

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032923\
 Data File : BM032923.D
 Acq On : 29 Mar 2023 20:55
 Operator : CG/JU
 Sample : PB151658BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB151658BS

Quant Time: Mar 30 05:55:50 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 30 05:15:45 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.928	152	228969	20.000	ng	0.00
21) Naphthalene-d8	10.739	136	865680	20.000	ng	0.00
39) Acenaphthene-d10	14.574	164	475791	20.000	ng	0.00
64) Phenanthrene-d10	17.321	188	915833	20.000	ng	0.00
76) Chrysene-d12	21.503	240	708453	20.000	ng	0.00
86) Perylene-d12	23.915	264	710397	20.000	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	1833393	120.636	ng	0.00
7) Phenol-d6	7.098	99	2311704	117.602	ng	0.00
23) Nitrobenzene-d5	9.098	82	1384666	77.740	ng	0.00
42) 2,4,6-Tribromophenol	16.063	330	698490	115.650	ng	0.00
45) 2-Fluorobiphenyl	13.198	172	2810441	80.033	ng	0.00
79) Terphenyl-d14	19.939	244	3374723	88.008	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	3.352	88	282366	45.455	ng	99
3) Pyridine	3.757	79	709946	40.795	ng	99
4) n-Nitrosodimethylamine	3.669	42	316893	46.366	ng	100
6) Aniline	7.251	93	993544	40.838	ng	99
8) 2-Chlorophenol	7.492	128	778057	50.020	ng	99
9) Benzaldehyde	7.063	77	486537	43.462	ng	99
10) Phenol	7.122	94	987699	50.139	ng	100
11) bis(2-Chloroethyl)ether	7.351	93	767252	48.415	ng	100
12) 1,3-Dichlorobenzene	7.816	146	832106	50.442	ng	99
13) 1,4-Dichlorobenzene	7.963	146	838783	50.286	ng	97
14) 1,2-Dichlorobenzene	8.281	146	799898	50.151	ng	99
15) Benzyl Alcohol	8.175	79	644909	47.700	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.463	45	988752	48.779	ng	100
17) 2-Methylphenol	8.375	107	634571	46.043	ng	99
18) Hexachloroethane	9.010	117	325260	50.410	ng	99
19) n-Nitroso-di-n-propyla...	8.739	70	575394	45.791	ng	98
20) 3+4-Methylphenols	8.710	107	850891	45.945	ng	99
22) Acetophenone	8.757	105	1140731	49.284	ng	# 99
24) Nitrobenzene	9.139	77	847316	47.827	ng	99
25) Isophorone	9.669	82	1547374	46.568	ng	100
26) 2-Nitrophenol	9.851	139	409593	50.014	ng	97
27) 2,4-Dimethylphenol	9.916	122	699246	51.388	ng	99
28) bis(2-Chloroethoxy)met...	10.151	93	977948	48.619	ng	100
29) 2,4-Dichlorophenol	10.386	162	677471	51.029	ng	100
30) 1,2,4-Trichlorobenzene	10.598	180	716650	50.457	ng	99
31) Naphthalene	10.786	128	2244689	48.122	ng	100
32) Benzoic acid	10.069	122	495860	46.755	ng	99
33) 4-Chloroaniline	10.904	127	370706	18.140	ng	100
34) Hexachlorobutadiene	11.069	225	411797	49.307	ng	99
35) Caprolactam	11.698	113	207052	44.916	ng	97
36) 4-Chloro-3-methylphenol	12.033	107	706250	48.215	ng	99
37) 2-Methylnaphthalene	12.398	142	1482403	45.651	ng	99
38) 1-Methylnaphthalene	12.616	142	1387926	45.647	ng	100
40) 1,2,4,5-Tetrachloroben...	12.769	216	753937	52.045	ng	99
41) Hexachlorocyclopentadiene	12.745	237	1076376	136.010	ng	100
43) 2,4,6-Trichlorophenol	13.010	196	501683	50.781	ng	98

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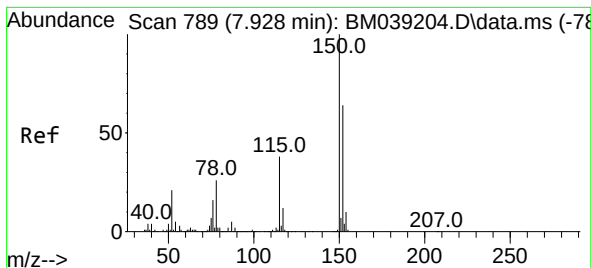
Quant Time: Mar 30 05:55:50 2023
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.080	196	537341	46.396	ng	98
46) 1,1'-Biphenyl	13.410	154	1917742	51.042	ng	100
47) 2-Chloronaphthalene	13.451	162	1458559	51.270	ng	99
48) 2-Nitroaniline	13.657	65	451888	47.202	ng	99
49) Acenaphthylene	14.298	152	2263540	48.411	ng	100
50) Dimethylphthalate	14.033	163	1704939	46.497	ng	100
51) 2,6-Dinitrotoluene	14.157	165	375853	47.665	ng	98
52) Acenaphthene	14.639	154	1346514	48.771	ng	100
53) 3-Nitroaniline	14.480	138	239509	26.274	ng	94
54) 2,4-Dinitrophenol	14.692	184	485651	104.000	ng	98
55) Dibenzofuran	14.968	168	2088225	46.980	ng	99
56) 4-Nitrophenol	14.798	139	704264	100.189	ng	98
57) 2,4-Dinitrotoluene	14.939	165	510461	47.855	ng	95
58) Fluorene	15.621	166	1654030	46.993	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.198	232	447940	48.617	ng	100
60) Diethylphthalate	15.392	149	1689098	45.766	ng	100
61) 4-Chlorophenyl-phenyle...	15.615	204	821759	47.110	ng	99
62) 4-Nitroaniline	15.645	138	395868	42.318	ng	98
63) Azobenzene	15.904	77	1759097	47.573	ng	98
65) 4,6-Dinitro-2-methylph...	15.704	198	292004	48.465	ng	98
66) n-Nitrosodiphenylamine	15.827	169	1419066	49.172	ng	99
67) 4-Bromophenyl-phenylether	16.510	248	484221	49.508	ng	99
68) Hexachlorobenzene	16.621	284	546081	51.493	ng	97
69) Atrazine	16.786	200	468042	51.205	ng	99
70) Pentachlorophenol	16.968	266	707714	93.015	ng	98
71) Phenanthrene	17.362	178	2426552	48.377	ng	100
72) Anthracene	17.451	178	2472982	48.352	ng	99
73) Carbazole	17.727	167	2279388	47.694	ng	99
74) Di-n-butylphthalate	18.286	149	2804259	47.435	ng	100
75) Fluoranthene	19.380	202	2598818	45.452	ng	99
77) Benzidine	19.562	184	1535936	82.195	ng	100
78) Pyrene	19.739	202	2697319	53.482	ng	100
80) Butylbenzylphthalate	20.639	149	1172603	50.750	ng	99
81) Benzo(a)anthracene	21.486	228	2409164	48.217	ng	99
82) 3,3'-Dichlorobenzidine	21.421	252	609277	36.606	ng	99
83) Chrysene	21.539	228	2272277	47.109	ng	99
84) Bis(2-ethylhexyl)phtha...	21.409	149	1686184	49.413	ng	99
85) Di-n-octyl phthalate	22.344	149	2850923	46.370	ng	100
87) Indeno(1,2,3-cd)pyrene	26.438	276	2474704	47.280	ng	100
88) Benzo(b)fluoranthene	23.186	252	2328958	53.579	ng	100
89) Benzo(k)fluoranthene	23.233	252	2261418	51.075	ng	99
90) Benzo(a)pyrene	23.815	252	1984441	46.473	ng	100
91) Dibenzo(a,h)anthracene	26.450	278	2078848	47.299	ng	100
92) Benzo(g,h,i)perylene	27.209	276	2016569	46.655	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: 7.928 min Scan# 789

