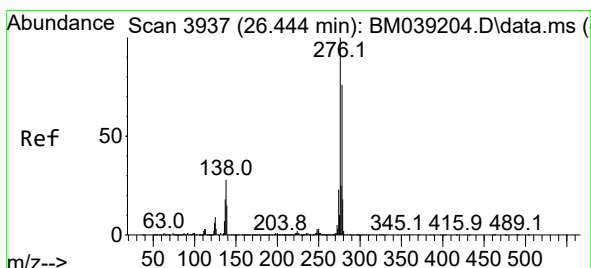
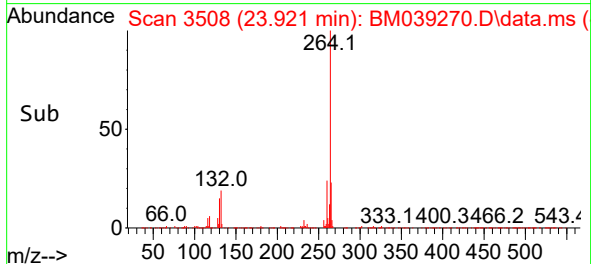
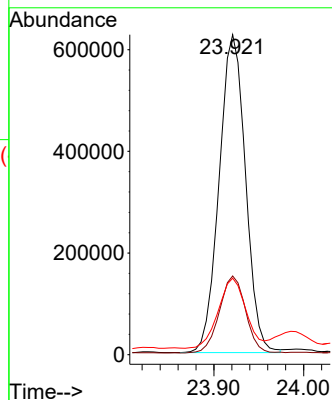
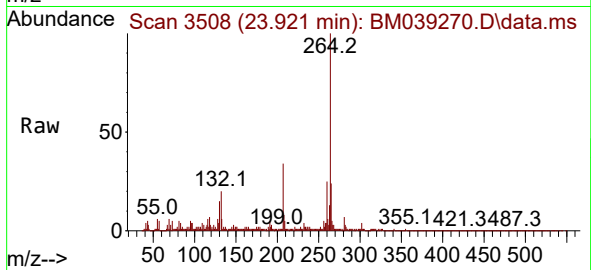
Tgt Ion:264 Resp: 1275790

Ion Ratio Lower Upper

264 100

260 24.6 19.0 28.6

265 23.9 18.1 27.1



#87

Indeno(1,2,3-cd)pyrene

Concen: 34.291 ng

RT: 26.444 min Scan# 3937

Delta R.T. 0.029 min

Lab File: BM039270.D

Acq: 01 Apr 2023 01:33

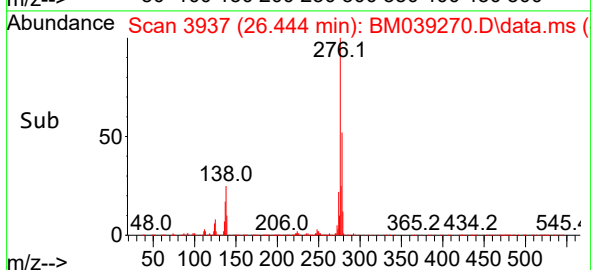
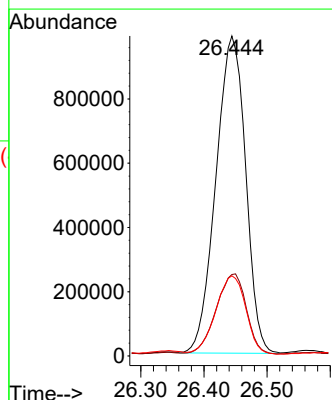
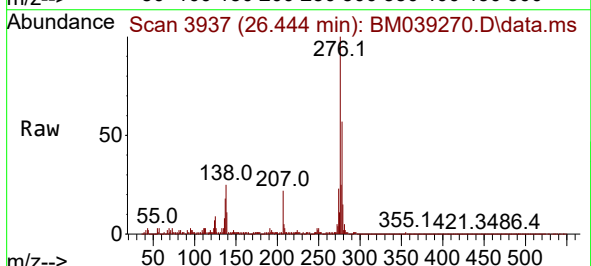
Tgt Ion:276 Resp: 3223314

