

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051223\
 Data File : BM039922.D
 Acq On : 12 May 2023 17:56
 Operator : CG/JU
 Sample : PB152676TB
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB152676TB

Quant Time: May 13 02:59:52 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM051223.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat May 13 02:16:09 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.037	152	498203	20.000	ng	0.00
21) Naphthalene-d8	10.854	136	2097769	20.000	ng	0.00
39) Acenaphthene-d10	14.672	164	1258225	20.000	ng	0.00
64) Phenanthrene-d10	17.413	188	2664485	20.000	ng	0.00
76) Chrysene-d12	21.583	240	1845215	20.000	ng	0.00
86) Perylene-d12	24.042	264	1767682	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.578	112	5039215	164.377	ng	0.00
7) Phenol-d6	7.190	99	6351098	155.479	ng	0.00
23) Nitrobenzene-d5	9.201	82	3435114	95.904	ng	0.00
42) 2,4,6-Tribromophenol	16.154	330	3381522	139.402	ng	0.00
45) 2-Fluorobiphenyl	13.301	172	9983381	101.496	ng	0.00
79) Terphenyl-d14	20.024	244	12502537	122.630	ng	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.437	88	401	0.035	ng	# 1
3) Pyridine	3.808	79	184	0.006	ng	# 1
4) n-Nitrosodimethylamine	3.737	42	334	0.028	ng	# 1
6) Aniline	7.396	93	1752	0.034	ng	# 78
9) Benzaldehyde	7.184	77	17729	Below Cal		# 20
10) Phenol	7.237	94	148	0.004	ng	# 1
11) bis(2-Chloroethyl)ether	7.460	93	323	0.009	ng	# 61
15) Benzyl Alcohol	8.278	79	1336	0.049	ng	# 70
16) 2,2'-oxybis(1-Chloropr...	8.572	45	152	0.004	ng	# 1
17) 2-Methylphenol	8.313	107	60	0.002	ng	# 1
18) Hexachloroethane	9.219	117	53	0.004	ng	# 4
19) n-Nitroso-di-n-propyla...	8.843	70	58	0.002	ng	# 1
20) 3+4-Methylphenols	8.807	107	132	0.003	ng	# 1
22) Acetophenone	8.860	105	417	0.008	ng	# 1
24) Nitrobenzene	9.260	77	723	0.020	ng	# 36
25) Isophorone	9.778	82	293	0.004	ng	# 64
27) 2,4-Dimethylphenol	10.013	122	119	0.004	ng	# 4
28) bis(2-Chloroethoxy)met...	10.248	93	76	0.002	ng	# 49
31) Naphthalene	10.901	128	60	0.001	ng	# 69
32) Benzoic acid	10.013	122	119	9.934	ng	# 13
33) 4-Chloroaniline	11.037	127	552	0.011	ng	# 47
36) 4-Chloro-3-methylphenol	12.119	107	72	0.002	ng	# 17
46) 1,1'-Biphenyl	13.301	154	18409	0.177	ng	# 1
48) 2-Nitroaniline	13.783	65	58	5.021	ng	# 1
49) Acenaphthylene	14.401	152	461	0.004	ng	# 60
50) Dimethylphthalate	14.248	163	67	0.001	ng	# 77
52) Acenaphthene	14.672	154	4880	0.060	ng	# 7
55) Dibenzofuran	15.054	168	75	0.001	ng	# 44
56) 4-Nitrophenol	14.942	139	63	0.004	ng	# 9
57) 2,4-Dinitrotoluene	14.989	165	62	5.071	ng	# 19
60) Diethylphthalate	15.495	149	193	0.002	ng	# 60
63) Azobenzene	16.148	77	14067	0.145	ng	# 21
66) n-Nitrosodiphenylamine	16.154	169	91081	0.992	ng	# 45
71) Phenanthrene	17.454	178	862	0.005	ng	# 52
72) Anthracene	17.542	178	363	0.002	ng	# 60
73) Carbazole	17.807	167	666	0.005	ng	# 58

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051223\
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

74) Di-n-butylphthalate	18.383	149	1013	0.006	ng	# 78
75) Fluoranthene	19.459	202	812	0.005	ng	64
77) Benzidine	19.659	184	897	0.036	ng	# 66
78) Pyrene	20.030	202	56240	0.429	ng	# 67
80) Butylbenzylphthalate	20.706	149	596	4.624	ng	# 51
81) Benzo(a)anthracene	21.618	228	1582	0.012	ng	97
82) 3,3'-Dichlorobenzidine	21.501	252	666	6.692	ng	# 71
83) Chrysene	21.618	228	1582	0.013	ng	93
84) Bis(2-ethylhexyl)phtha...	21.518	149	297	4.836	ng	# 52
85) Di-n-octyl phthalate	22.442	149	699	7.712	ng	# 67
88) Benzo(b)fluoranthene	23.306	252	592	0.005	ng	# 3
89) Benzo(k)fluoranthene	23.342	252	1146	0.009	ng	# 1
90) Benzo(a)pyrene	23.936	252	964	0.009	ng	# 1
91) Dibenzo(a,h)anthracene	26.594	278	54	0.000	ng	# 1
92) Benzo(g,h,i)perylene	27.400	276	53	0.001	ng	# 53

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

Instrument :

BNA M

ClientSampleId :

PB152676TB

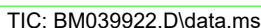
Quant Time: May 13 02:59:52 2023

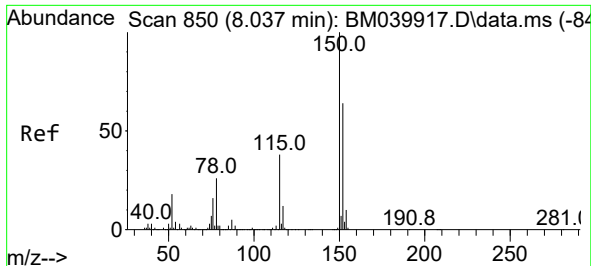
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM051223.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Sat May 13 02:16:09 2023

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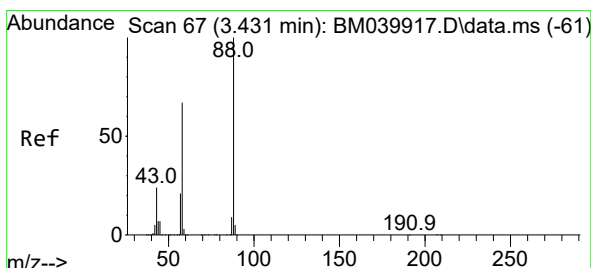
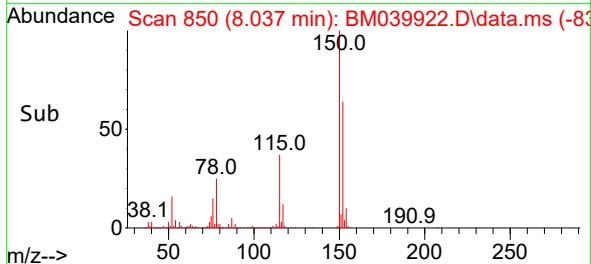
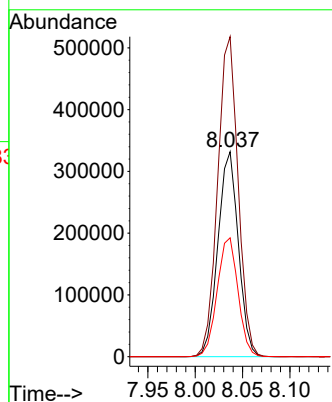
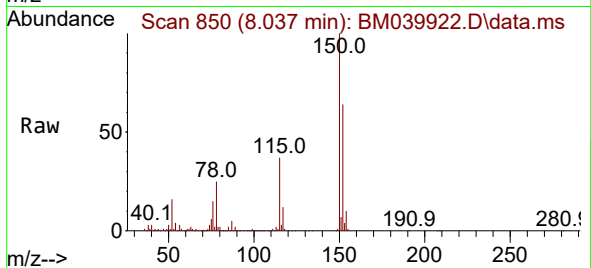




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.037 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: BM039922.D
 Acq: 12 May 2023 17:56

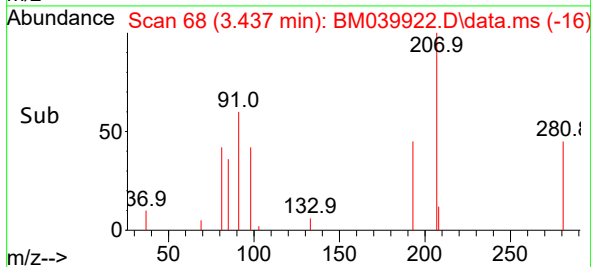
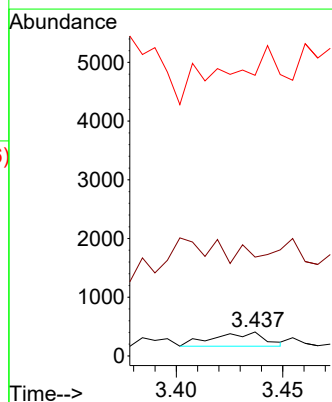
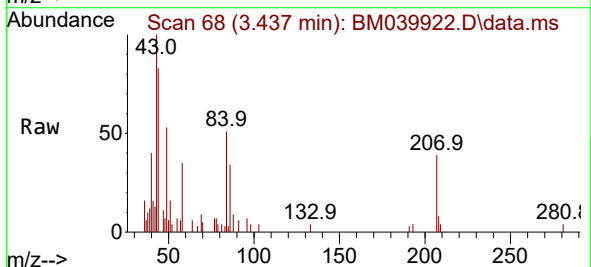
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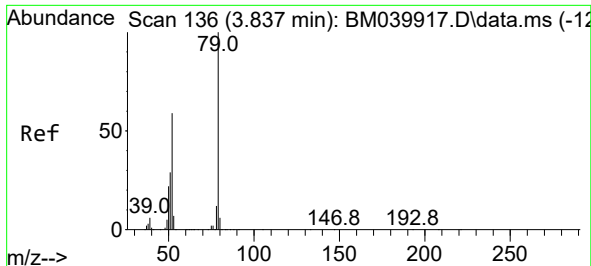
Tgt Ion:152 Resp: 498203
 Ion Ratio Lower Upper
 152 100
 150 156.1 125.0 187.4
 115 58.0 47.0 70.6



#2
 1,4-Dioxane
 Concen: 0.035 ng
 RT: 3.437 min Scan# 68
 Delta R.T. 0.006 min
 Lab File: BM039922.D
 Acq: 12 May 2023 17:56

Tgt Ion: 88 Resp: 401
 Ion Ratio Lower Upper
 88 100
 58 0.0 54.4 81.6#
 43 462.6 19.1 28.7#

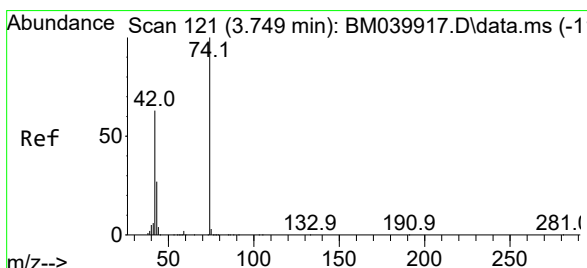
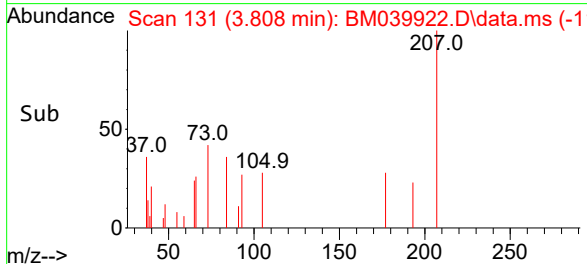
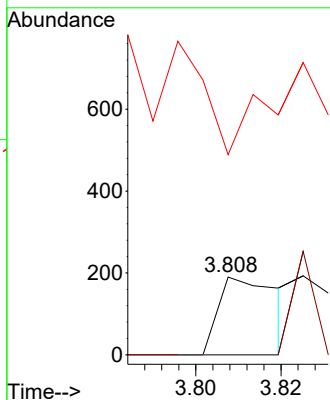
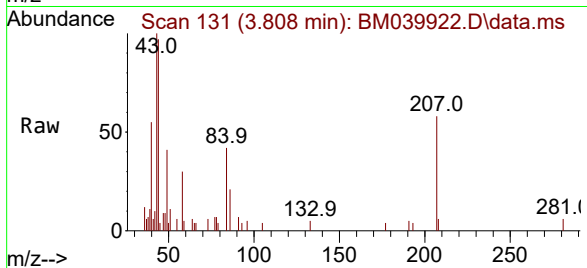




#3
Pyridine
Concen: 0.006 ng
RT: 3.808 min Scan# 119
Delta R.T. -0.029 min
Lab File: BM039922.D
Acq: 12 May 2023 17:56

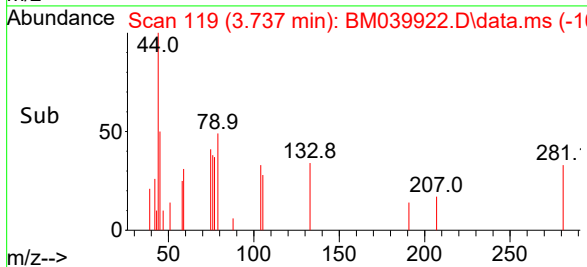
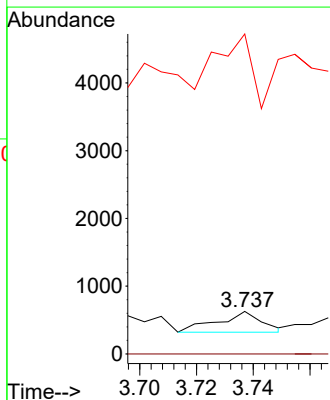
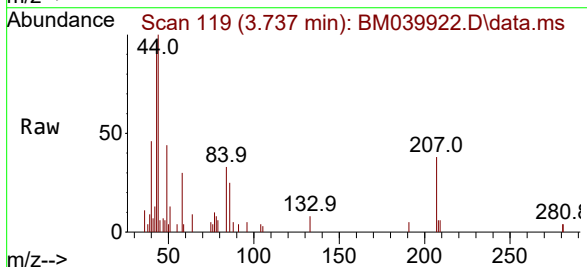
Instrument :
BNA_M
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PB152676TB

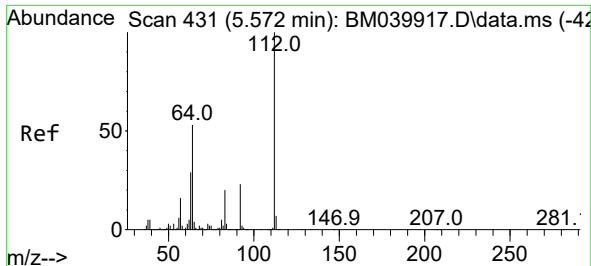
Tgt Ion: 79 Resp: 184
Ion Ratio Lower Upper
79 100
52 0.0 46.8 70.2#
51 257.4 23.6 35.4#



#4
n-Nitrosodimethylamine
Concen: 0.028 ng
RT: 3.737 min Scan# 119
Delta R.T. -0.012 min
Lab File: BM039922.D
Acq: 12 May 2023 17:56

Tgt Ion: 42 Resp: 334
Ion Ratio Lower Upper
42 100
74 0.0 127.8 191.6#
44 753.3 5.8 8.8#

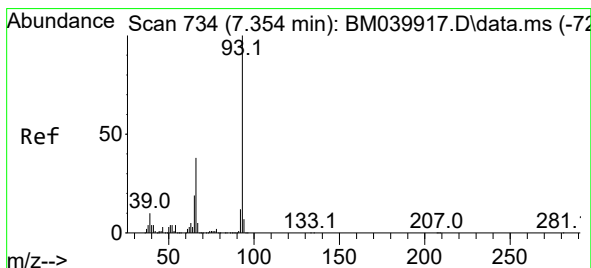
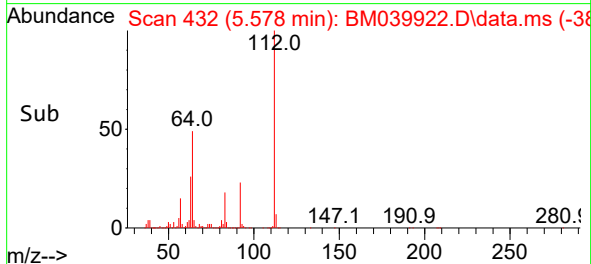
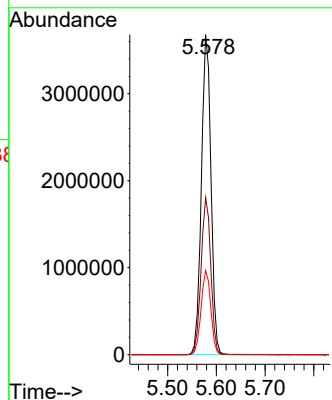
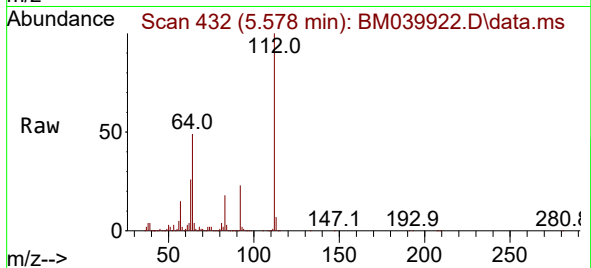




#5
2-Fluorophenol
Concen: 164.377 ng
RT: 5.578 min Scan# 41
Delta R.T. 0.006 min
Lab File: BM039922.D
Acq: 12 May 2023 17:56

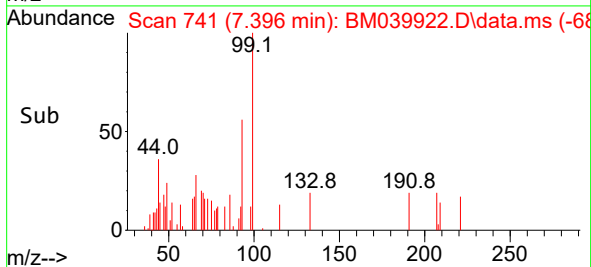
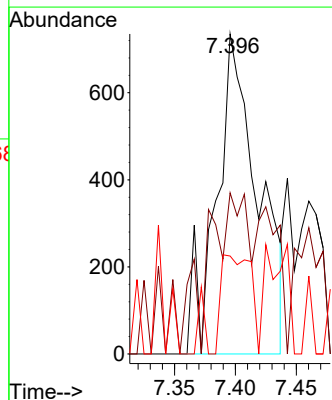
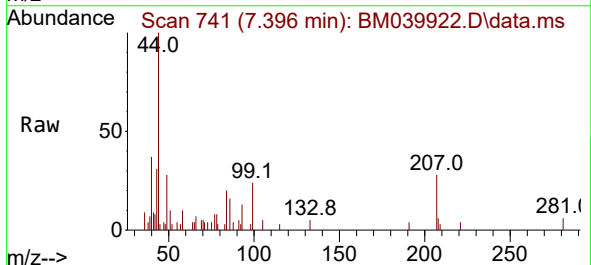
Instrument :
BNA_M
ClientSampleId :
PB152676TB

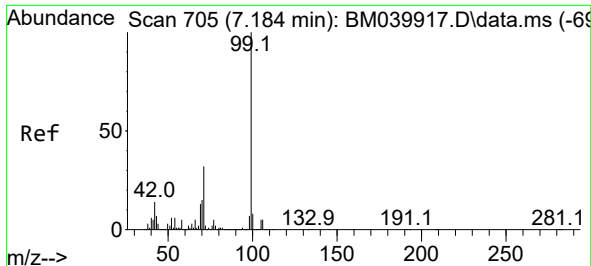
Tgt Ion:112 Resp: 5039215
Ion Ratio Lower Upper
112 100
64 49.0 42.6 64.0
63 26.2 23.3 34.9