Delta R.T. -0.000 min

Lab File: BM039214.D

Acq: 29 Mar 2023 20:55

Instrument :

BNA_M

ClientSampleId :

PB151658BS

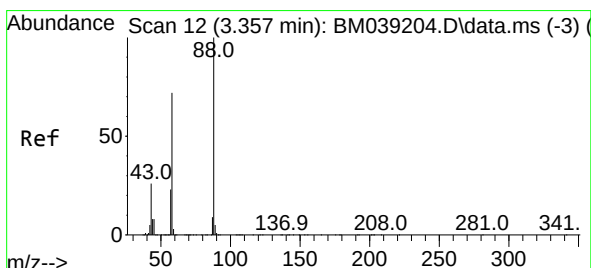
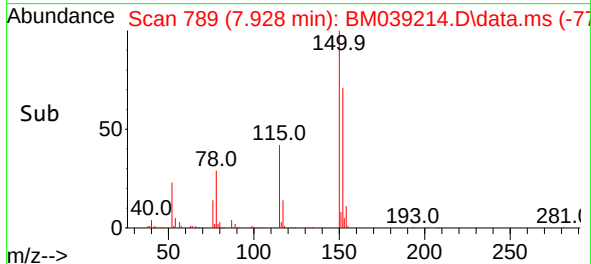
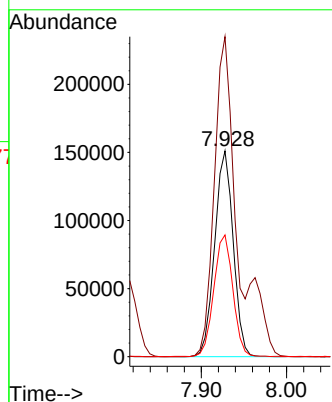
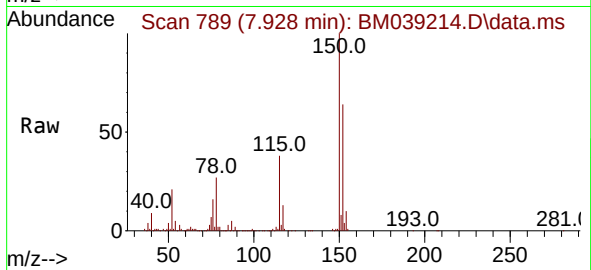
Tgt Ion:152 Resp: 228969

Ion Ratio Lower Upper

152 100

150 155.5 125.5 188.3

115 59.1 48.1 72.1



#2

1,4-Dioxane

Concen: 45.455 ng

RT: 3.352 min Scan# 11

Delta R.T. -0.006 min

Lab File: BM039214.D

Acq: 29 Mar 2023 20:55

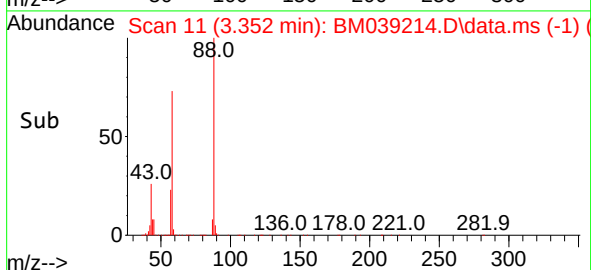
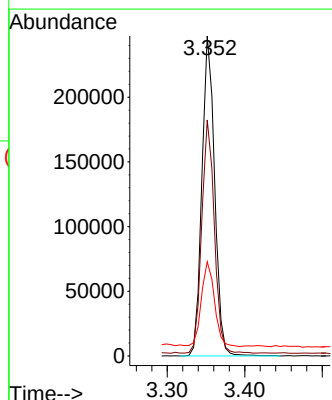
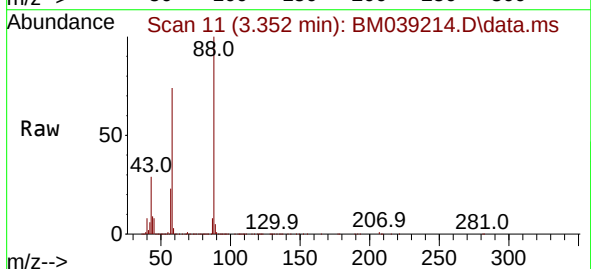
Tgt Ion: 88 Resp: 282366