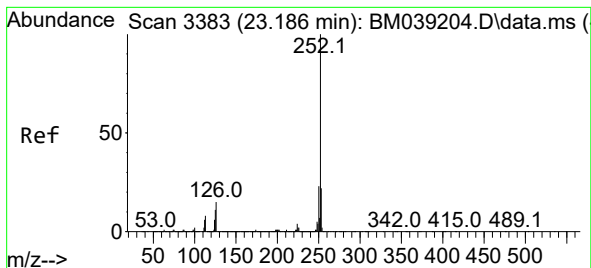
Ion Ratio Lower Upper

276 100

138 25.9 22.2 33.2

277 25.0 20.2 30.2





#88

Benzo(b)fluoranthene

Concen: 53.824 ng

RT: 23.186 min Scan# 3383

Delta R.T. 0.011 min

Lab File: BM039270.D

Acq: 01 Apr 2023 01:33

Instrument :

BNA_M

ClientSampleId :

SU-03-033023MSD

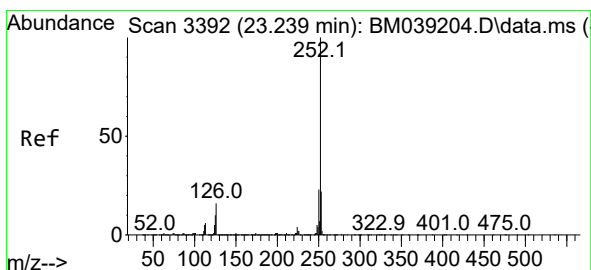
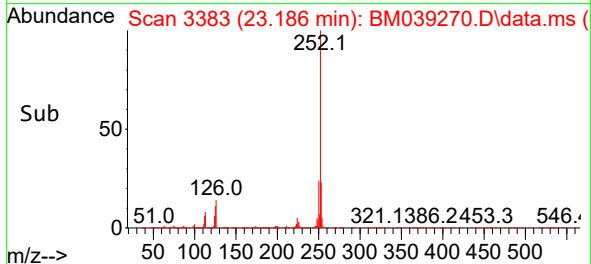
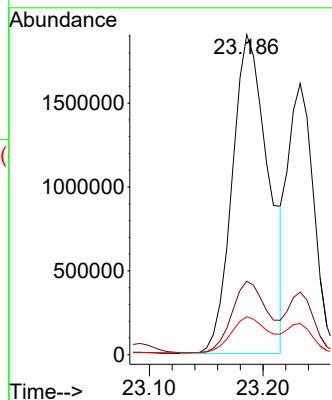
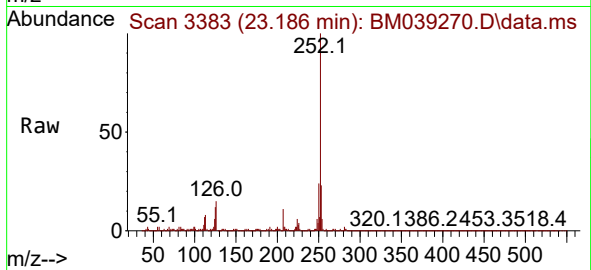
Tgt Ion:252 Resp: 4201691