#6
Aniline
Concen: 0.034 ng
RT: 7.396 min Scan# 741
Delta R.T. 0.041 min
Lab File: BM039922.D
Acq: 12 May 2023 17:56

Tgt Ion: 93 Resp: 1752
Ion Ratio Lower Upper
93 100
66 50.3 30.4 45.6#
65 30.6 15.5 23.3#

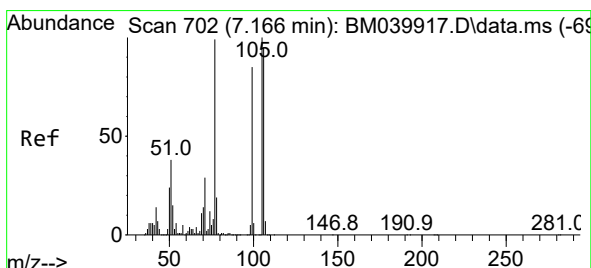
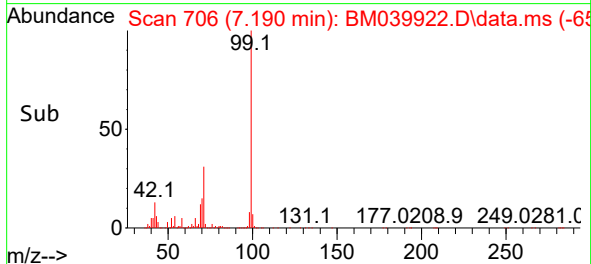
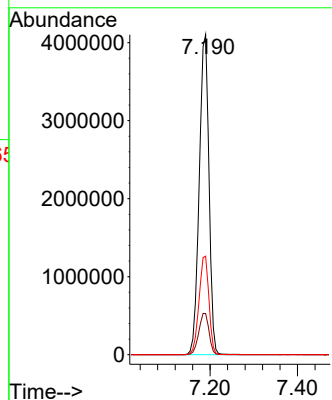
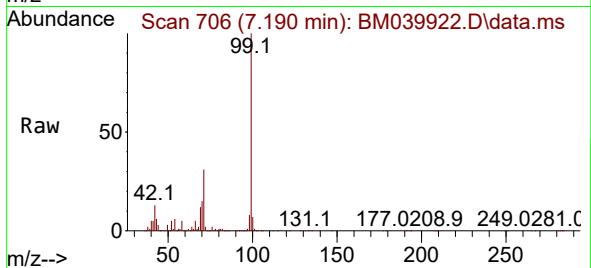




#7
Phenol-d6
Concen: 155.479 ng
RT: 7.190 min Scan# 706
Delta R.T. 0.006 min
Lab File: BM039922.D
Acq: 12 May 2023 17:56

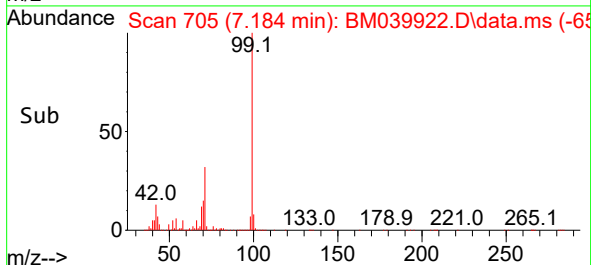
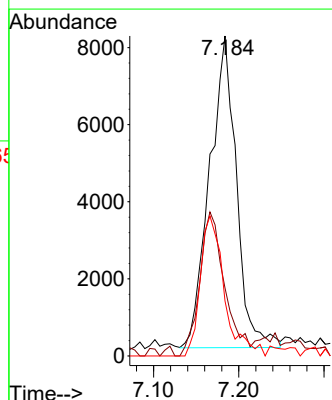
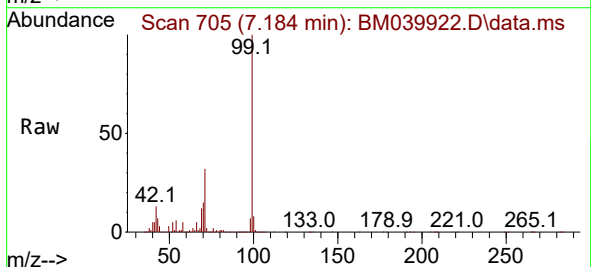
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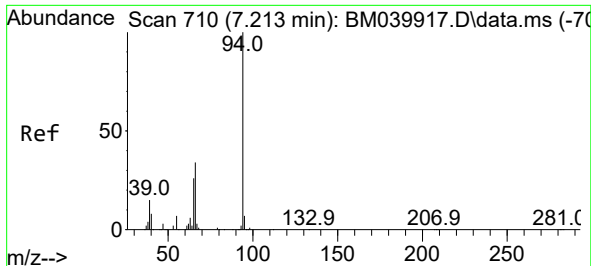
Tgt Ion: 99 Resp: 6351098
Ion Ratio Lower Upper
99 100
42 12.9 11.5 17.3
71 30.8 25.7 38.5



#9
Benzaldehyde
Concen: Below Cal
RT: 7.184 min Scan# 705
Delta R.T. 0.018 min
Lab File: BM039922.D
Acq: 12 May 2023 17:56

Tgt Ion: 77 Resp: 17729
Ion Ratio Lower Upper
77 100
105 21.3 81.2 121.2#
106 17.2 76.2 116.2#

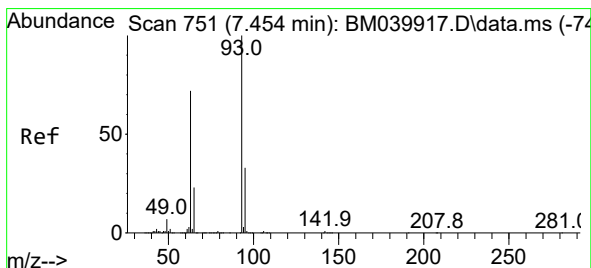
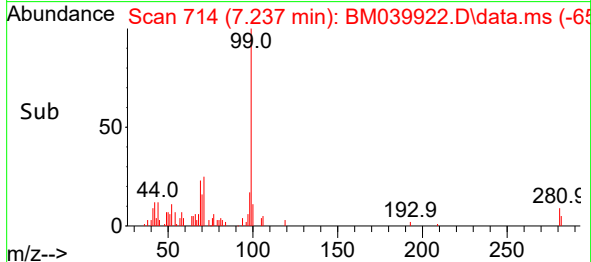
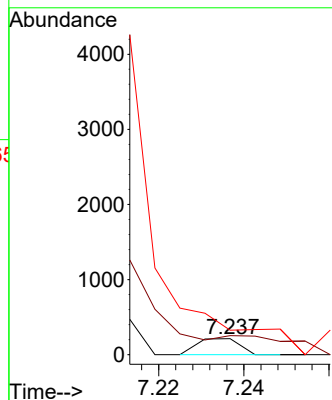
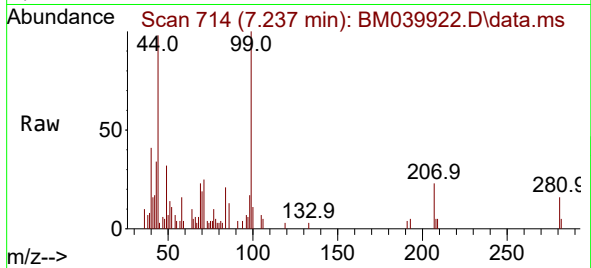




#10
Phenol
Concen: 0.004 ng
RT: 7.237 min Scan# 710
Delta R.T. 0.024 min
Lab File: BM039922.D
Acq: 12 May 2023 17:56

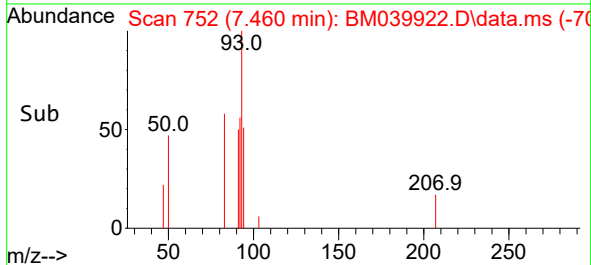
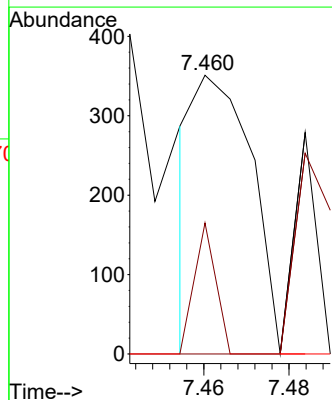
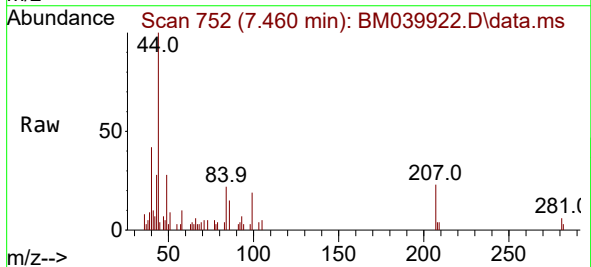
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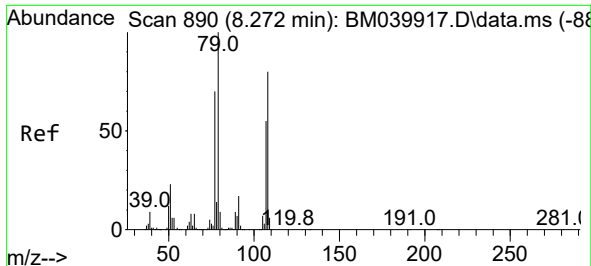
Tgt Ion: 94 Resp: 148
Ion Ratio Lower Upper
94 100
65 119.8 6.4 46.4#
66 153.3 14.7 54.7#



#11
bis(2-Chloroethyl)ether
Concen: 0.009 ng
RT: 7.460 min Scan# 752
Delta R.T. 0.006 min
Lab File: BM039922.D
Acq: 12 May 2023 17:56

Tgt Ion: 93 Resp: 323
Ion Ratio Lower Upper
93 100
63 47.0 52.0 92.0#
95 0.0 12.8 52.8#

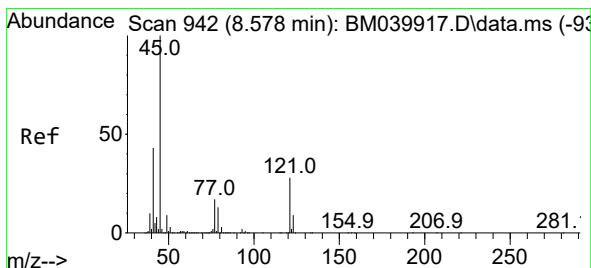
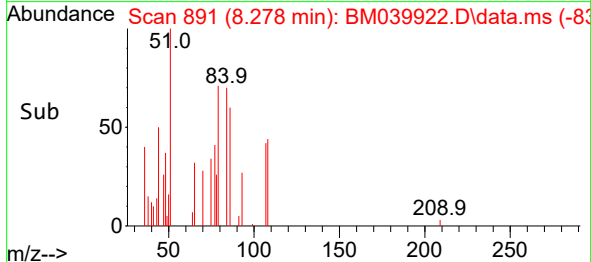
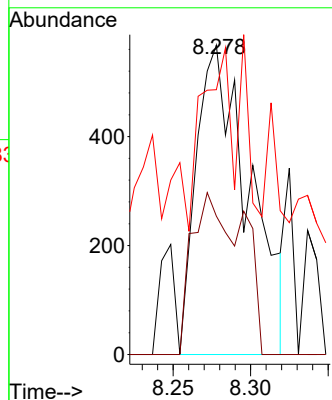
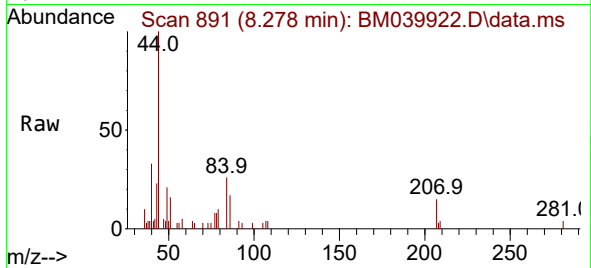




#15
Benzyl Alcohol
Concen: 0.049 ng
RT: 8.278 min Scan# 891
Delta R.T. 0.006 min
Lab File: BM039922.D
Acq: 12 May 2023 17:56

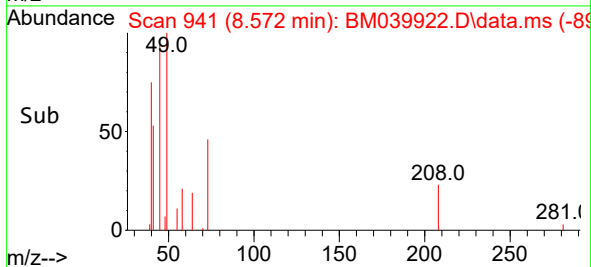
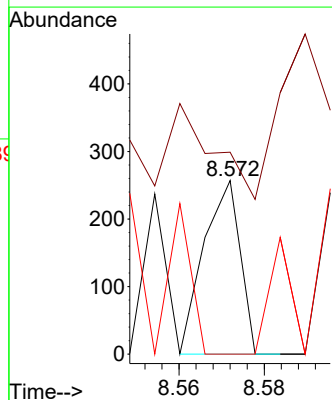
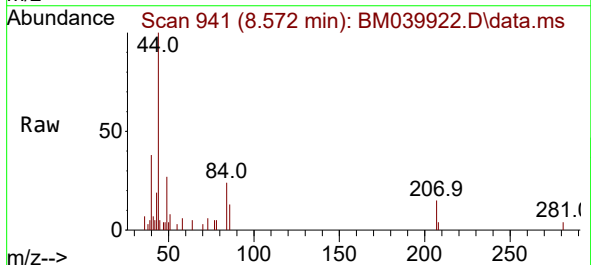
Instrument :
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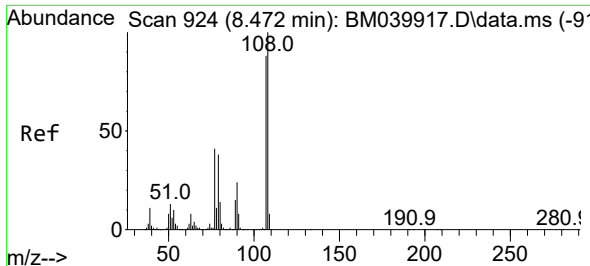
Tgt Ion: 79 Resp: 1336
Ion Ratio Lower Upper
79 100
108 44.7 63.7 95.5#
77 85.6 55.8 83.6#



#16
2,2'-oxybis(1-Chloropropane)
Concen: 0.004 ng
RT: 8.572 min Scan# 941
Delta R.T. -0.006 min
Lab File: BM039922.D
Acq: 12 May 2023 17:56

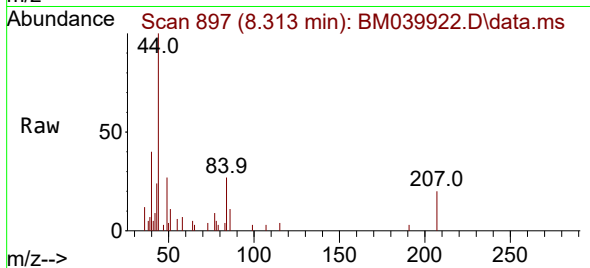
Tgt Ion: 45 Resp: 152
Ion Ratio Lower Upper
45 100
77 116.3 0.0 37.3#
79 0.0 0.0 33.6



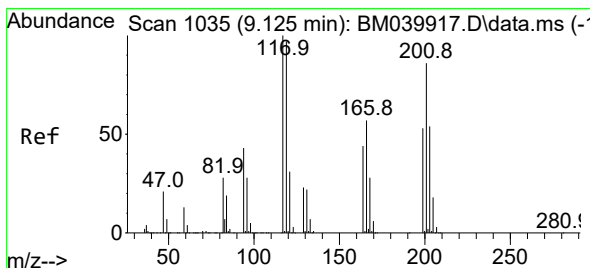
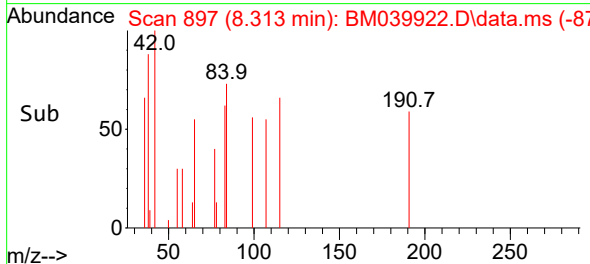
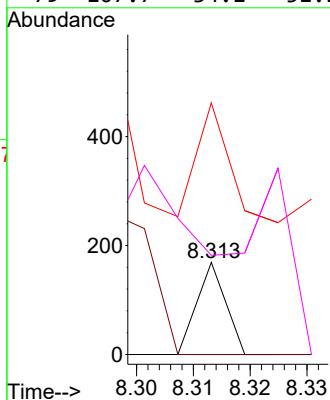


#17
2-Methylphenol
Concen: 0.002 ng
RT: 8.313 min Scan# 897
Delta R.T. -0.159 min
Lab File: BM039922.D
Acq: 12 May 2023 17:56

Instrument :
BNA_M
ClientSampleId :
PB152676TB

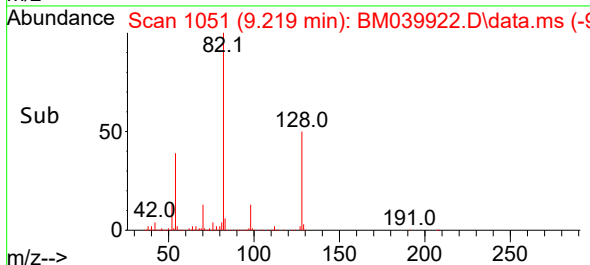
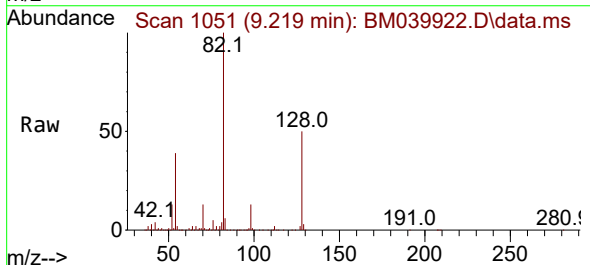
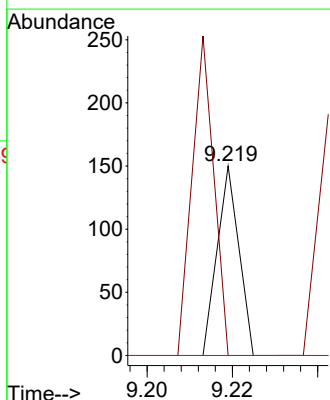


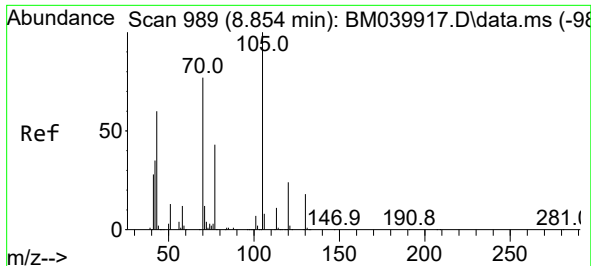
Tgt Ion:107 Resp: 60
Ion Ratio Lower Upper
107 100
108 0.0 90.7 136.1#
77 273.4 36.9 55.3#
79 107.7 34.1 51.1#