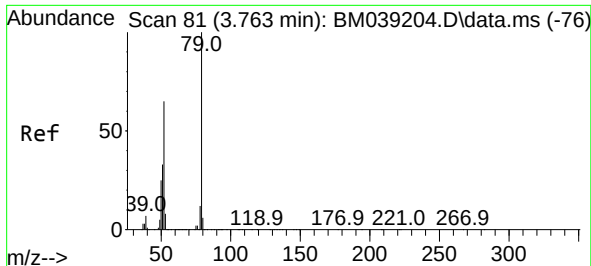
Ion Ratio Lower Upper

88 100

58 72.0 57.9 86.9

43 27.3 21.4 32.2

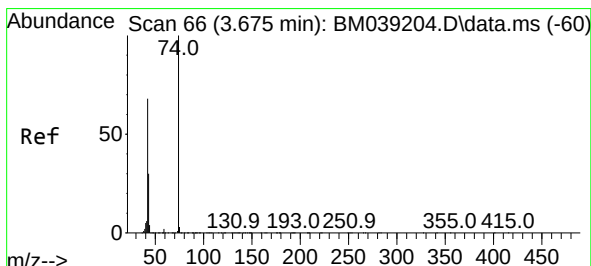
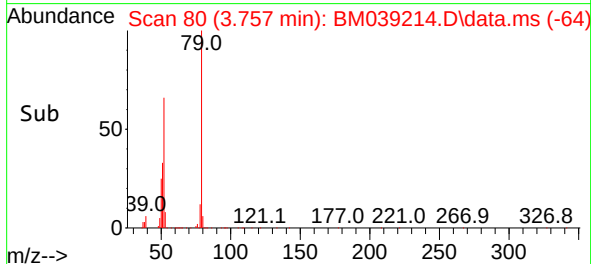
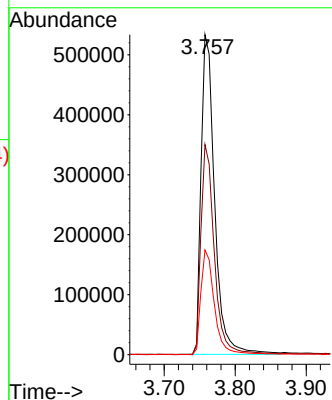
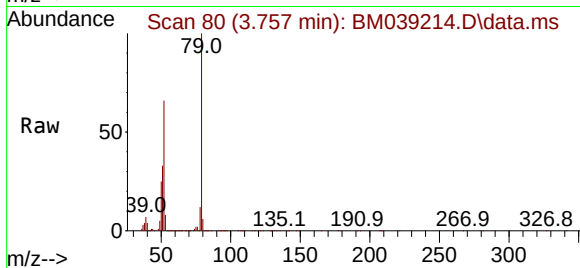




#3
 Pyridine
 Concen: 40.795 ng
 RT: 3.757 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: BM039214.D
 Acq: 29 Mar 2023 20:55

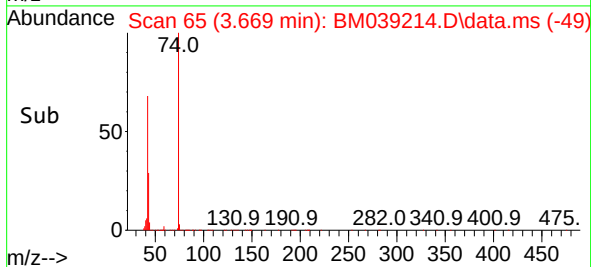
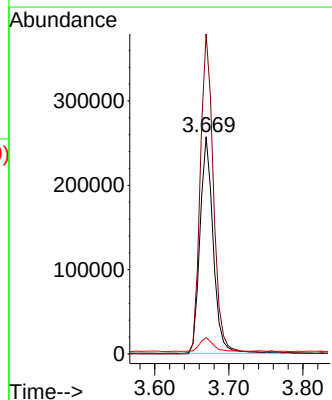
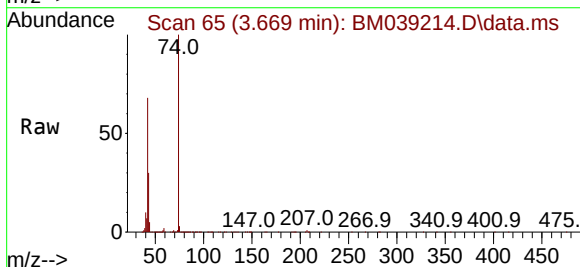
Instrument :
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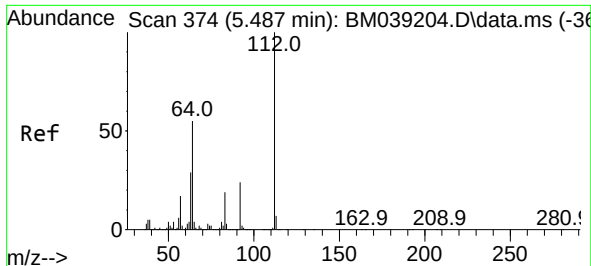
Tgt Ion: 79 Resp: 709946
 Ion Ratio Lower Upper
 79 100
 52 65.6 52.0 78.0
 51 32.7 26.4 39.6



#4
 n-Nitrosodimethylamine
 Concen: 46.366 ng
 RT: 3.669 min Scan# 65
 Delta R.T. -0.006 min
 Lab File: BM039214.D
 Acq: 29 Mar 2023 20:55

Tgt Ion: 42 Resp: 316893
 Ion Ratio Lower Upper
 42 100
 74 147.2 118.1 177.1
 44 7.5 6.3 9.5