Ion Ratio Lower Upper

252 100

253 23.0 17.6 26.4

125 11.9 9.0 13.6



#89

Benzo(k)fluoranthene

Concen: 31.781 ng

RT: 23.233 min Scan# 3391

Delta R.T. 0.011 min

Lab File: BM039270.D

Acq: 01 Apr 2023 01:33

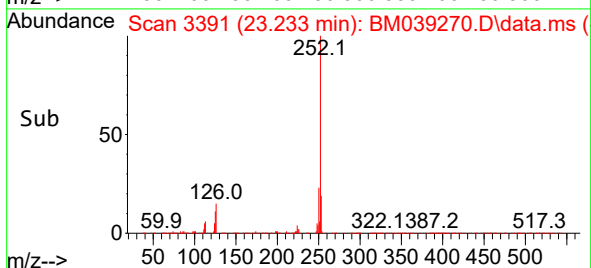
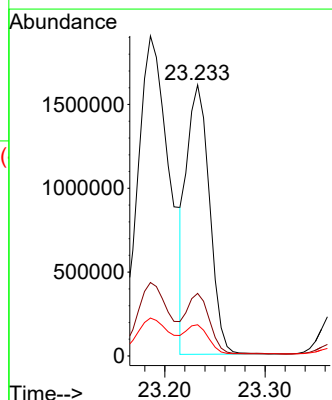
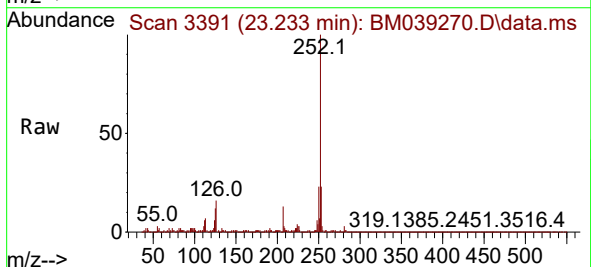
Tgt Ion:252 Resp: 2527026

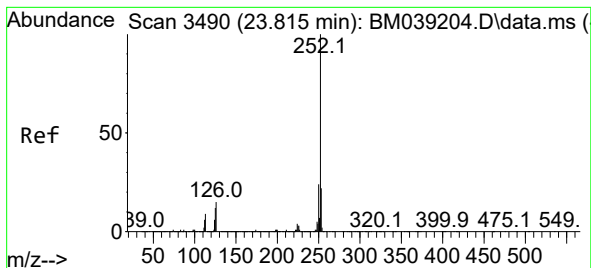
Ion Ratio Lower Upper

252 100

253 23.1 17.8 26.8

125 11.5 8.5 12.7





#90

Benzo(a)pyrene

Concen: 44.892 ng

RT: 23.821 min Scan# 34

Delta R.T. 0.023 min

Lab File: BM039270.D

Acq: 01 Apr 2023 01:33

Instrument :

BNA_M

ClientSampleId :

SU-03-033023MSD

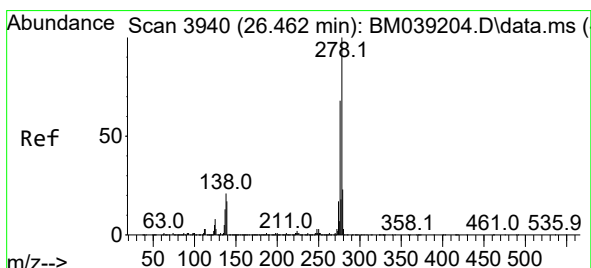
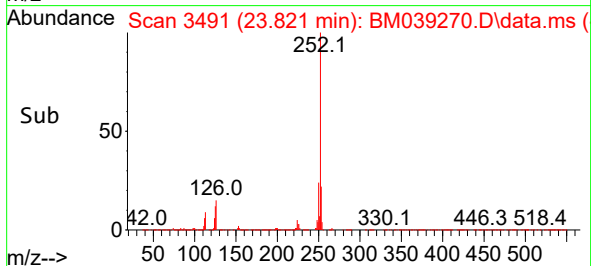
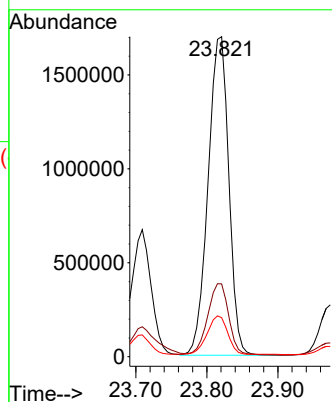
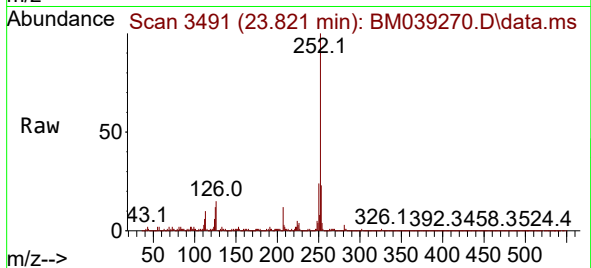
Tgt Ion:252 Resp: 3442616