#18
Hexachloroethane
Concen: 0.004 ng
RT: 9.219 min Scan# 1051
Delta R.T. 0.094 min
Lab File: BM039922.D
Acq: 12 May 2023 17:56

Tgt Ion:117 Resp: 53
Ion Ratio Lower Upper
117 100
119 0.0 77.5 116.3#
201 0.0 69.2 103.8#

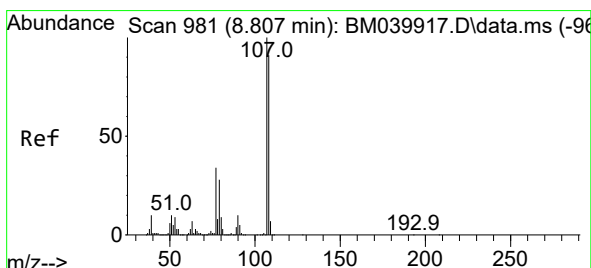
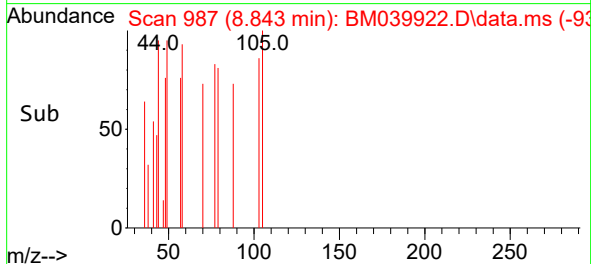
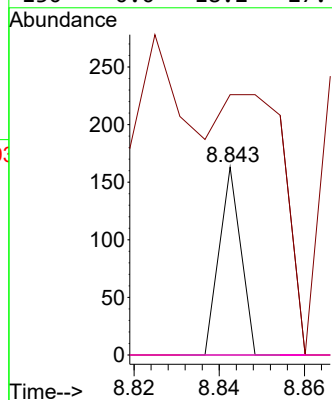
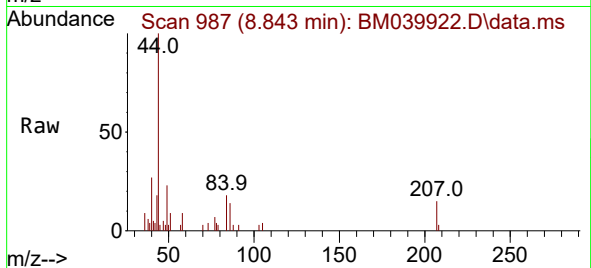




#19
n-Nitroso-di-n-propylamine
Concen: 0.002 ng
RT: 8.843 min Scan# 987
Delta R.T. -0.012 min
Lab File: BM039922.D
Acq: 12 May 2023 17:56

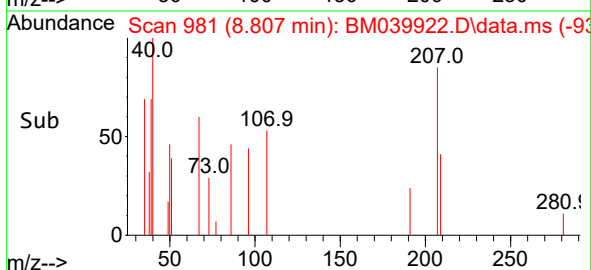
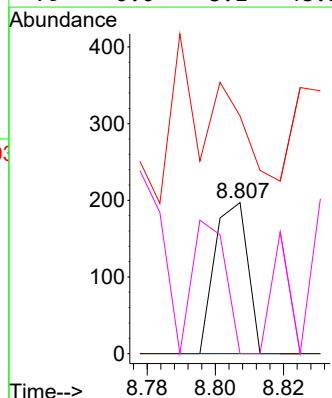
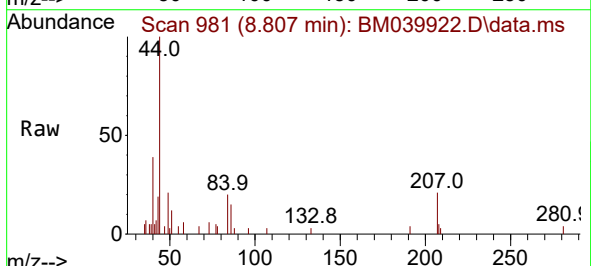
Instrument :
BNA_M
ClientSampleId :
PB152676TB

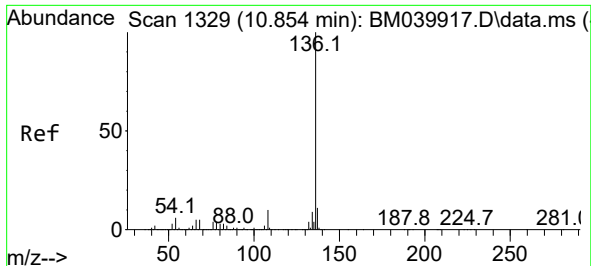
Tgt Ion:	70	Resp:	58
Ion	Ratio	Lower	Upper
70	100		
42	138.7	37.1	55.7#
101	0.0	7.7	11.5#
130	0.0	18.2	27.4#



#20
3+4-Methylphenols
Concen: 0.003 ng
RT: 8.807 min Scan# 981
Delta R.T. 0.000 min
Lab File: BM039922.D
Acq: 12 May 2023 17:56

Tgt Ion:	107	Resp:	132
Ion	Ratio	Lower	Upper
107	100		
108	0.0	71.0	111.0#
77	157.4	13.7	53.7#
79	0.0	8.1	48.1#

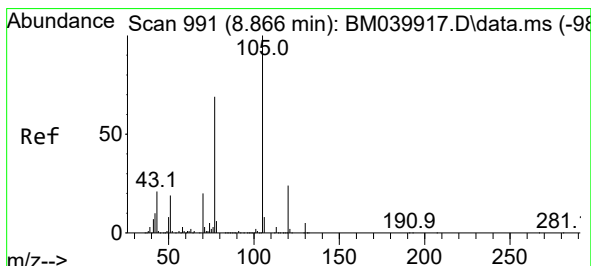
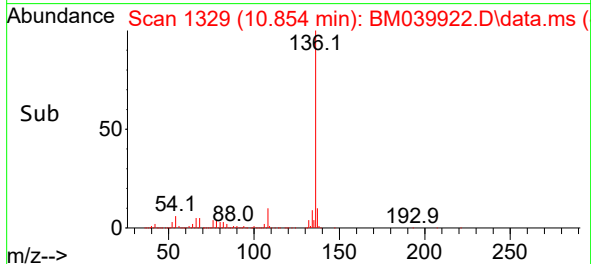
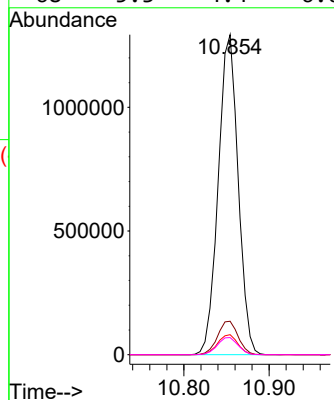
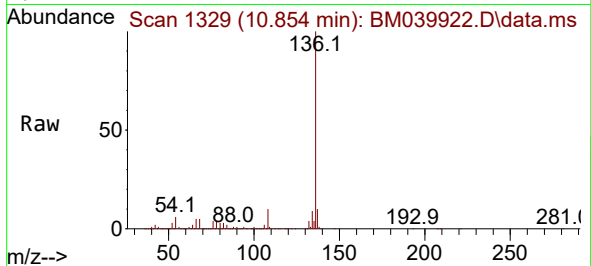




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.854 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM039922.D
Acq: 12 May 2023 17:56

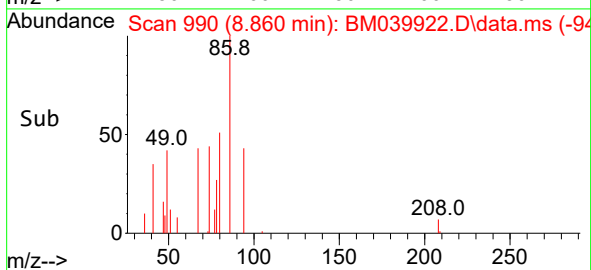
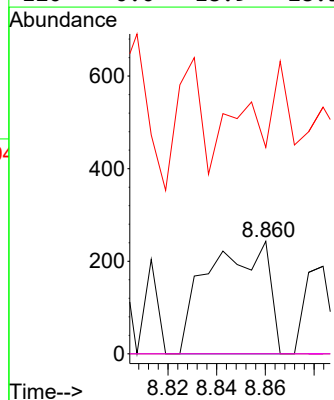
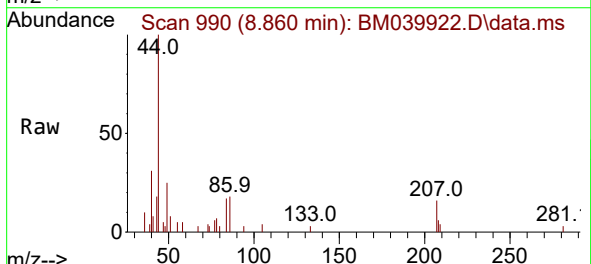
Instrument :
BNA_M
ClientSampleId :
PB152676TB

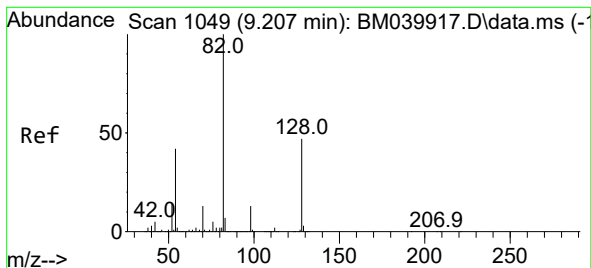
Tgt Ion:136 Resp: 2097769
Ion Ratio Lower Upper
136 100
137 10.5 8.8 13.2
54 6.3 5.2 7.8
68 5.3 4.4 6.6



#22
Acetophenone
Concen: 0.008 ng
RT: 8.860 min Scan# 990
Delta R.T. -0.006 min
Lab File: BM039922.D
Acq: 12 May 2023 17:56

Tgt Ion:105 Resp: 417
Ion Ratio Lower Upper
105 100
71 0.0 2.7 4.1#
51 183.5 16.5 24.7#
120 0.0 18.9 28.3#





#23

Nitrobenzene-d5

Concen: 95.904 ng

RT: 9.201 min Scan# 1048

Delta R.T. -0.006 min

Lab File: BM039922.D

Acq: 12 May 2023 17:56

Instrument :

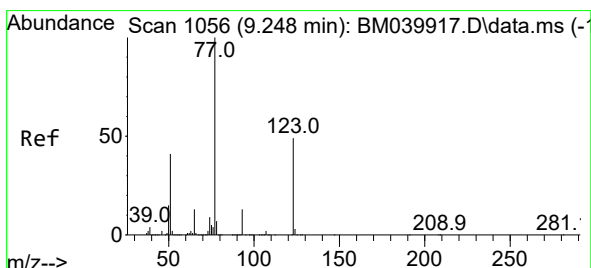
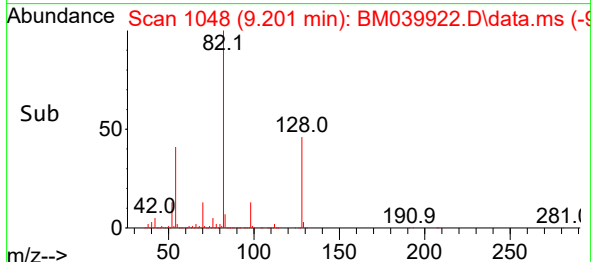
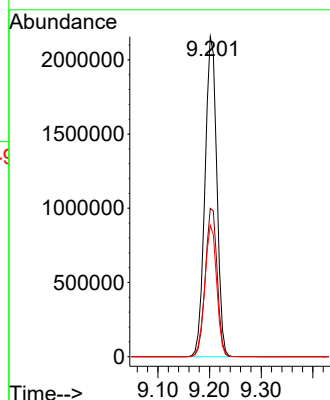
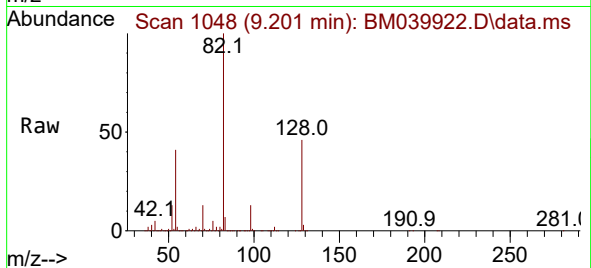
BNA_M

ClientSampleId :

PB152676TB

Tgt Ion: 82 Resp: 3435114

Ion	Ratio	Lower	Upper
82	100		
128	46.4	37.2	55.8
54	41.1	33.5	50.3



#24

Nitrobenzene

Concen: 0.020 ng

RT: 9.260 min Scan# 1058

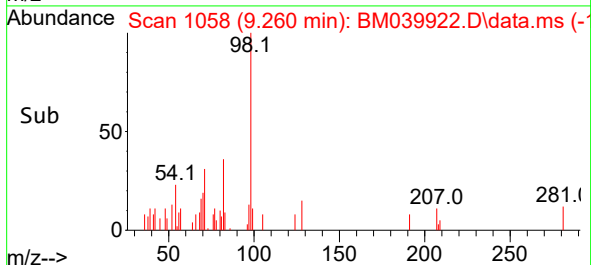
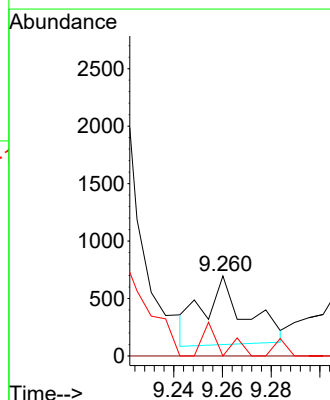
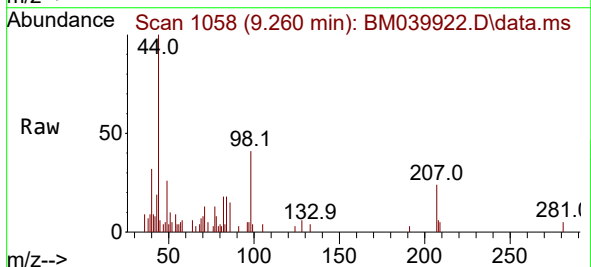
Delta R.T. 0.012 min

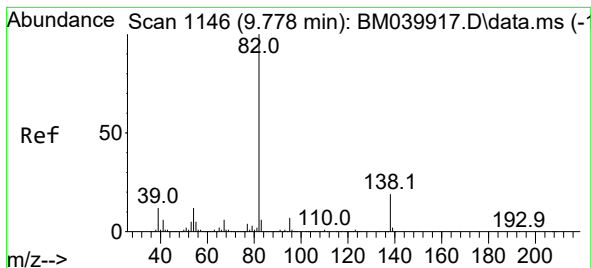
Lab File: BM039922.D

Acq: 12 May 2023 17:56

Tgt Ion: 77 Resp: 723

Ion	Ratio	Lower	Upper
77	100		
123	0.0	39.3	58.9#
65	0.0	10.4	15.6#





#25

Isophorone

Concen: 0.004 ng

RT: 9.778 min Scan# 1146

Delta R.T. -0.000 min

Lab File: BM039922.D

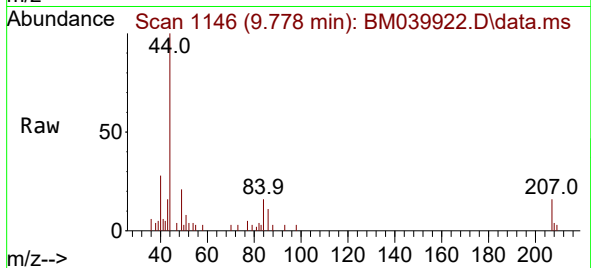
Acq: 12 May 2023 17:56

Instrument :

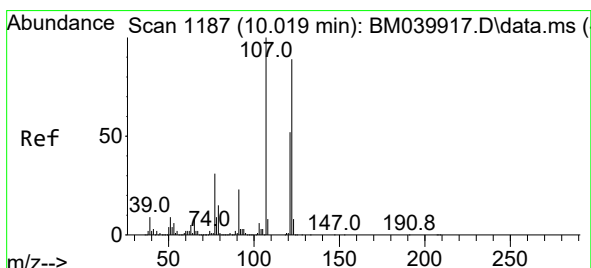
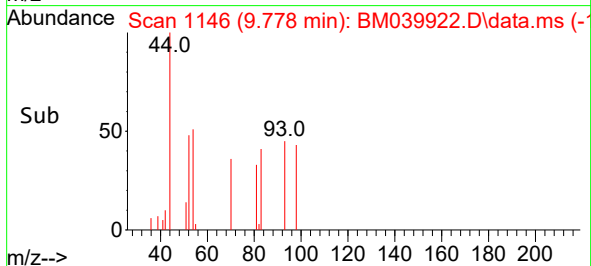
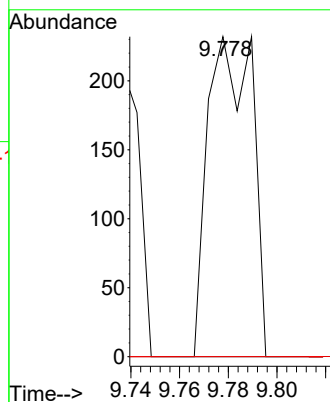
BNA_M

ClientSampleId :

PB152676TB



Tgt Ion:	82	Resp:	293
Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.5	8.3#
138	0.0	15.2	22.8#



#27

2,4-Dimethylphenol

Concen: 0.004 ng

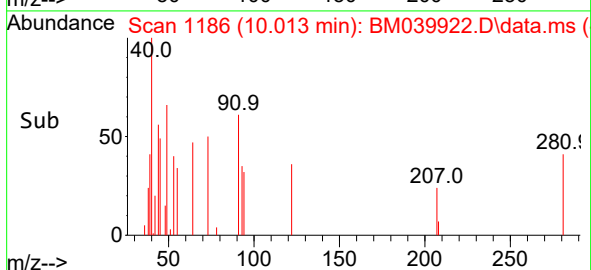
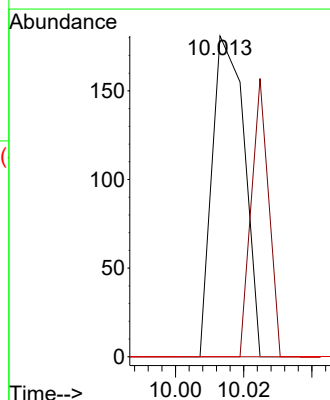
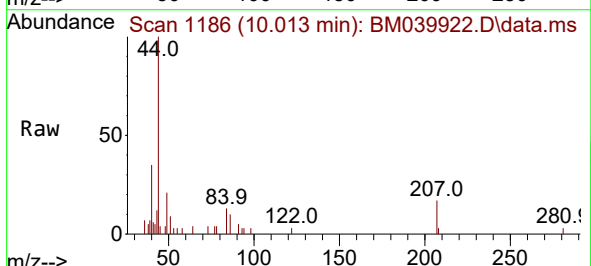
RT: 10.013 min Scan# 1186

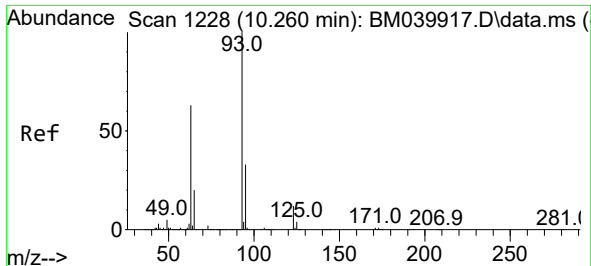
Delta R.T. -0.006 min

Lab File: BM039922.D

Acq: 12 May 2023 17:56

Tgt Ion:	122	Resp:	119
Ion	Ratio	Lower	Upper
122	100		
107	0.0	90.1	135.1#
121	0.0	46.6	69.8#