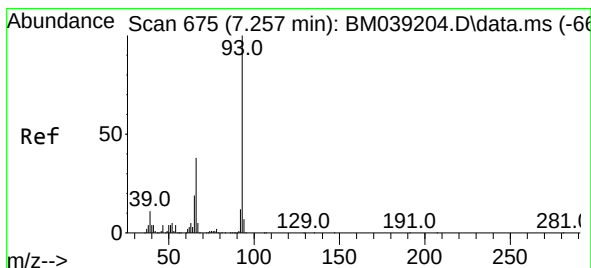
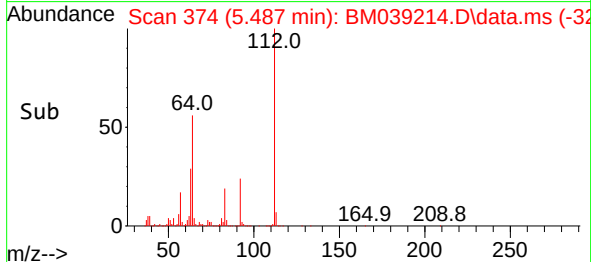
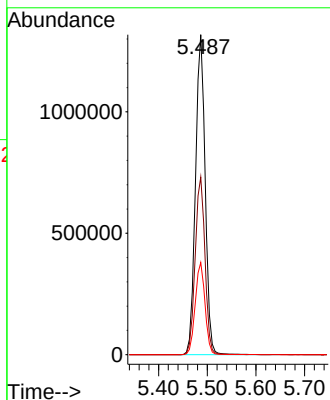
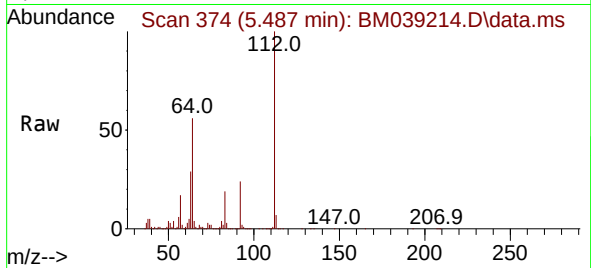




#5
2-Fluorophenol
Concen: 120.636 ng
RT: 5.487 min Scan# 31
Delta R.T. -0.000 min
Lab File: BM039214.D
Acq: 29 Mar 2023 20:55

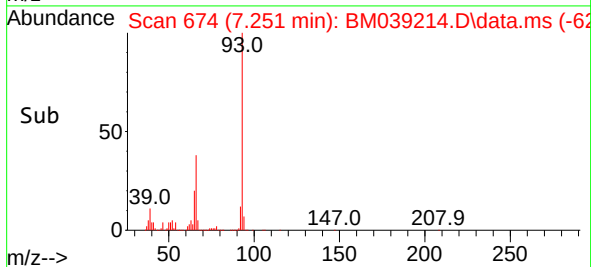
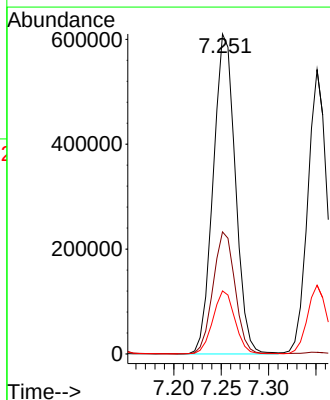
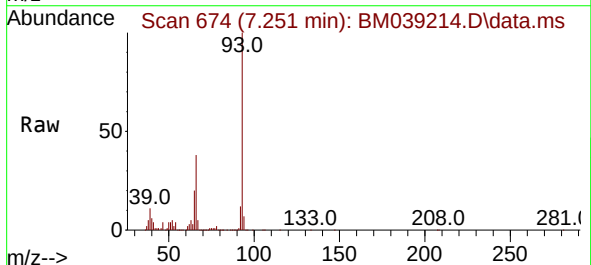
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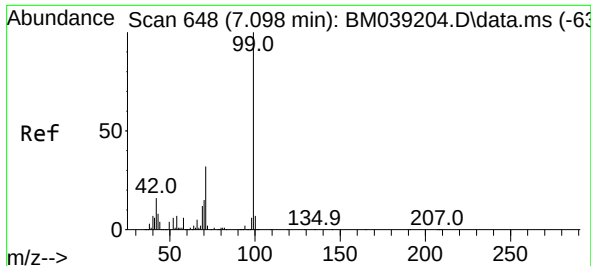
Tgt Ion:112 Resp: 1833393
Ion Ratio Lower Upper
112 100
64 55.5 44.3 66.5
63 28.8 23.0 34.6



#6
Aniline
Concen: 40.838 ng
RT: 7.251 min Scan# 674
Delta R.T. -0.006 min
Lab File: BM039214.D
Acq: 29 Mar 2023 20:55

Tgt Ion: 93 Resp: 993544
Ion Ratio Lower Upper
93 100
66 38.1 30.1 45.1
65 19.7 15.5 23.3



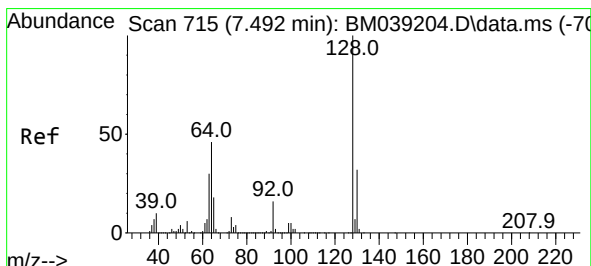
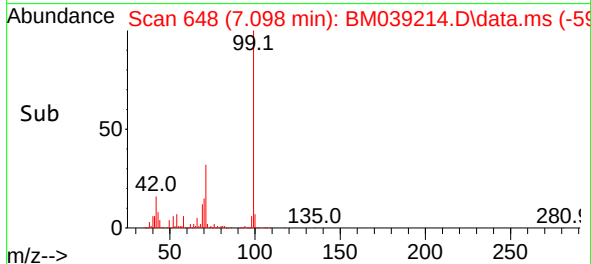
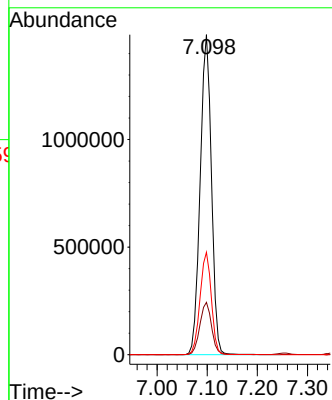
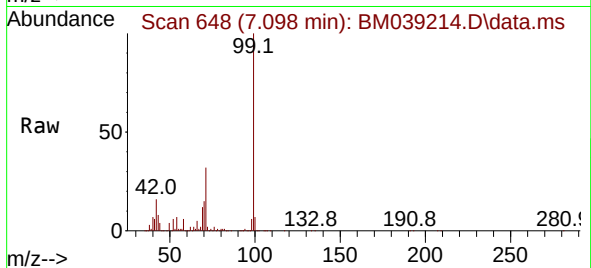