Ion Ratio Lower Upper

252 100

253 22.8 17.6 26.4

125 12.2 9.8 14.6



#91

Dibenzo(a,h)anthracene

Concen: 24.586 ng

RT: 26.456 min Scan# 3939

Delta R.T. 0.029 min

Lab File: BM039270.D

Acq: 01 Apr 2023 01:33

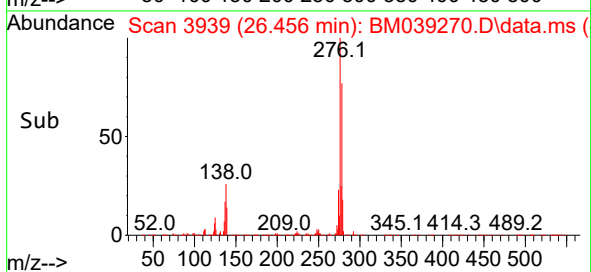
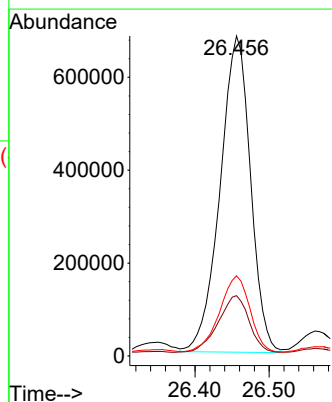
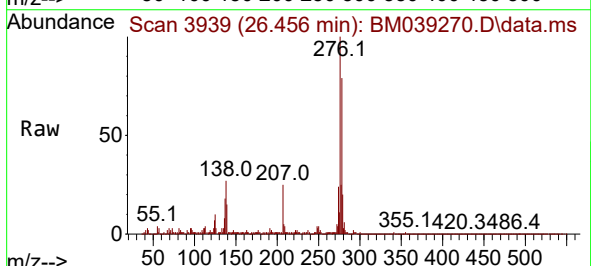
Tgt Ion:278 Resp: 1940586

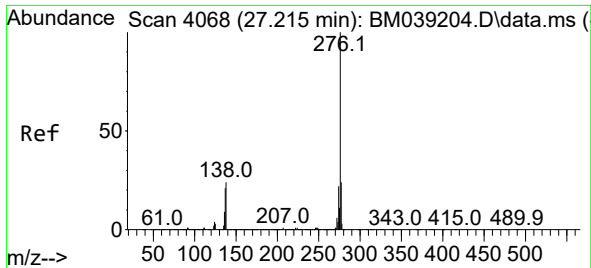
Ion Ratio Lower Upper

278 100

139 18.9 13.9 20.9

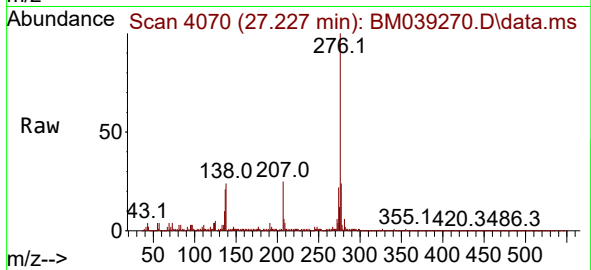
279 25.0 18.8 28.2





#92
 Benzo(g,h,i)perylene
 Concen: 37.065 ng
 RT: 27.227 min Scan# 40
 Delta R.T. 0.041 min
 Lab File: BM039270.D
 Acq: 01 Apr 2023 01:33

Instrument :
 BNA_M
 ClientSampleId :
 SU-03-033023MSD



Tgt Ion:276 Resp: 2877076

Ion	Ratio	Lower	Upper
276	100		
277	24.2	19.1	28.7
138	24.2	19.5	29.3