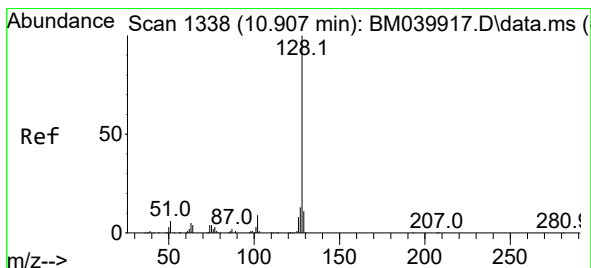
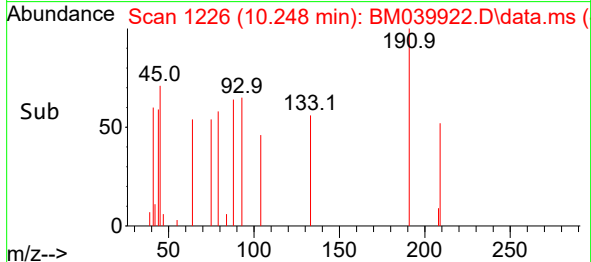
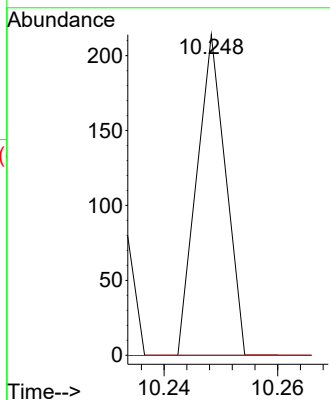
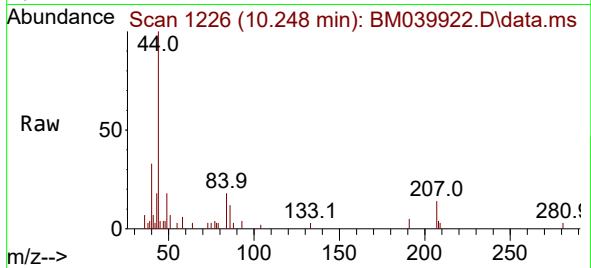




#28
bis(2-Chloroethoxy)methane
Concen: 0.002 ng
RT: 10.248 min Scan# 11
Delta R.T. -0.012 min
Lab File: BM039922.D
Acq: 12 May 2023 17:56

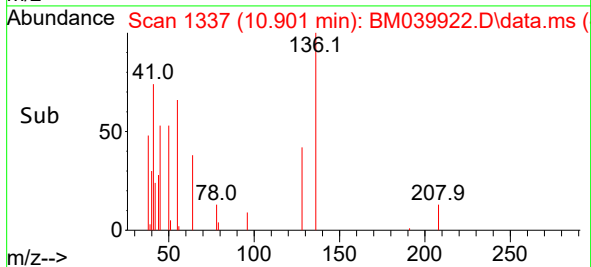
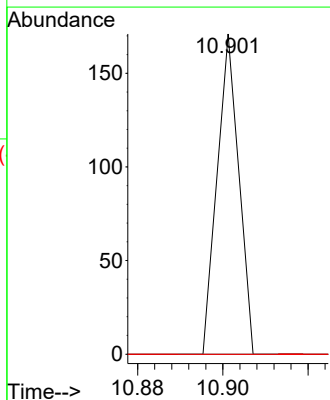
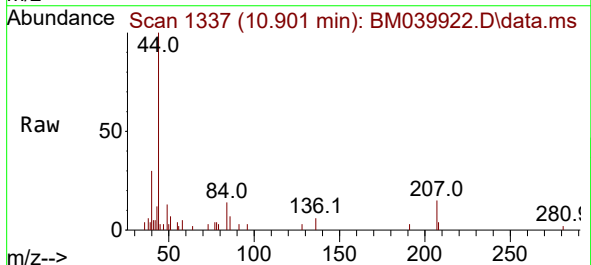
Instrument :
BNA_M
ClientSampleId :
PB152676TB

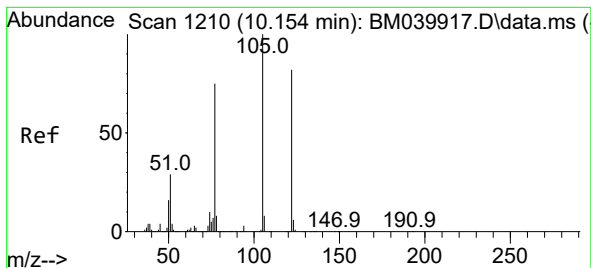
Tgt Ion: 93 Resp: 76
Ion Ratio Lower Upper
93 100
95 0.0 26.2 39.4#
123 0.0 9.6 14.4#



#31
Naphthalene
Concen: 0.001 ng
RT: 10.901 min Scan# 1337
Delta R.T. -0.006 min
Lab File: BM039922.D
Acq: 12 May 2023 17:56

Tgt Ion: 128 Resp: 60
Ion Ratio Lower Upper
128 100
129 0.0 8.8 13.2#
127 0.0 10.6 15.8#





#32

Benzoic acid

Concen: 9.934 ng

RT: 10.013 min Scan# 1186

Delta R.T. -0.141 min

Lab File: BM039922.D

Acq: 12 May 2023 17:56

Instrument :

BNA_M

ClientSampleId :

PB152676TB

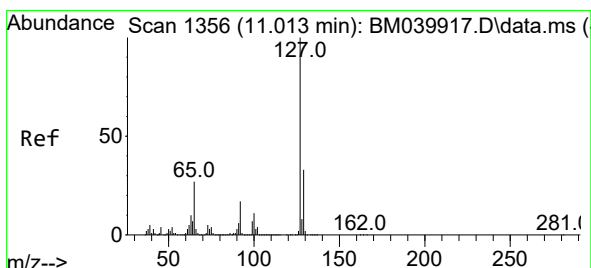
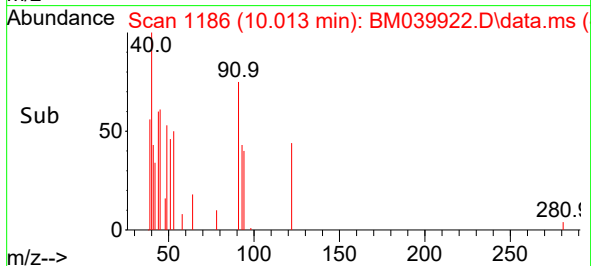
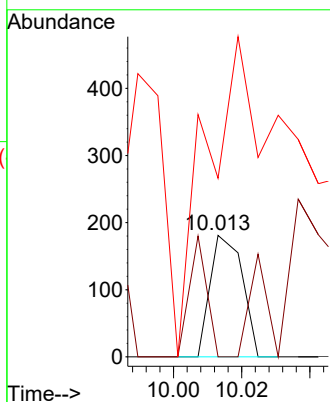
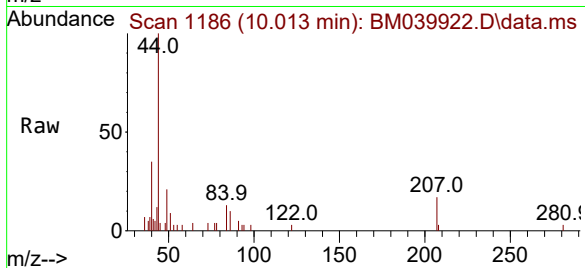
Tgt Ion:122 Resp: 119

Ion Ratio Lower Upper

122 100

105 0.0 99.9 139.9#

77 147.0 70.4 110.4#



#33

4-Chloroaniline

Concen: 0.011 ng

RT: 11.037 min Scan# 1360

Delta R.T. 0.024 min

Lab File: BM039922.D

Acq: 12 May 2023 17:56

Tgt Ion:127 Resp: 552

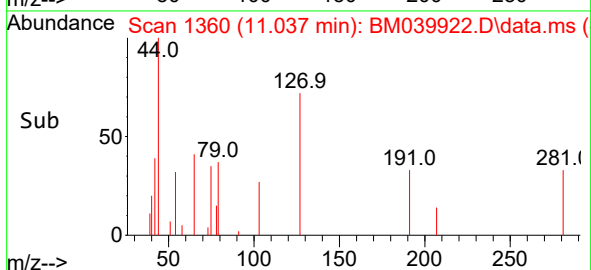
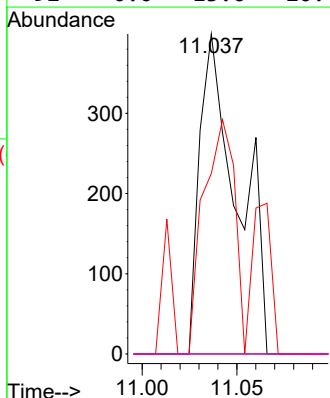
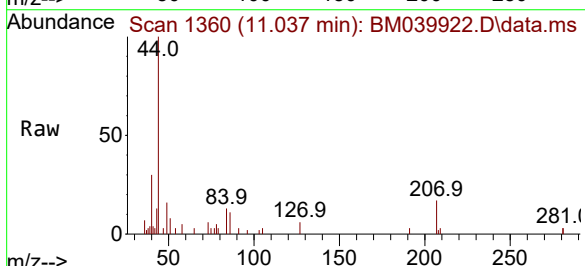
Ion Ratio Lower Upper

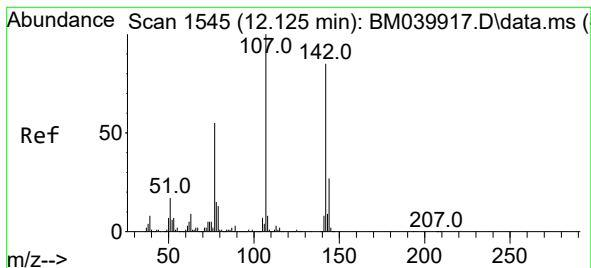
127 100

129 0.0 26.2 39.4#

65 56.4 21.6 32.4#

92 0.0 13.6 20.4#

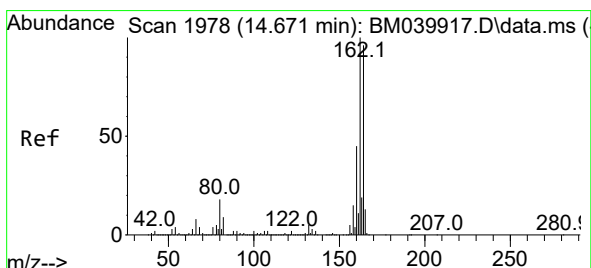
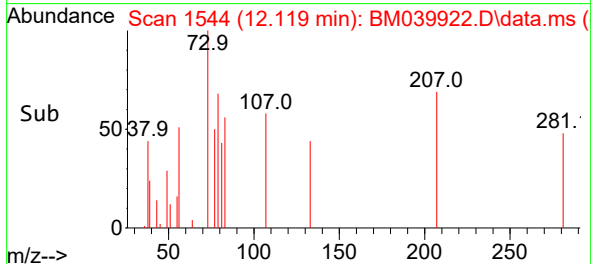
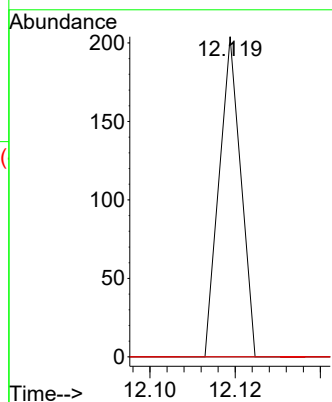
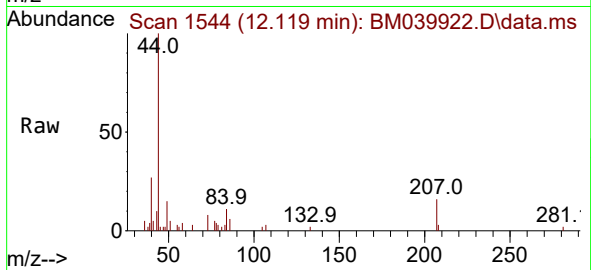




#36
4-Chloro-3-methylphenol
Concen: 0.002 ng
RT: 12.119 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM039922.D
Acq: 12 May 2023 17:56

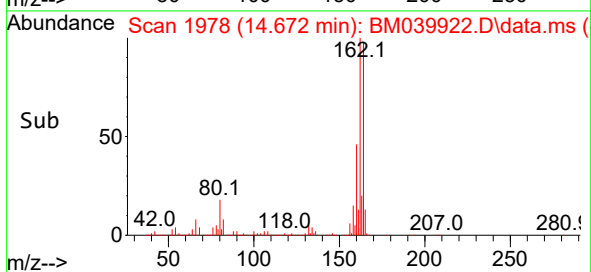
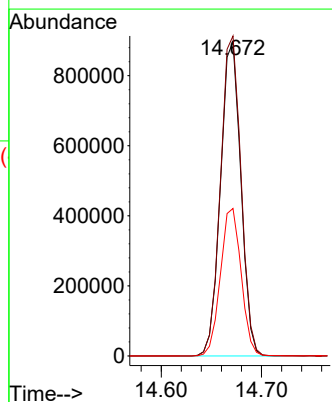
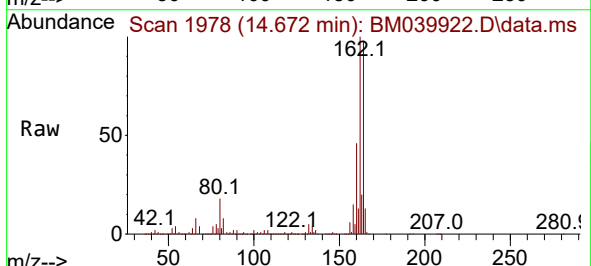
Instrument :
BNA_M
ClientSampleId :
PB152676TB

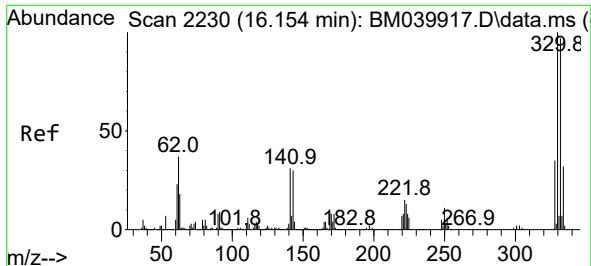
Tgt Ion:107 Resp: 72
Ion Ratio Lower Upper
107 100
144 0.0 22.0 33.0#
142 0.0 68.3 102.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.672 min Scan# 1978
Delta R.T. 0.001 min
Lab File: BM039922.D
Acq: 12 May 2023 17:56

Tgt Ion:164 Resp: 1258225
Ion Ratio Lower Upper
164 100
162 101.8 83.6 125.4
160 46.9 37.8 56.6





#42

2,4,6-Tribromophenol

Concen: 139.402 ng

RT: 16.154 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM039922.D

Acq: 12 May 2023 17:56

Instrument :

BNA_M

ClientSampleId :

PB152676TB

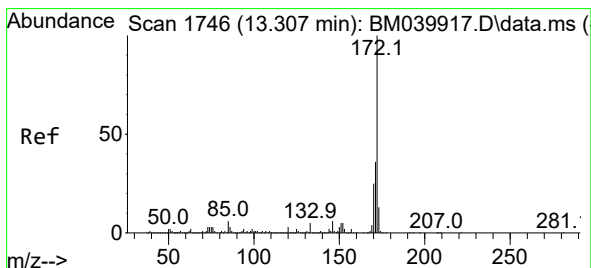
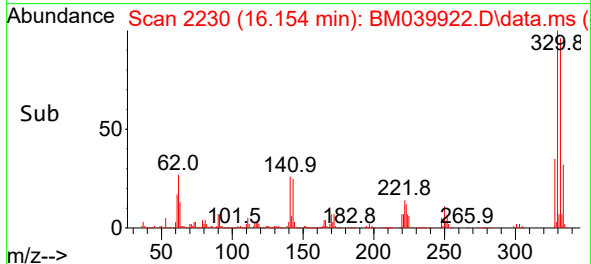
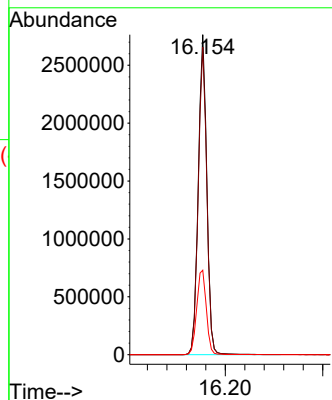
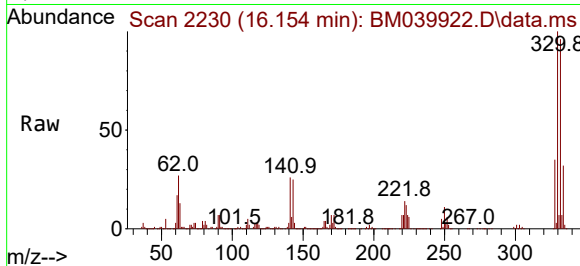
Tgt Ion:330 Resp: 3381522

Ion Ratio Lower Upper

330 100

332 96.4 77.4 116.0

141 29.9 25.6 38.4



#45

2-Fluorobiphenyl

Concen: 101.496 ng

RT: 13.301 min Scan# 1745

Delta R.T. -0.006 min

Lab File: BM039922.D

Acq: 12 May 2023 17:56

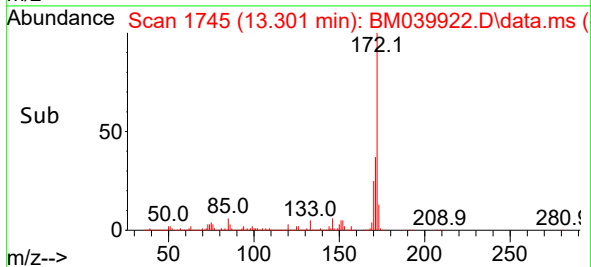
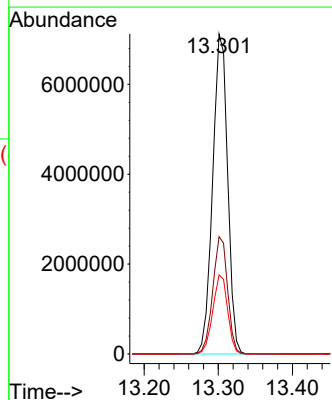
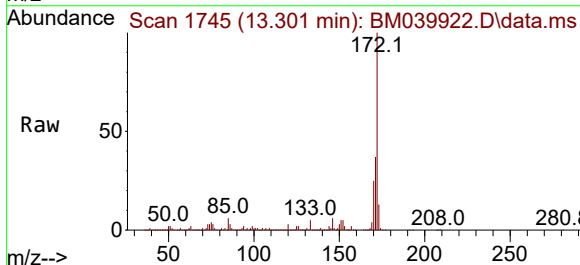
Tgt Ion:172 Resp: 9983381