#7
Phenol-d6
Concen: 117.602 ng
RT: 7.098 min Scan# 648
Delta R.T. -0.000 min
Lab File: BM039214.D
Acq: 29 Mar 2023 20:55

Instrument :
BNA_M
ClientSampleId :
PB151658BS

Tgt Ion: 99 Resp: 2311704

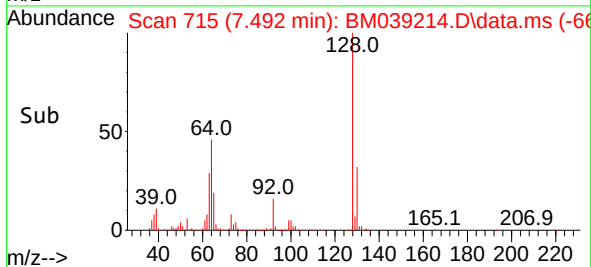
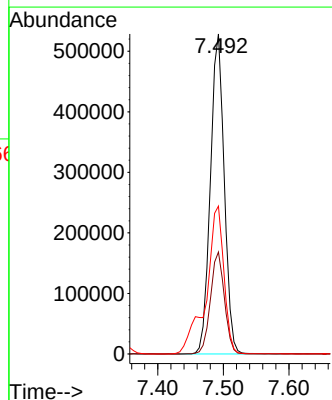
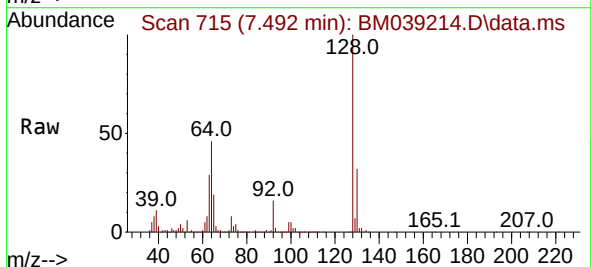
Ion	Ratio	Lower	Upper
99	100		
42	16.3	13.0	19.6
71	32.0	25.5	38.3

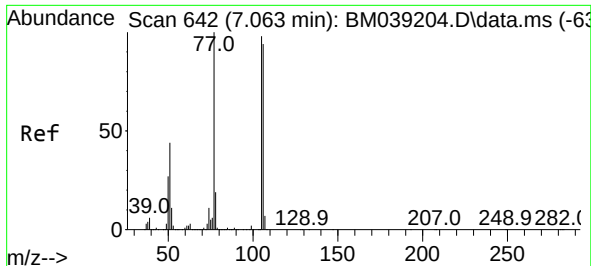


#8
2-Chlorophenol
Concen: 50.020 ng
RT: 7.492 min Scan# 715
Delta R.T. -0.000 min
Lab File: BM039214.D
Acq: 29 Mar 2023 20:55

Tgt Ion: 128 Resp: 778057

Ion	Ratio	Lower	Upper
128	100		
130	31.8	12.2	52.2
64	46.2	25.9	65.9

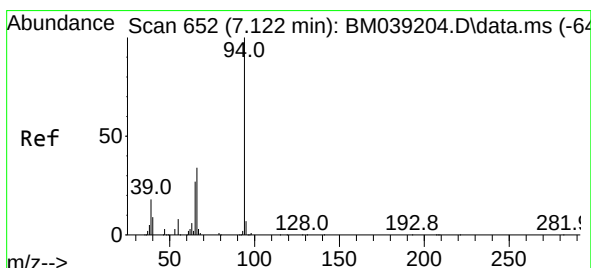
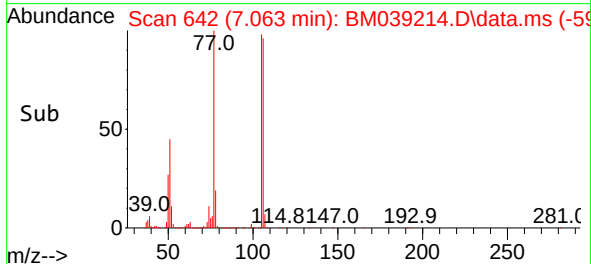
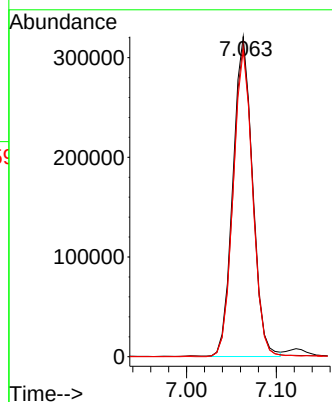
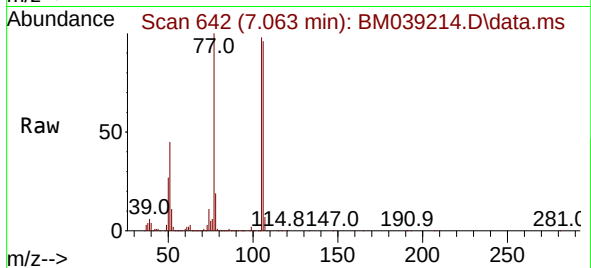




#9
Benzaldehyde
Concen: 43.462 ng
RT: 7.063 min Scan# 642
Delta R.T. 0.000 min
Lab File: BM039214.D
Acq: 29 Mar 2023 20:55

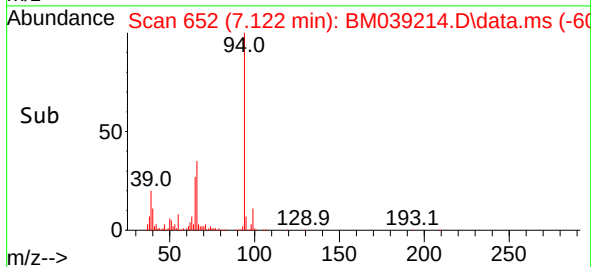
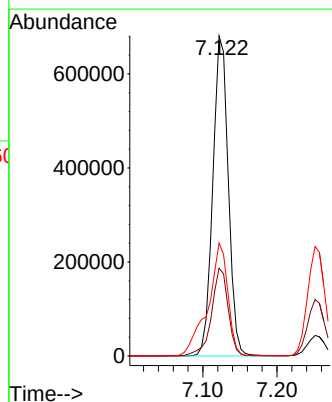
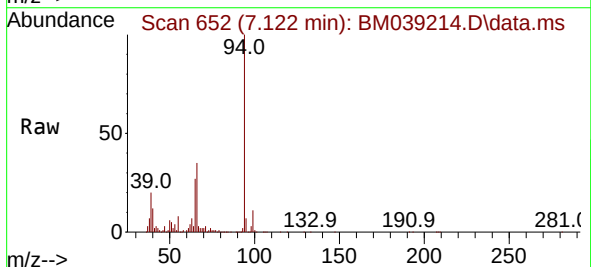
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ClientSampleId :
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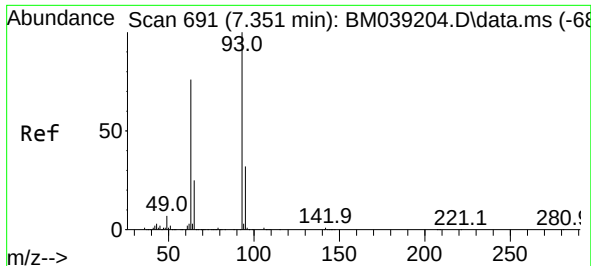
Tgt Ion: 77 Resp: 486537
Ion Ratio Lower Upper
77 100
105 97.6 78.2 118.2
106 95.8 73.8 113.8



#10
Phenol
Concen: 50.139 ng
RT: 7.122 min Scan# 652
Delta R.T. -0.000 min
Lab File: BM039214.D
Acq: 29 Mar 2023 20:55

Tgt Ion: 94 Resp: 987699
Ion Ratio Lower Upper
94 100
65 27.5 7.2 47.2
66 35.3 15.2 55.2

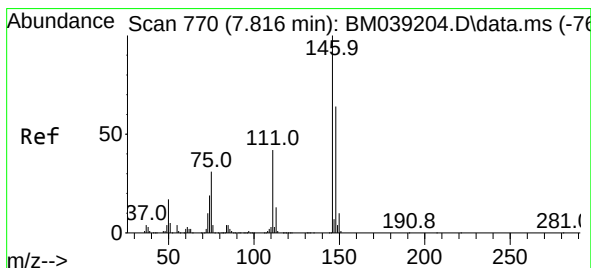
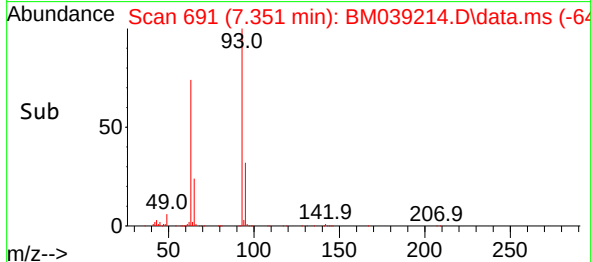
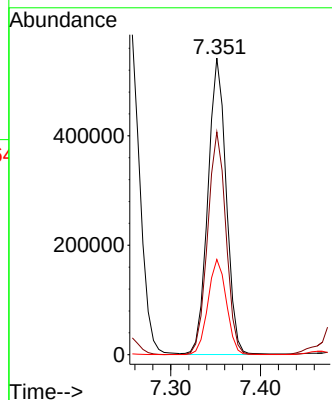
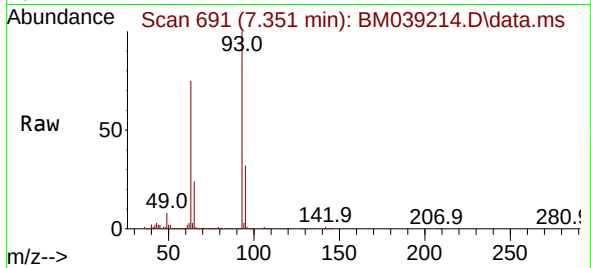




#11
bis(2-Chloroethyl)ether
Concen: 48.415 ng
RT: 7.351 min Scan# 691
Delta R.T. -0.000 min
Lab File: BM039214.D
Acq: 29 Mar 2023 20:55