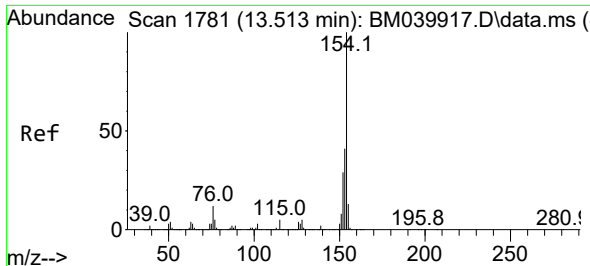
Ion Ratio Lower Upper

172 100

171 36.6 28.9 43.3

170 24.7 19.9 29.9

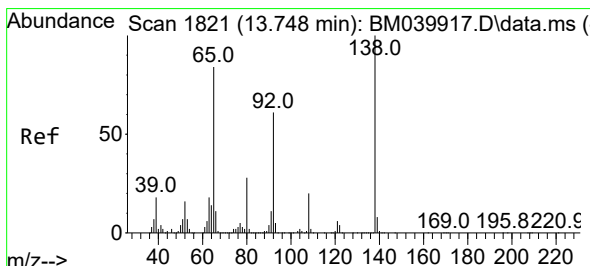
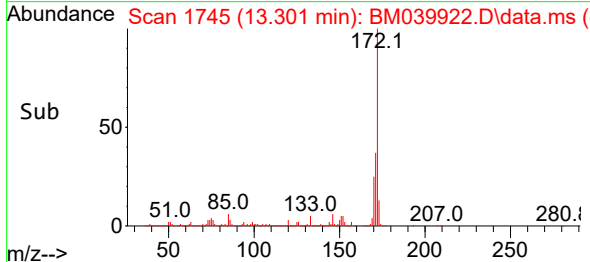
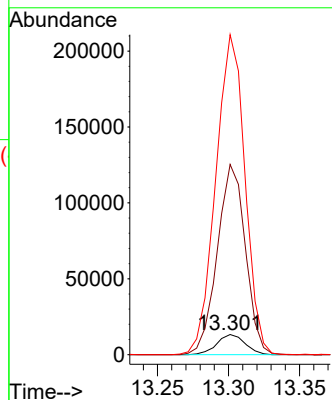
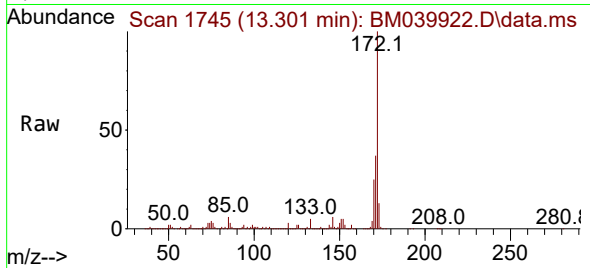




#46
1,1'-Biphenyl
Concen: 0.177 ng
RT: 13.301 min Scan# 11
Delta R.T. -0.212 min
Lab File: BM039922.D
Acq: 12 May 2023 17:56

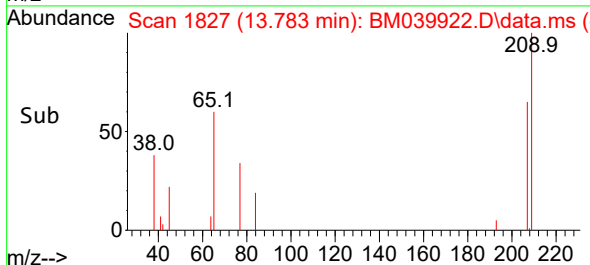
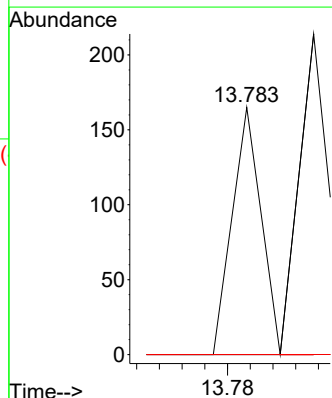
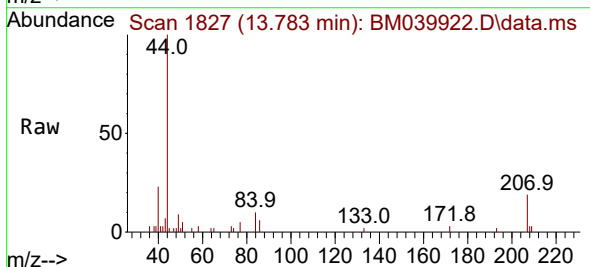
Instrument :
BNA_M
ClientSampleId :
PB152676TB

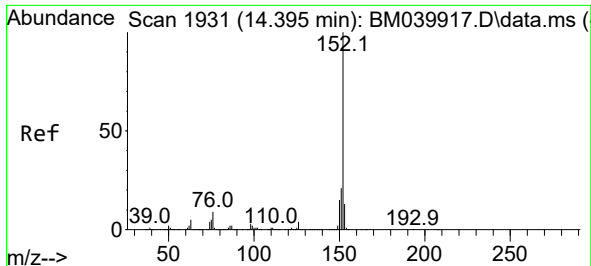
Tgt Ion:154 Resp: 18409
Ion Ratio Lower Upper
154 100
153 939.9 20.8 60.8#
76 1580.8 0.0 31.9#



#48
2-Nitroaniline
Concen: 5.021 ng
RT: 13.783 min Scan# 1827
Delta R.T. 0.035 min
Lab File: BM039922.D
Acq: 12 May 2023 17:56

Tgt Ion: 65 Resp: 58
Ion Ratio Lower Upper
65 100
92 0.0 57.7 86.5#
138 0.0 95.0 142.6#

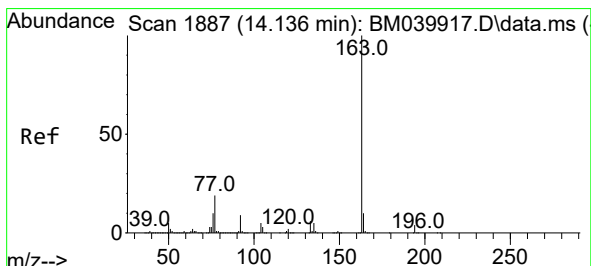
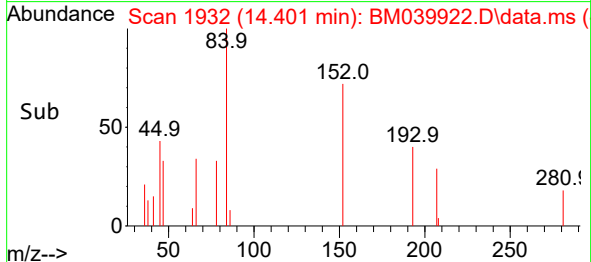
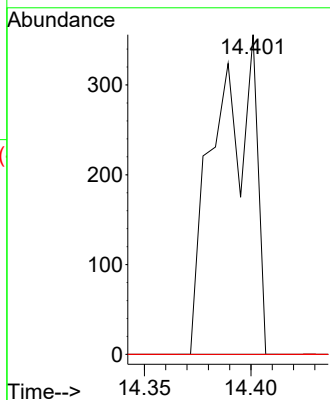
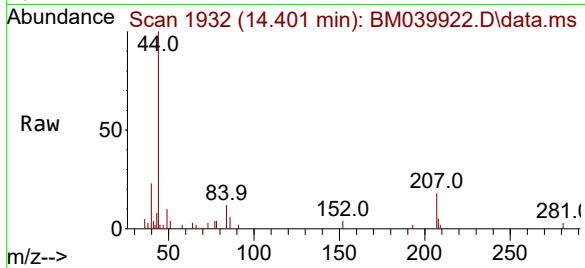




#49
Acenaphthylene
Concen: 0.004 ng
RT: 14.401 min Scan# 1932
Delta R.T. 0.006 min
Lab File: BM039922.D
Acq: 12 May 2023 17:56

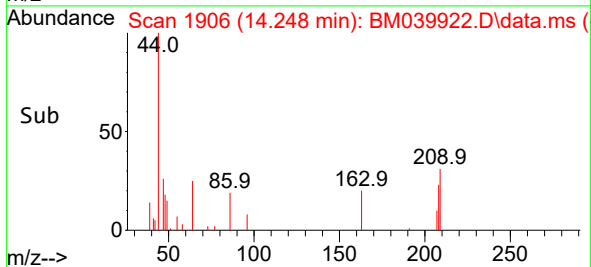
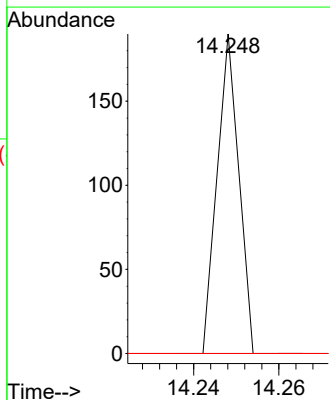
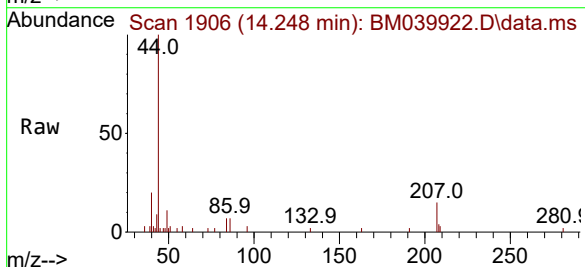
Instrument :
BNA_M
ClientSampleId :
PB152676TB

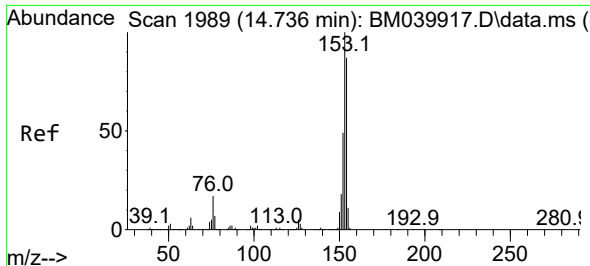
Tgt Ion:152 Resp: 461
Ion Ratio Lower Upper
152 100
151 0.0 16.8 25.2#
153 0.0 10.7 16.1#



#50
Dimethylphthalate
Concen: 0.001 ng
RT: 14.248 min Scan# 1906
Delta R.T. 0.112 min
Lab File: BM039922.D
Acq: 12 May 2023 17:56

Tgt Ion:163 Resp: 67
Ion Ratio Lower Upper
163 100
194 0.0 3.2 4.8#
164 0.0 8.2 12.2#

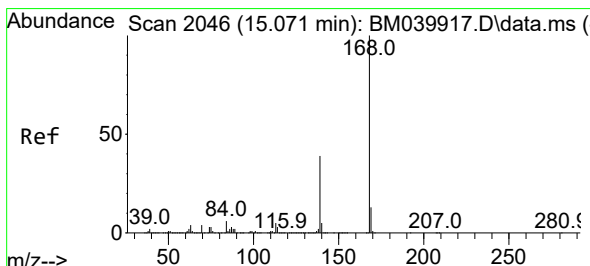
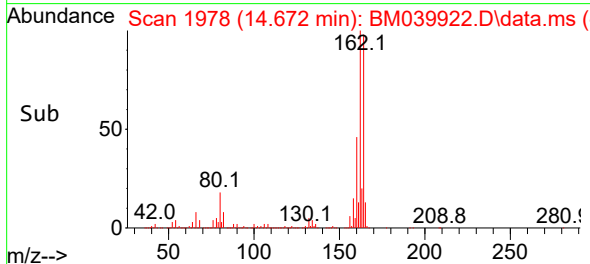
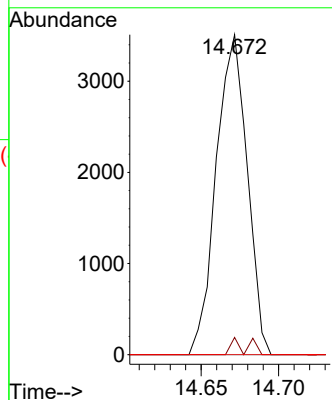
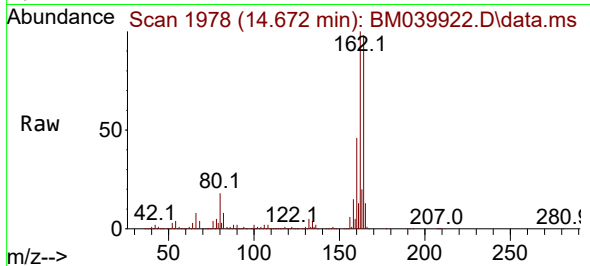




#52
Acenaphthene
Concen: 0.060 ng
RT: 14.672 min Scan# 1989
Delta R.T. -0.064 min
Lab File: BM039922.D
Acq: 12 May 2023 17:56

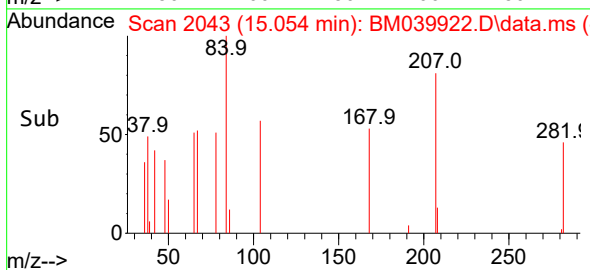
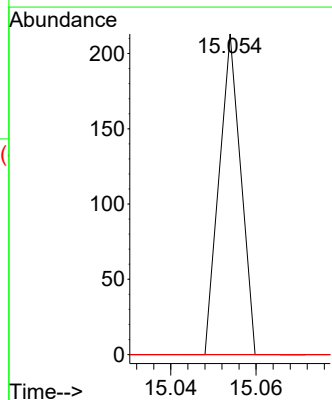
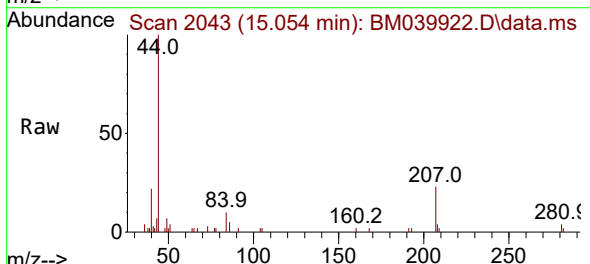
Instrument :
BNA_M
ClientSampleId :
PB152676TB

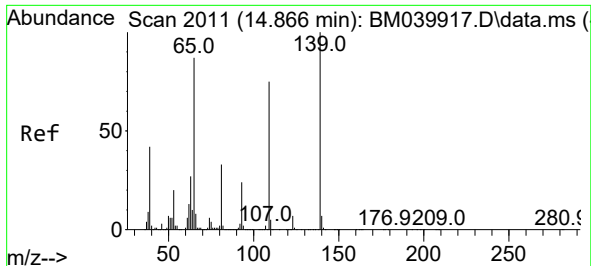
Tgt Ion:154 Resp: 4880
Ion Ratio Lower Upper
154 100
153 5.4 91.9 137.9#
152 0.0 45.0 67.6#



#55
Dibenzofuran
Concen: 0.001 ng
RT: 15.054 min Scan# 2043
Delta R.T. -0.017 min
Lab File: BM039922.D
Acq: 12 May 2023 17:56

Tgt Ion:168 Resp: 75
Ion Ratio Lower Upper
168 100
139 0.0 31.0 46.6#
169 0.0 10.7 16.1#

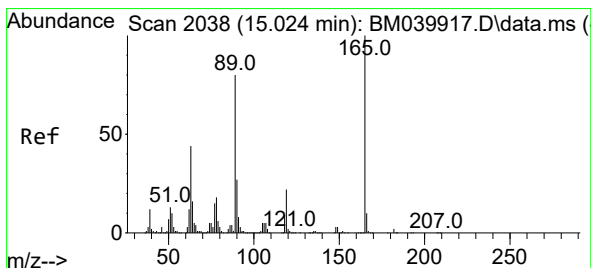
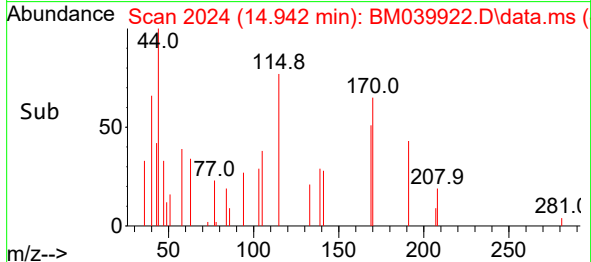
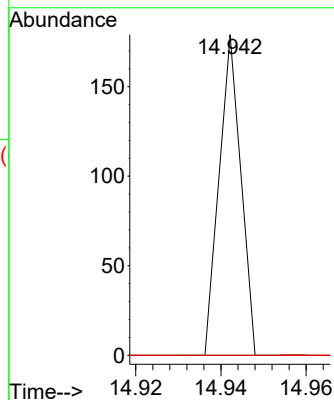
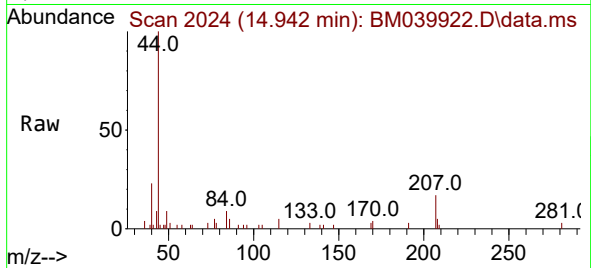




#56
4-Nitrophenol
Concen: 0.004 ng
RT: 14.942 min Scan# 2011
Delta R.T. 0.076 min
Lab File: BM039922.D
Acq: 12 May 2023 17:56

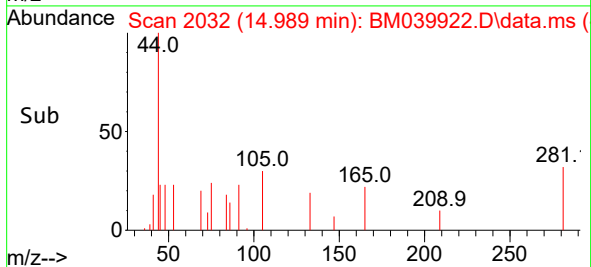
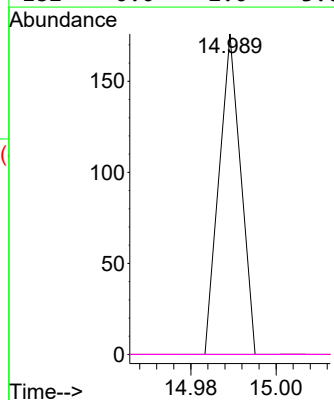
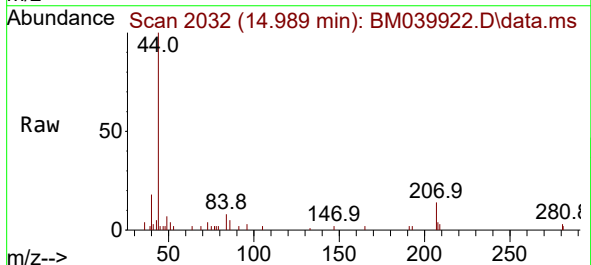
Instrument :
BNA_M
ClientSampleId :
PB152676TB

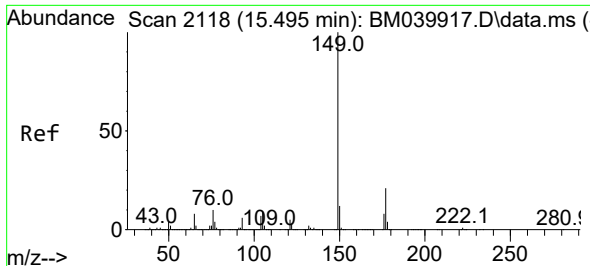
Tgt Ion:139 Resp: 63
Ion Ratio Lower Upper
139 100
109 0.0 55.1 95.1#
65 0.0 67.4 107.4#



#57
2,4-Dinitrotoluene
Concen: 5.071 ng
RT: 14.989 min Scan# 2032
Delta R.T. -0.035 min
Lab File: BM039922.D
Acq: 12 May 2023 17:56

Tgt Ion:165 Resp: 62
Ion Ratio Lower Upper
165 100
63 0.0 35.5 53.3#
89 0.0 63.8 95.6#
182 0.0 2.0 3.0#

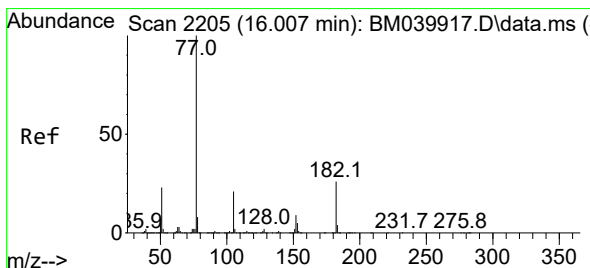
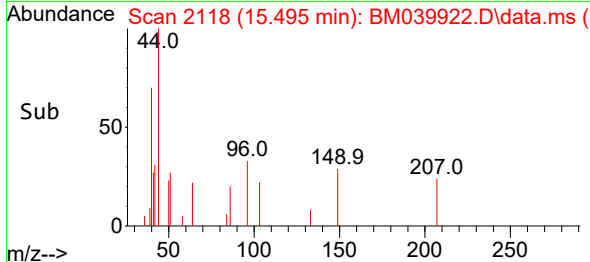
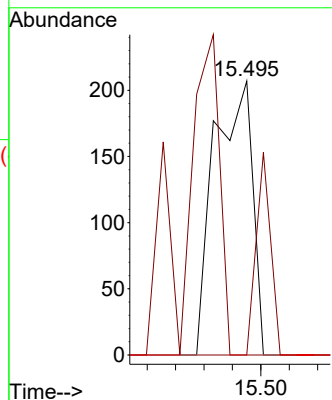
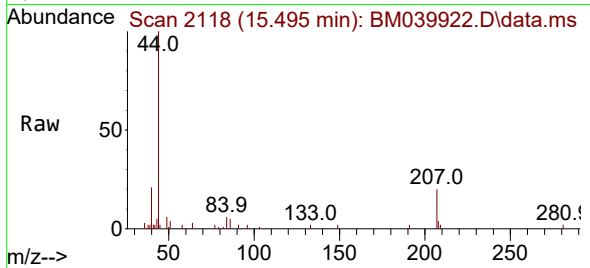




#60
Diethylphthalate
Concen: 0.002 ng
RT: 15.495 min Scan# 2118
Delta R.T. 0.000 min
Lab File: BM039922.D
Acq: 12 May 2023 17:56

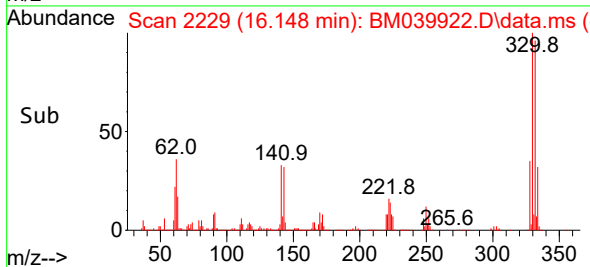
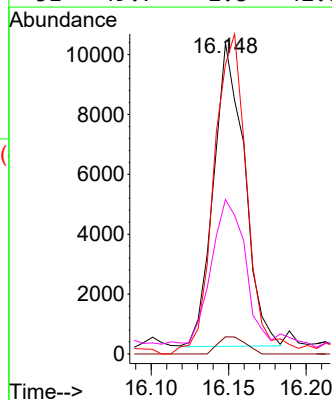
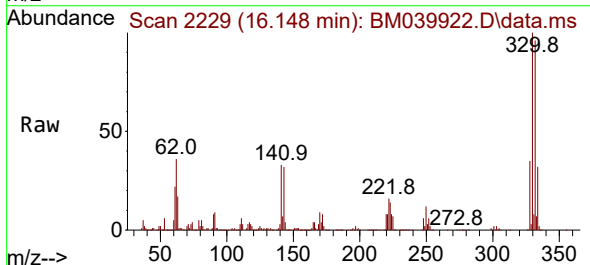
Instrument :
BNA_M
ClientSampleId :
PB152676TB

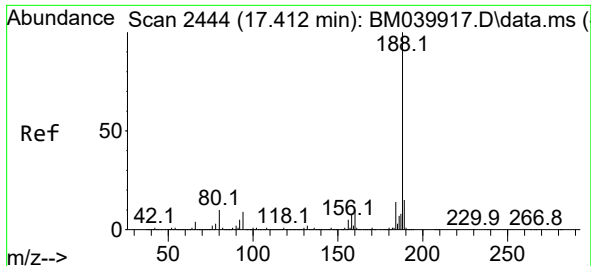
Tgt Ion:149 Resp: 193
Ion Ratio Lower Upper
149 100
177 0.0 17.0 25.4#
150 0.0 9.8 14.6#



#63
Azobenzene
Concen: 0.145 ng
RT: 16.148 min Scan# 2229
Delta R.T. 0.141 min
Lab File: BM039922.D
Acq: 12 May 2023 17:56

Tgt Ion: 77 Resp: 14067
Ion Ratio Lower Upper
77 100
182 5.5 6.2 46.2#
105 93.2 1.4 41.4#
51 49.7 2.8 42.8#

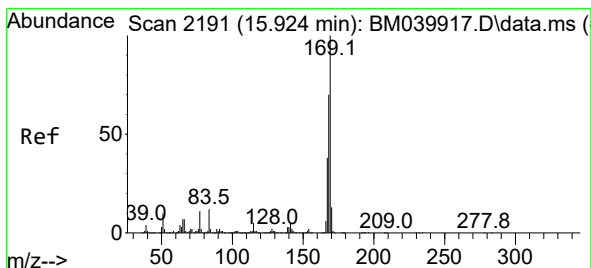
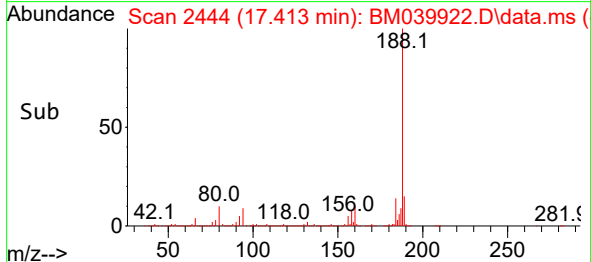
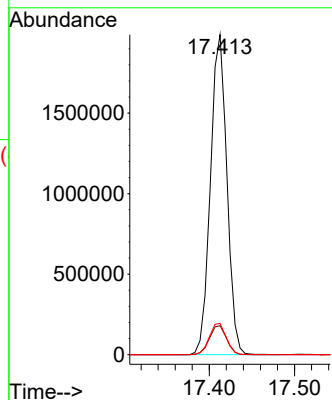
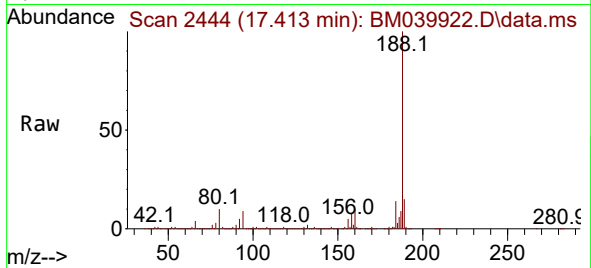




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.413 min Scan# 24
Delta R.T. 0.001 min
Lab File: BM039922.D
Acq: 12 May 2023 17:56

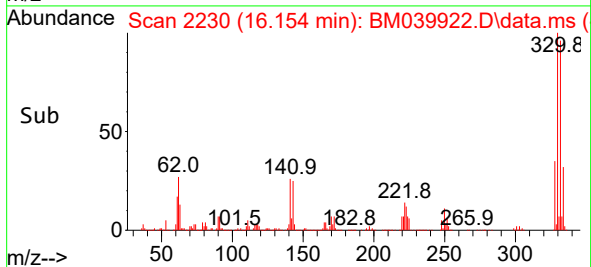
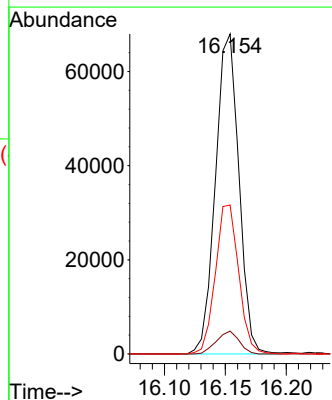
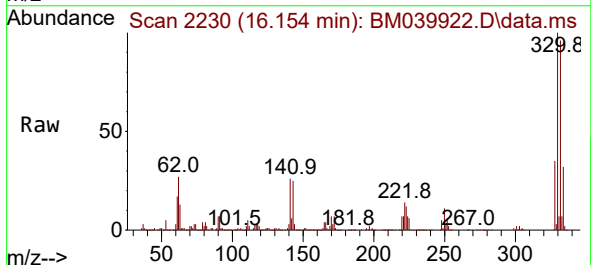
Instrument :
BNA_M
ClientSampleId :
PB152676TB

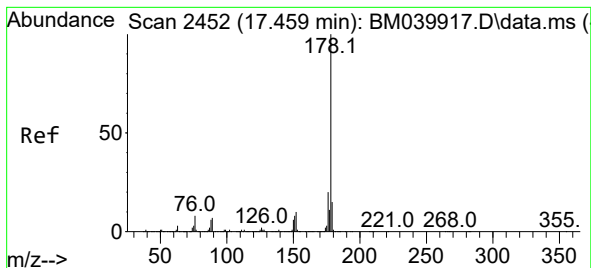
Tgt Ion:188 Resp: 2664485
Ion Ratio Lower Upper
188 100
94 9.1 7.5 11.3
80 9.8 8.0 12.0



#66
n-Nitrosodiphenylamine
Concen: 0.992 ng
RT: 16.154 min Scan# 2230
Delta R.T. 0.230 min
Lab File: BM039922.D
Acq: 12 May 2023 17:56

Tgt Ion:169 Resp: 91081
Ion Ratio Lower Upper
169 100
168 7.1 55.7 83.5#
167 46.6 30.2 45.4#





#71

Phenanthrene

Concen: 0.005 ng

RT: 17.454 min Scan# 2452

Delta R.T. -0.006 min

Lab File: BM039922.D

Acq: 12 May 2023 17:56

Instrument :

BNA_M

ClientSampleId :

PB152676TB

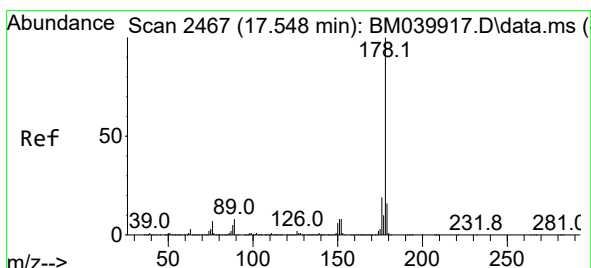
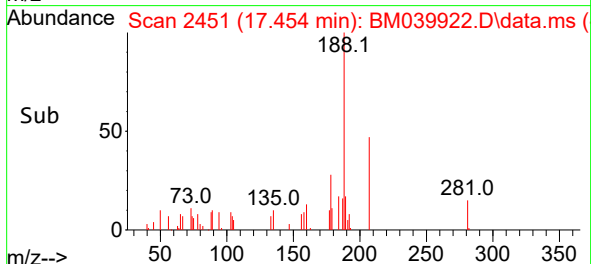
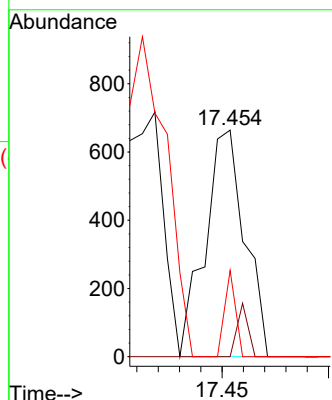
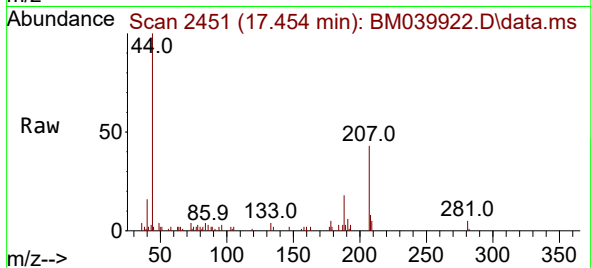
Tgt Ion:178 Resp: 862

Ion Ratio Lower Upper

178 100

176 0.0 16.0 24.0#

179 38.1 12.3 18.5#



#72

Anthracene

Concen: 0.002 ng

RT: 17.542 min Scan# 2466

Delta R.T. -0.006 min

Lab File: BM039922.D

Acq: 12 May 2023 17:56

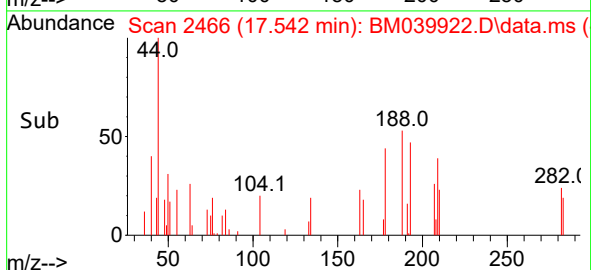
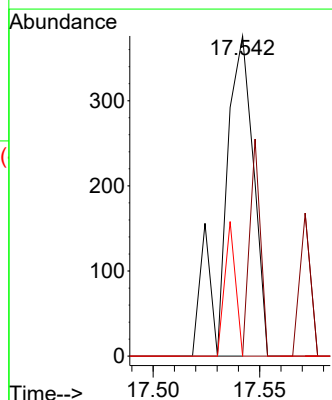
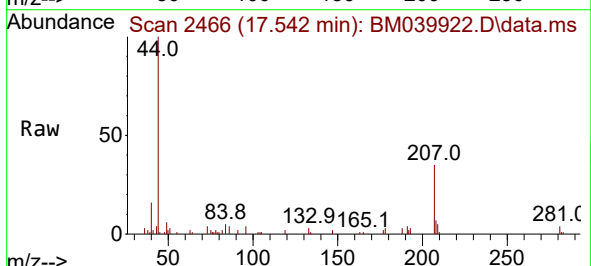
Tgt Ion:178 Resp: 363

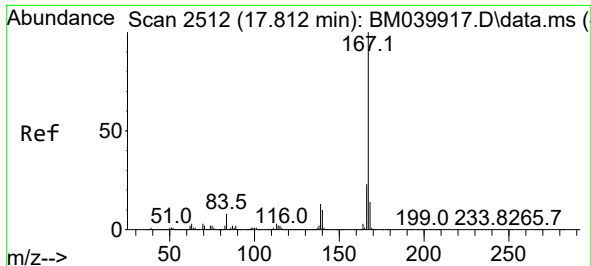
Ion Ratio Lower Upper

178 100

176 0.0 15.5 23.3#

179 0.0 12.4 18.6#

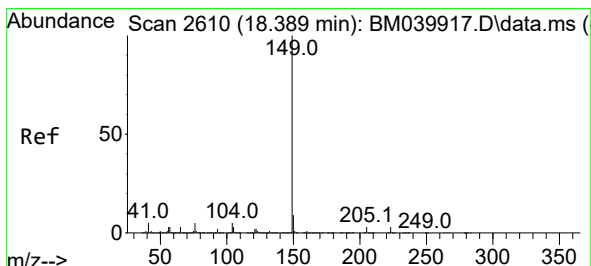
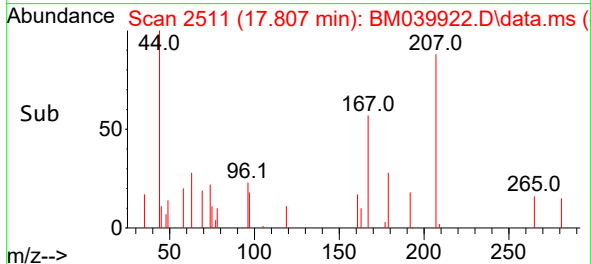
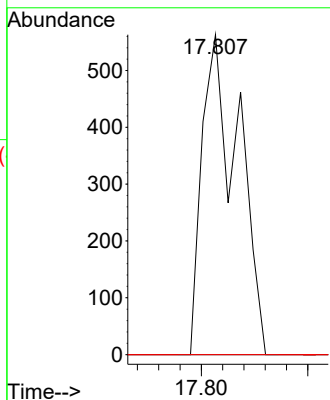
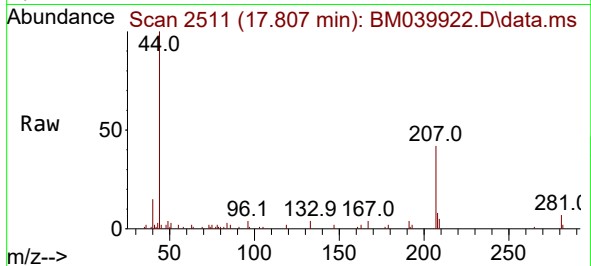




#73
Carbazole
Concen: 0.005 ng
RT: 17.807 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM039922.D
Acq: 12 May 2023 17:56

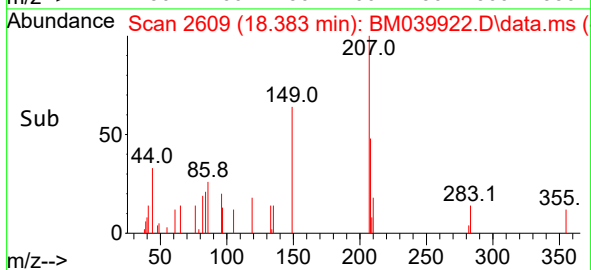
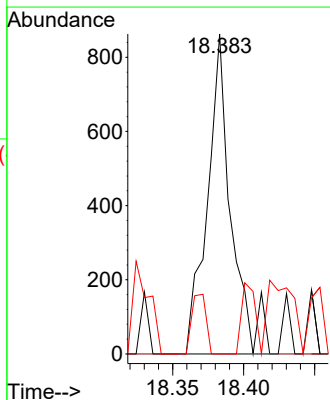
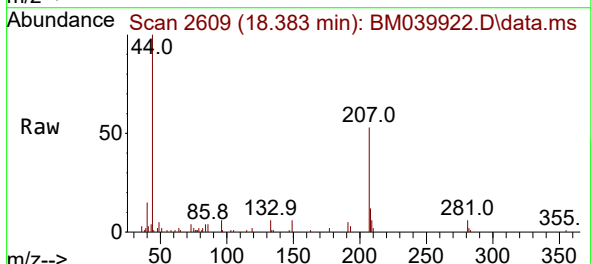
Instrument :
BNA_M
ClientSampleId :
PB152676TB

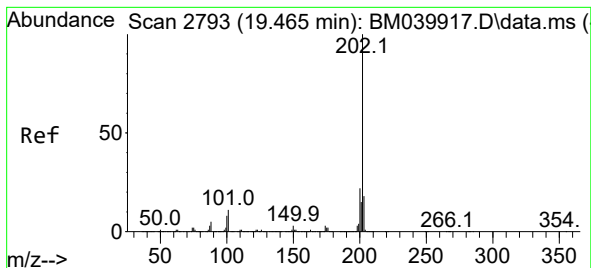
Tgt Ion:167 Resp: 666
Ion Ratio Lower Upper
167 100
166 0.0 18.1 27.1#
139 0.0 10.6 16.0#



#74
Di-n-butylphthalate
Concen: 0.006 ng
RT: 18.383 min Scan# 2609
Delta R.T. -0.006 min
Lab File: BM039922.D
Acq: 12 May 2023 17:56

Tgt Ion:149 Resp: 1013
Ion Ratio Lower Upper
149 100
150 0.0 7.5 11.3#
104 0.0 4.2 6.2#





#75

Fluoranthene

Concen: 0.005 ng

RT: 19.459 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM039922.D

Acq: 12 May 2023 17:56

Instrument :

BNA_M

ClientSampleId :