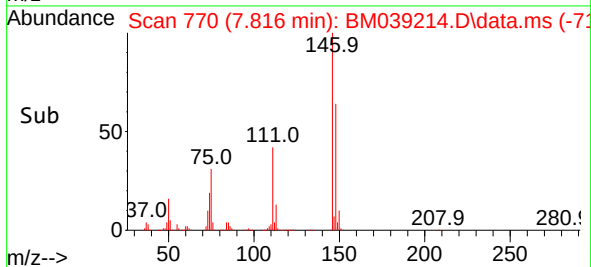
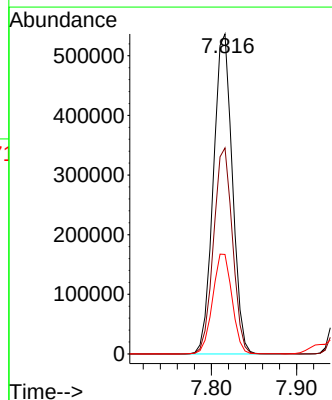
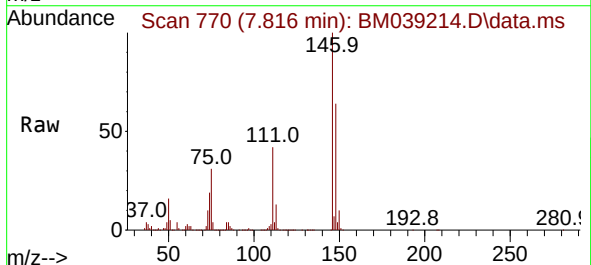
Instrument :
BNA_M
ClientSampleId :
PB151658BS

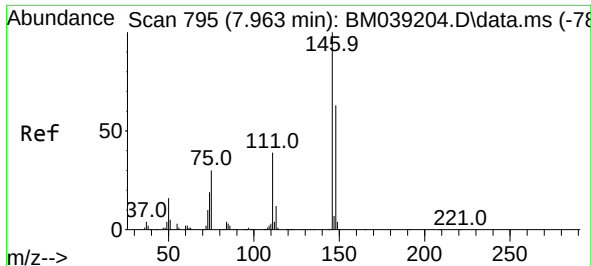
Tgt Ion: 93 Resp: 767252
Ion Ratio Lower Upper
93 100
63 75.1 55.5 95.5
95 32.1 12.2 52.2



#12
1,3-Dichlorobenzene
Concen: 50.442 ng
RT: 7.816 min Scan# 770
Delta R.T. -0.000 min
Lab File: BM039214.D
Acq: 29 Mar 2023 20:55

Tgt Ion: 146 Resp: 832106
Ion Ratio Lower Upper
146 100
148 64.4 51.2 76.8
75 31.1 25.2 37.8

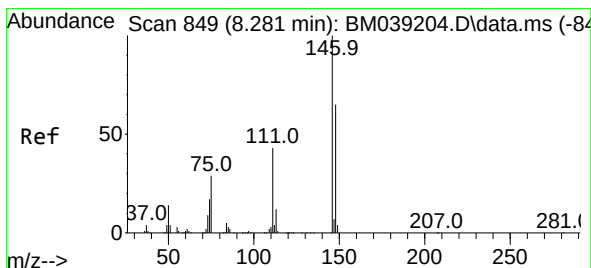
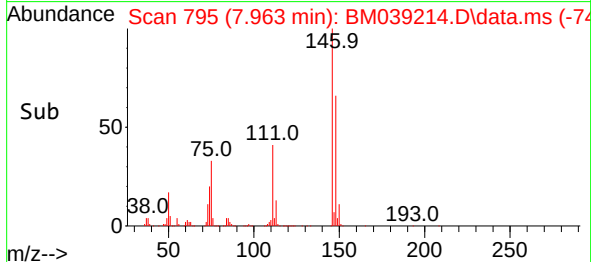
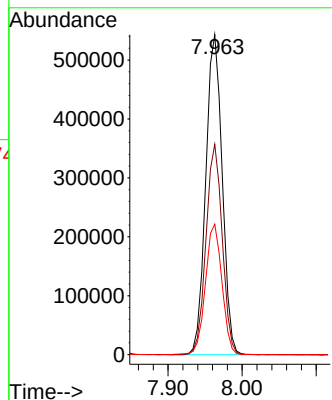
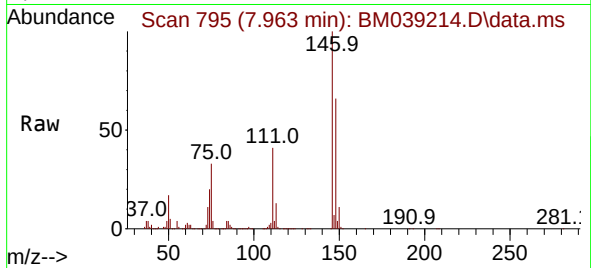




#13
1,4-Dichlorobenzene
Concen: 50.286 ng
RT: 7.963 min Scan# 795
Delta R.T. -0.000 min
Lab File: BM039214.D
Acq: 29 Mar 2023 20:55

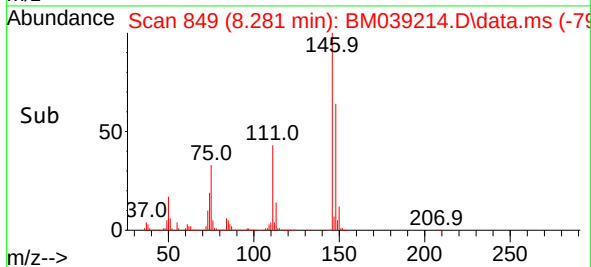
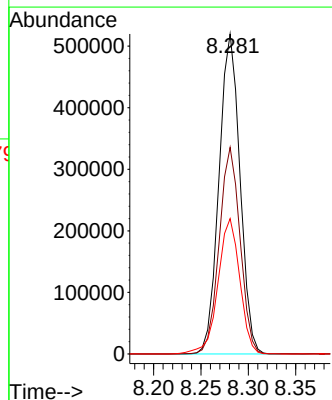
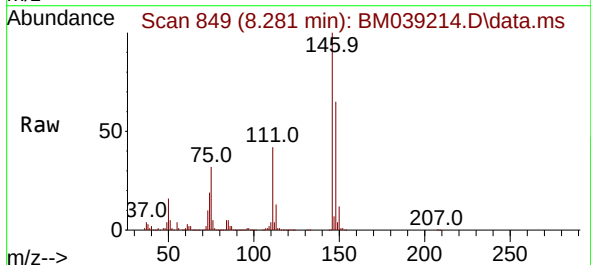
Instrument :
BNA_M
ClientSampleId :
PB151658BS