PB152676TB

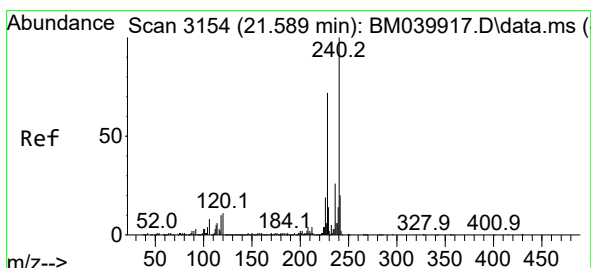
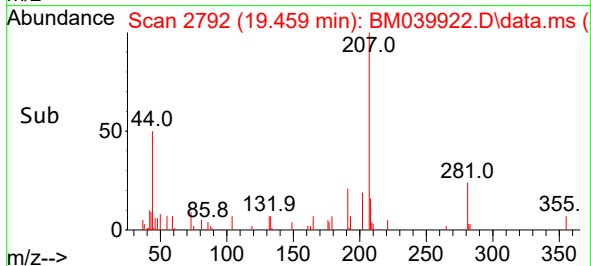
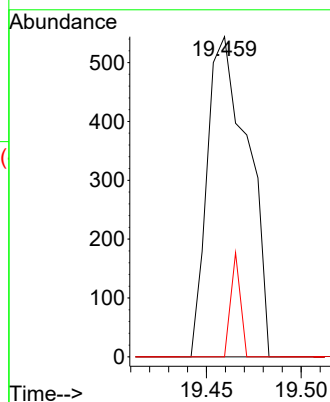
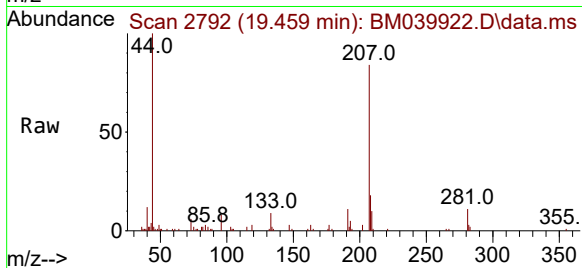
Tgt Ion:202 Resp: 812

Ion Ratio Lower Upper

202 100

101 0.0 0.0 30.6

203 0.0 0.0 38.2



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.583 min Scan# 3153

Delta R.T. -0.006 min

Lab File: BM039922.D

Acq: 12 May 2023 17:56

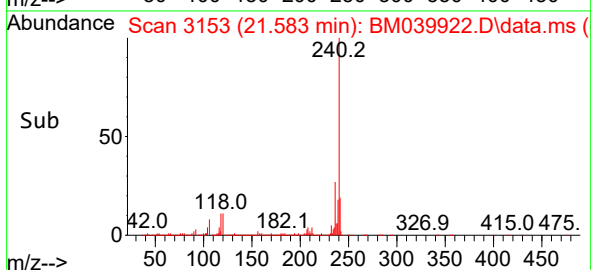
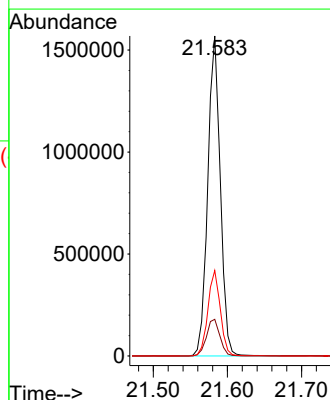
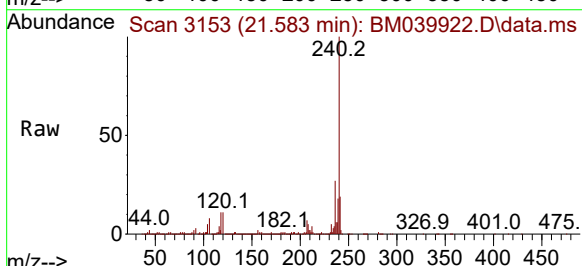
Tgt Ion:240 Resp: 1845215

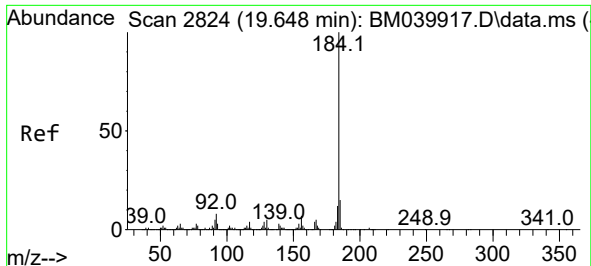
Ion Ratio Lower Upper

240 100

120 11.5 9.0 13.4

236 26.7 20.9 31.3

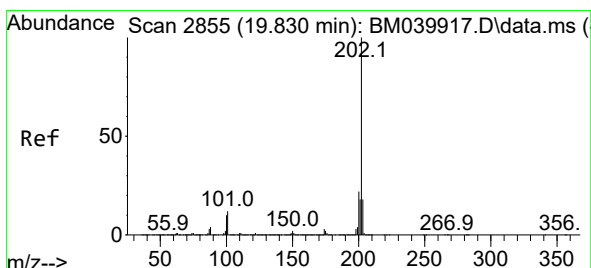
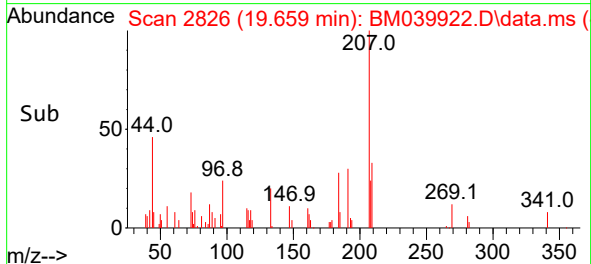
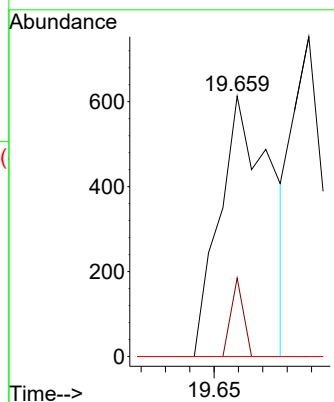
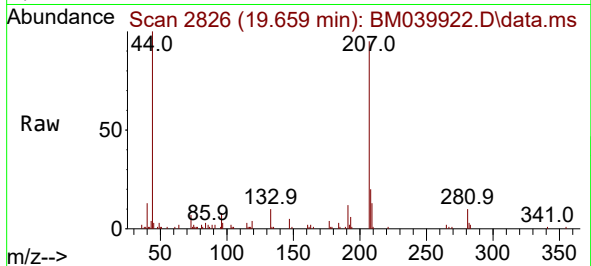




#77
Benzidine
Concen: 0.036 ng
RT: 19.659 min Scan# 21
Delta R.T. 0.012 min
Lab File: BM039922.D
Acq: 12 May 2023 17:56

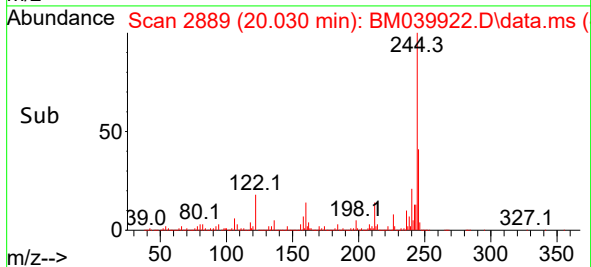
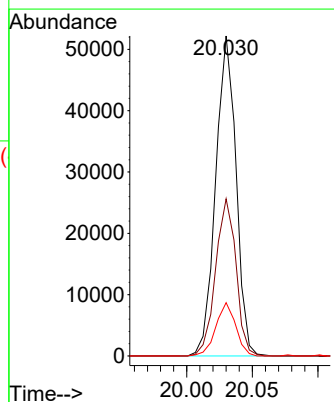
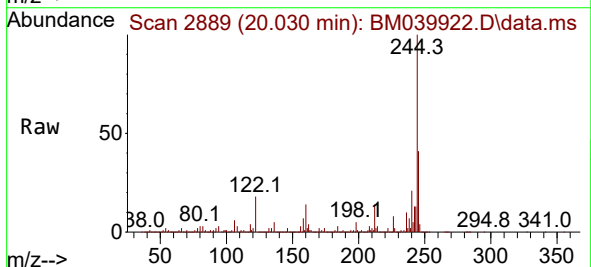
Instrument :
BNA_M
ClientSampleId :
PB152676TB

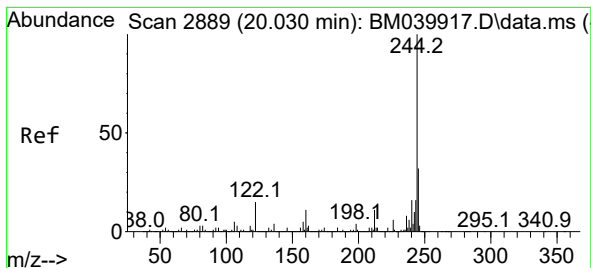
Tgt Ion:184 Resp: 897
Ion Ratio Lower Upper
184 100
185 30.2 12.1 18.1#
183 0.0 9.5 14.3#



#78
Pyrene
Concen: 0.429 ng
RT: 20.030 min Scan# 2889
Delta R.T. 0.200 min
Lab File: BM039922.D
Acq: 12 May 2023 17:56

Tgt Ion:202 Resp: 56240
Ion Ratio Lower Upper
202 100
200 49.1 17.6 26.4#
203 16.6 14.2 21.2





#79

Terphenyl-d14

Concen: 122.630 ng

RT: 20.024 min Scan# 2

Delta R.T. -0.006 min

Lab File: BM039922.D

Acq: 12 May 2023 17:56

Instrument :

BNA_M

ClientSampleId :

PB152676TB

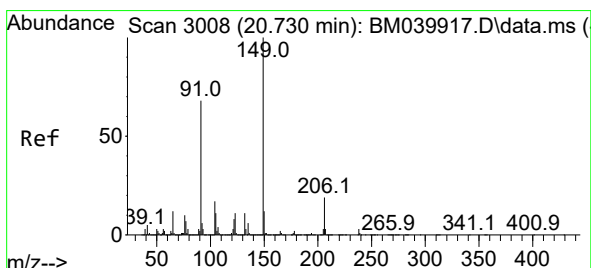
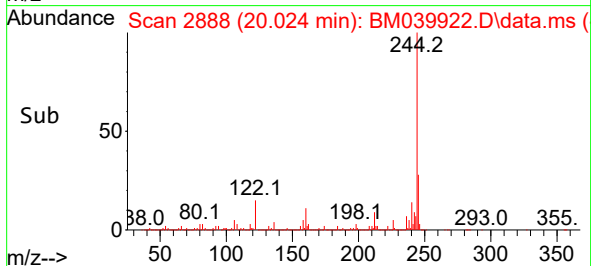
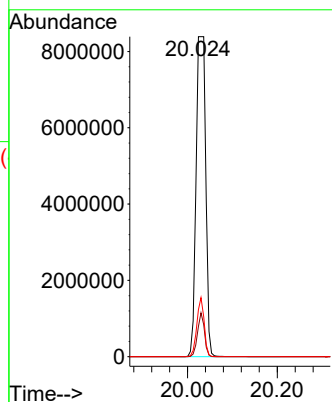
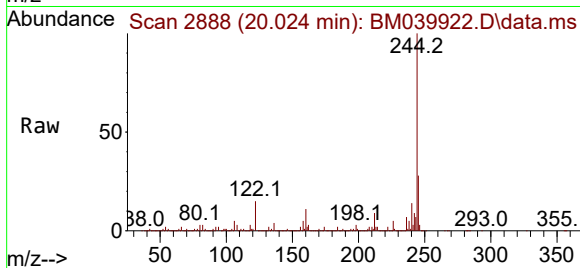
Tgt Ion:244 Resp:12502537

Ion Ratio Lower Upper

244 100

212 9.5 8.5 12.7

122 14.7 12.1 18.1



#80

Butylbenzylphthalate

Concen: 4.624 ng

RT: 20.706 min Scan# 3004

Delta R.T. -0.024 min

Lab File: BM039922.D

Acq: 12 May 2023 17:56

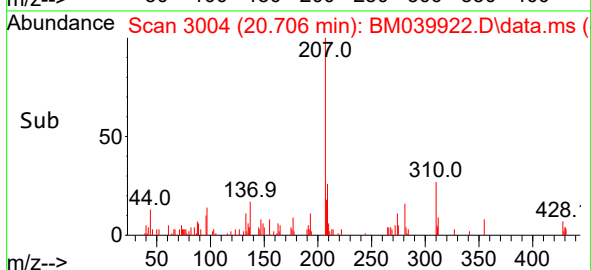
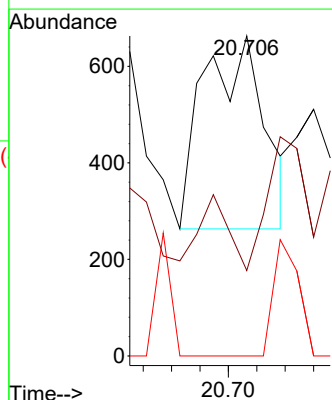
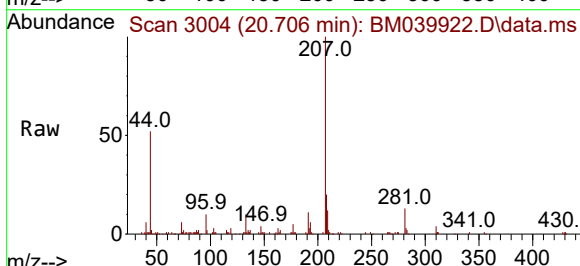
Tgt Ion:149 Resp: 596

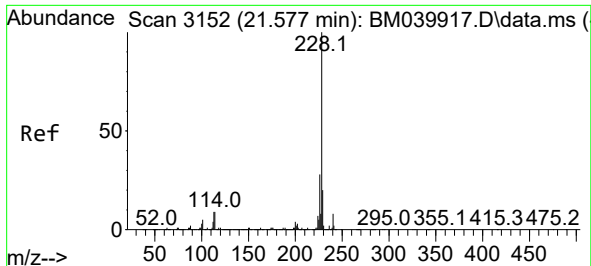
Ion Ratio Lower Upper

149 100

91 26.7 54.5 81.7#

206 0.0 14.9 22.3#

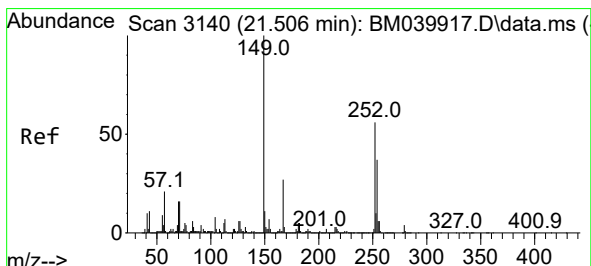
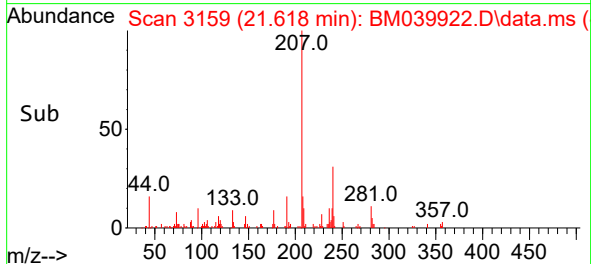
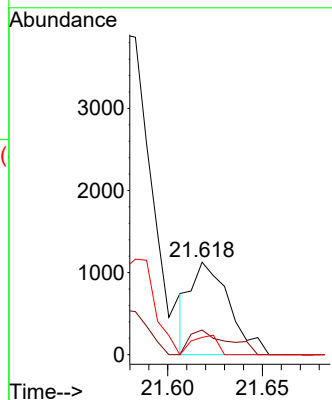
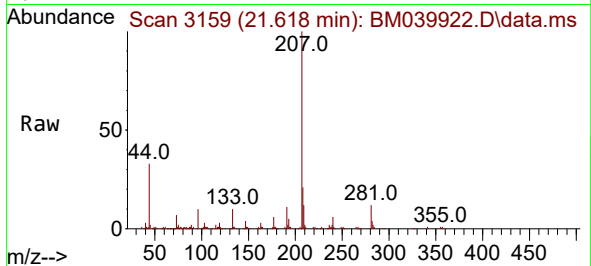




#81
Benzo(a)anthracene
Concen: 0.012 ng
RT: 21.618 min Scan# 3159
Delta R.T. 0.041 min
Lab File: BM039922.D
Acq: 12 May 2023 17:56

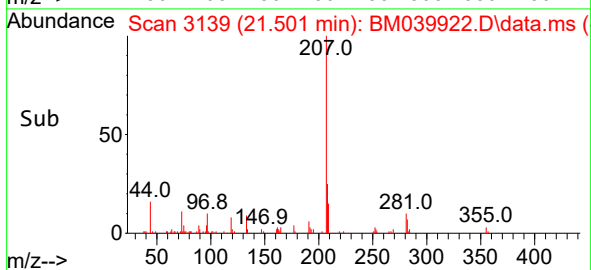
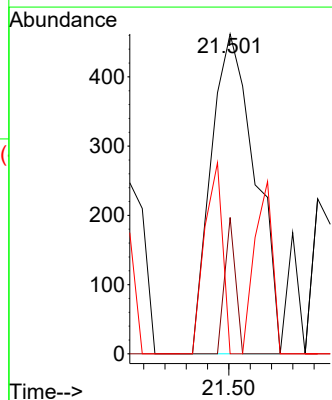
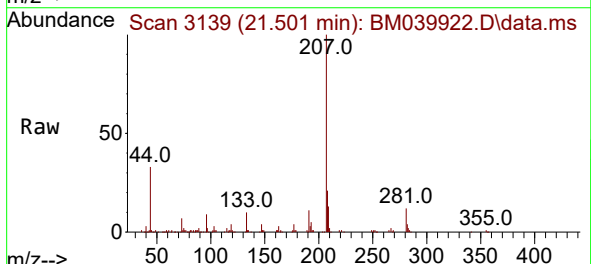
Instrument :
BNA_M
ClientSampleId :
PB152676TB

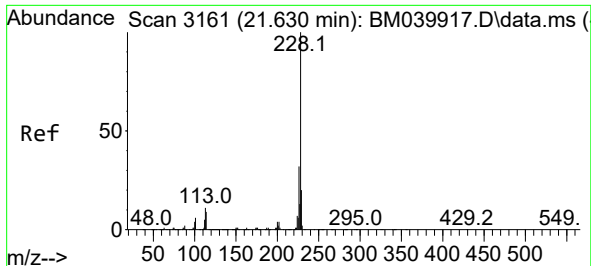
Tgt Ion:228 Resp: 1582
Ion Ratio Lower Upper
228 100
226 26.7 22.6 34.0
229 18.7 16.2 24.2



#82
3,3'-Dichlorobenzidine
Concen: 6.692 ng
RT: 21.501 min Scan# 3139
Delta R.T. -0.005 min
Lab File: BM039922.D
Acq: 12 May 2023 17:56

Tgt Ion:252 Resp: 666
Ion Ratio Lower Upper
252 100
254 42.6 52.3 78.5#
126 0.0 8.3 12.5#

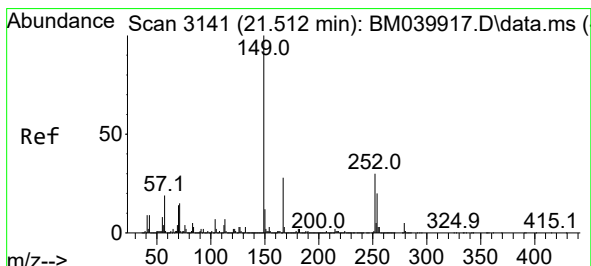
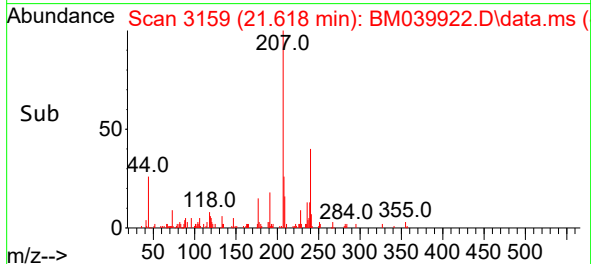
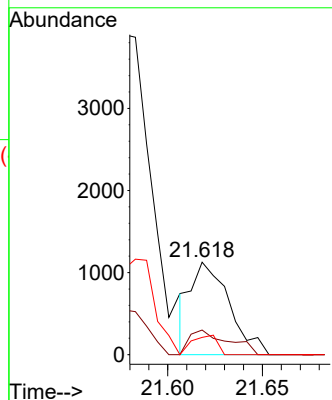
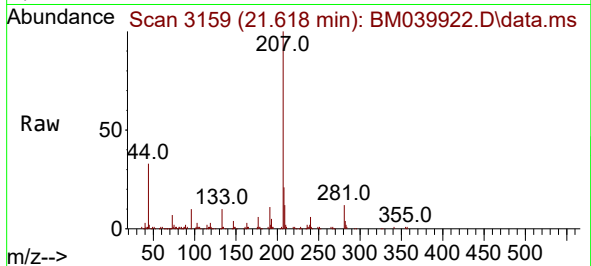




#83
Chrysene
Concen: 0.013 ng
RT: 21.618 min Scan# 3161
Delta R.T. -0.012 min
Lab File: BM039922.D
Acq: 12 May 2023 17:56

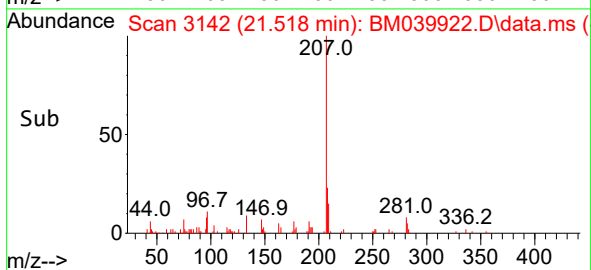
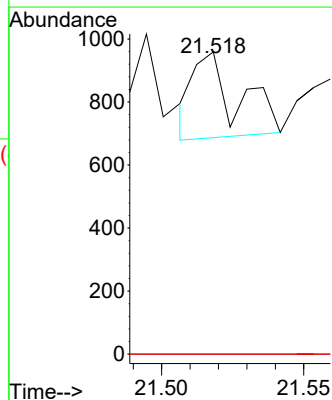
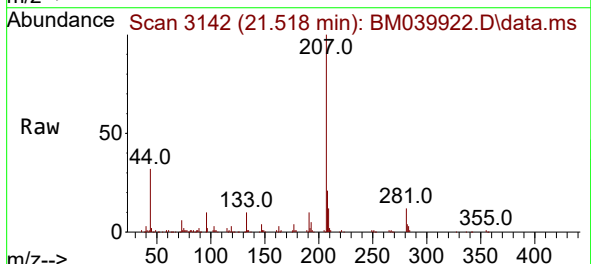
Instrument :
BNA_M
ClientSampleId :
PB152676TB

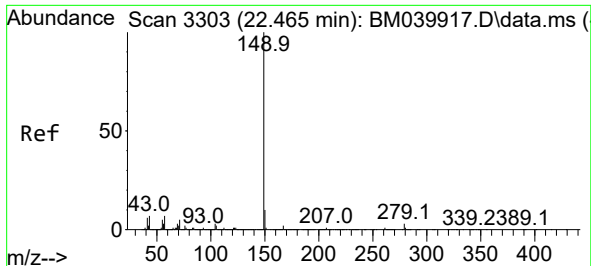
Tgt Ion:228 Resp: 1582
Ion Ratio Lower Upper
228 100
226 26.7 25.4 38.0
229 18.7 16.2 24.4



#84
Bis(2-ethylhexyl)phthalate
Concen: 4.836 ng
RT: 21.518 min Scan# 3142
Delta R.T. 0.006 min
Lab File: BM039922.D
Acq: 12 May 2023 17:56

Tgt Ion:149 Resp: 297
Ion Ratio Lower Upper
149 100
167 0.0 22.3 33.5#
279 0.0 3.8 5.6#

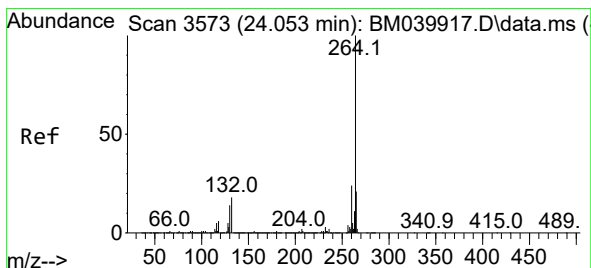
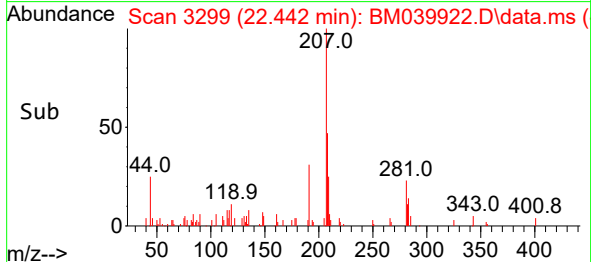
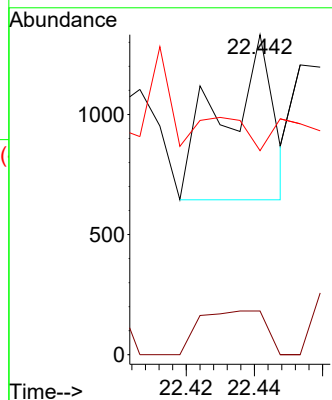
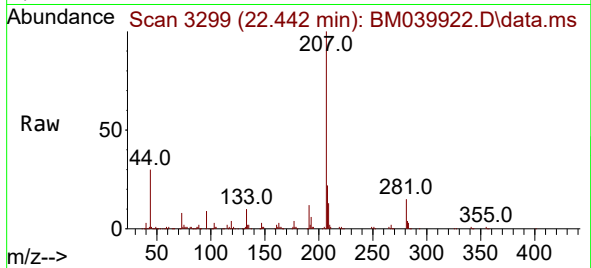




#85
Di-n-octyl phthalate
Concen: 7.712 ng
RT: 22.442 min Scan# 31
Delta R.T. -0.023 min
Lab File: BM039922.D
Acq: 12 May 2023 17:56

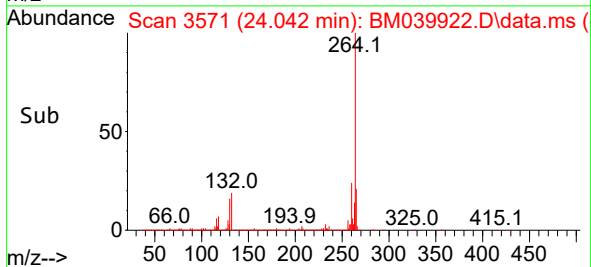
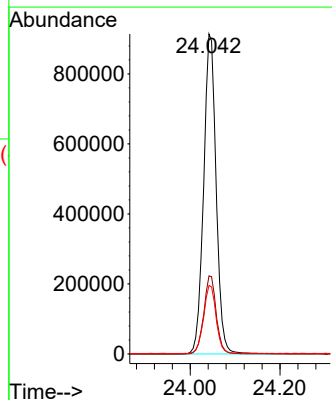
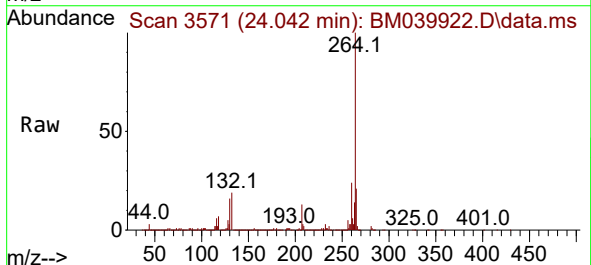
Instrument :
BNA_M
ClientSampleId :
PB152676TB

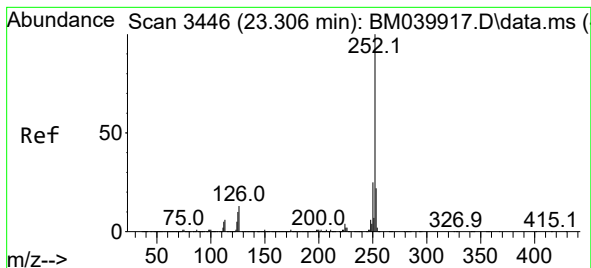
Tgt Ion:149 Resp: 699
Ion Ratio Lower Upper
149 100
167 35.2 1.2 1.8#
43 0.0 5.9 8.9#



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.042 min Scan# 3571
Delta R.T. -0.012 min
Lab File: BM039922.D
Acq: 12 May 2023 17:56

Tgt Ion:264 Resp: 1767682
Ion Ratio Lower Upper
264 100
260 24.4 19.3 28.9
265 21.4 17.2 25.8





#88

Benzo(b)fluoranthene

Concen: 0.005 ng

RT: 23.306 min Scan# 3446

Delta R.T. 0.000 min

Lab File: BM039922.D

Acq: 12 May 2023 17:56

Instrument :

BNA_M

ClientSampleId :

PB152676TB

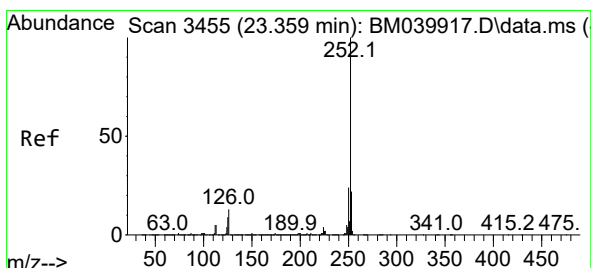
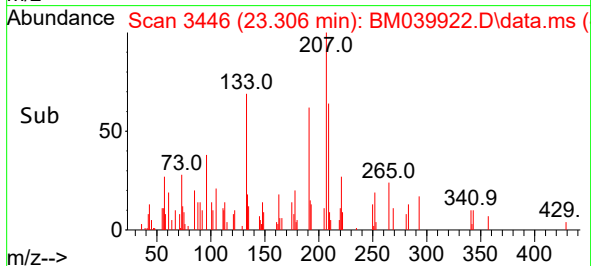
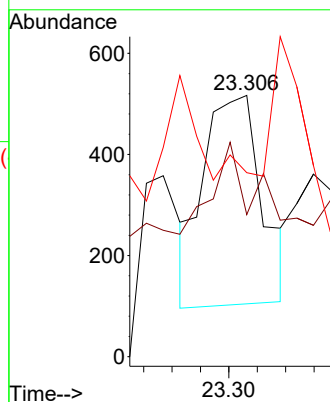
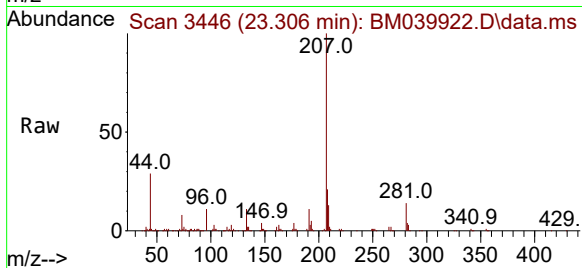
Tgt Ion:252 Resp: 592

Ion Ratio Lower Upper

252 100

253 54.4 17.8 26.6#

125 70.4 7.8 11.8#



#89

Benzo(k)fluoranthene

Concen: 0.009 ng

RT: 23.342 min Scan# 3452

Delta R.T. -0.018 min

Lab File: BM039922.D

Acq: 12 May 2023 17:56

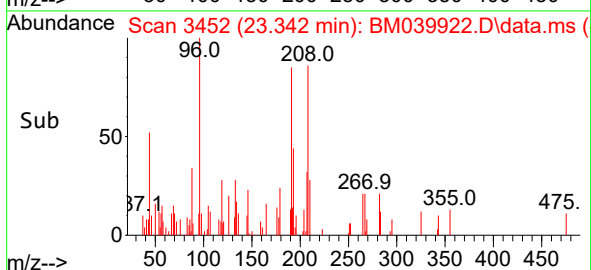
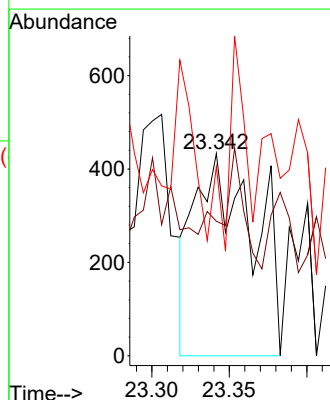
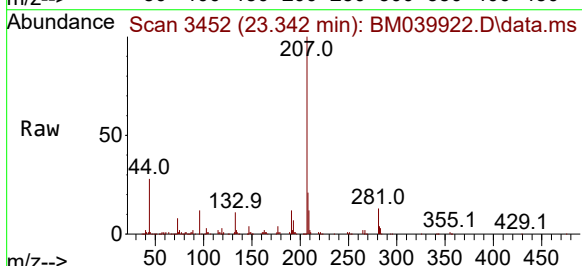
Tgt Ion:252 Resp: 1146

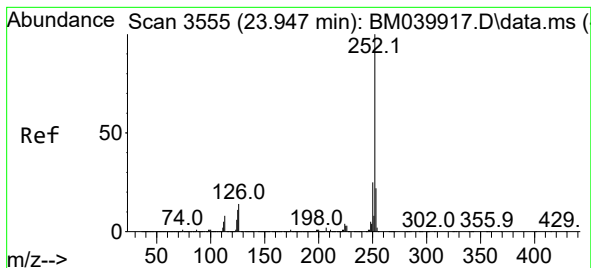
Ion Ratio Lower Upper

252 100

253 66.5 17.7 26.5#

125 93.5 7.5 11.3#





#90

Benzo(a)pyrene

Concen: 0.009 ng

RT: 23.936 min Scan# 3

Delta R.T. -0.012 min

Lab File: BM039922.D

Acq: 12 May 2023 17:56

Instrument :

BNA_M

ClientSampleId :

PB152676TB

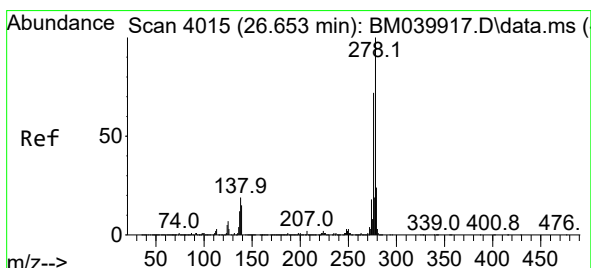
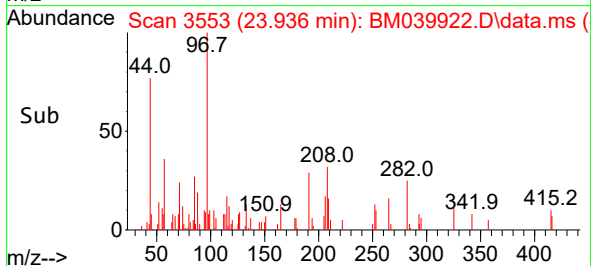
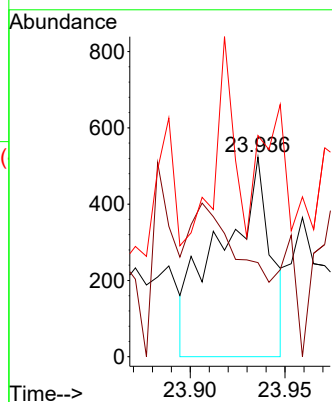
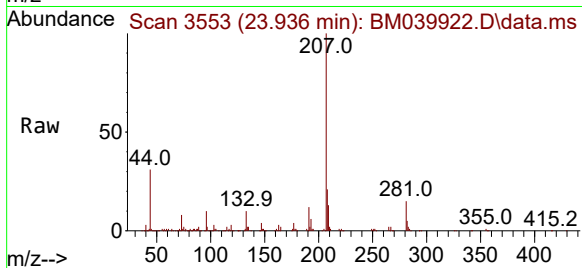
Tgt Ion:252 Resp: 964

Ion Ratio Lower Upper

252 100

253 47.2 17.7 26.5#

125 110.9 8.9 13.3#



#91

Dibenzo(a,h)anthracene

Concen: 0.000 ng

RT: 26.594 min Scan# 4005

Delta R.T. -0.059 min

Lab File: BM039922.D

Acq: 12 May 2023 17:56

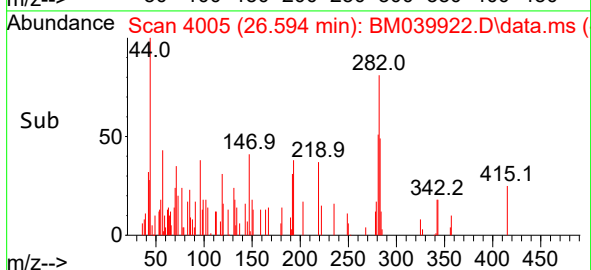
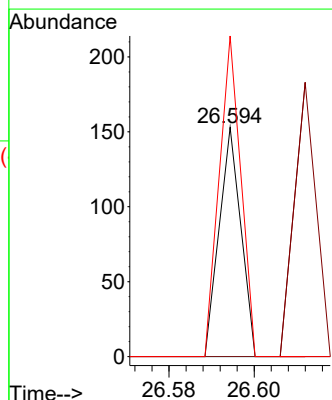
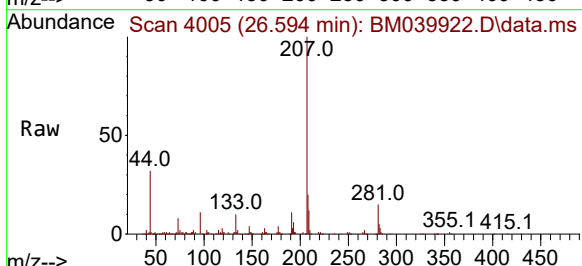
Tgt Ion:278 Resp: 54

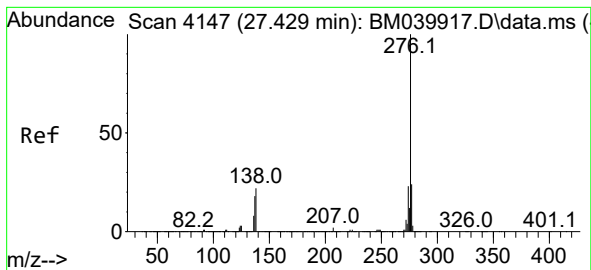
Ion Ratio Lower Upper

278 100

139 0.0 12.2 18.4#

279 139.9 19.3 28.9#





#92

Benzo(g,h,i)perylene

Concen: 0.001 ng

RT: 27.400 min Scan# 41

Delta R.T. -0.029 min

Lab File: BM039922.D

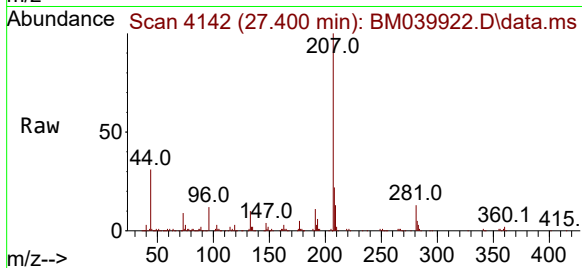
Acq: 12 May 2023 17:56

Instrument :

BNA_M

ClientSampleId :

PB152676TB



Tgt Ion:276 Resp: 53

Ion Ratio Lower Upper

276 100

277 0.0 19.1 28.7#

138 0.0 17.4 26.2#