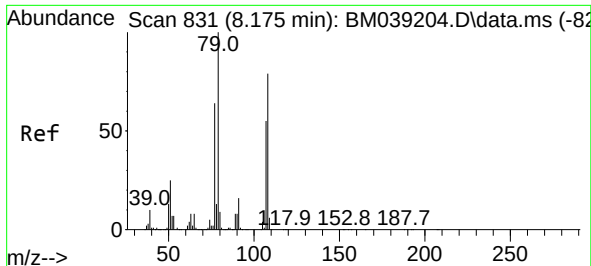
Tgt Ion:146 Resp: 838783
Ion Ratio Lower Upper
146 100
148 65.7 50.8 76.2
111 40.8 31.5 47.3



#14
1,2-Dichlorobenzene
Concen: 50.151 ng
RT: 8.281 min Scan# 849
Delta R.T. -0.000 min
Lab File: BM039214.D
Acq: 29 Mar 2023 20:55

Tgt Ion:146 Resp: 799898
Ion Ratio Lower Upper
146 100
148 64.6 52.1 78.1
111 42.3 34.5 51.7

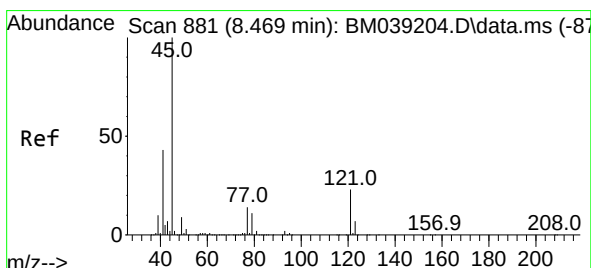
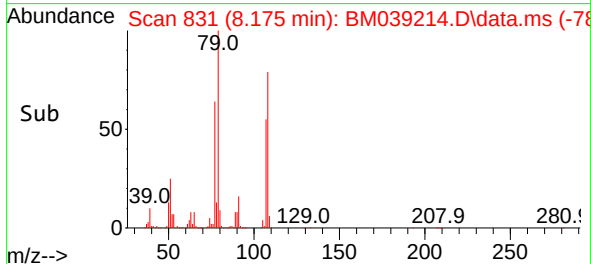
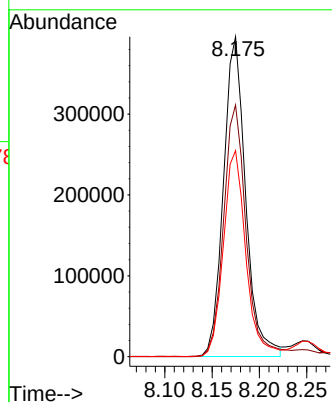
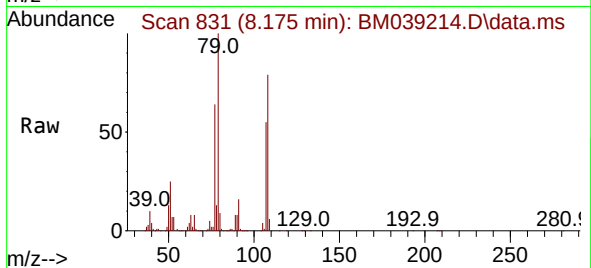




#15
Benzyl Alcohol
Concen: 47.700 ng
RT: 8.175 min Scan# 811
Delta R.T. -0.000 min
Lab File: BM039214.D
Acq: 29 Mar 2023 20:55

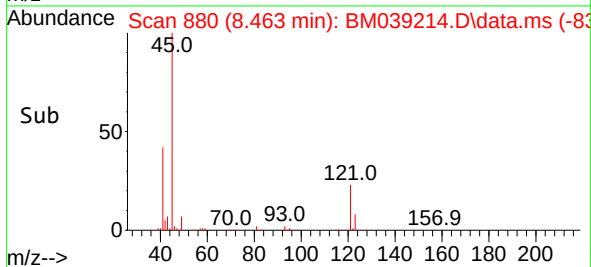
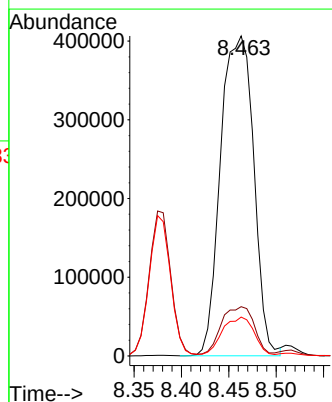
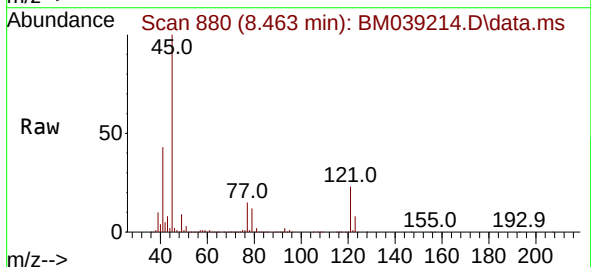
Instrument :
BNA_M
ClientSampleId :
PB151658BS

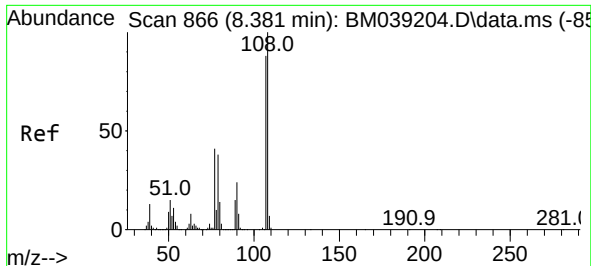
Tgt Ion: 79 Resp: 644909
Ion Ratio Lower Upper
79 100
108 78.6 63.4 95.0
77 64.4 51.5 77.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 48.779 ng
RT: 8.463 min Scan# 880
Delta R.T. -0.006 min
Lab File: BM039214.D
Acq: 29 Mar 2023 20:55

Tgt Ion: 45 Resp: 988752
Ion Ratio Lower Upper
45 100
77 15.4 0.0 35.1
79 12.1 0.0 32.2



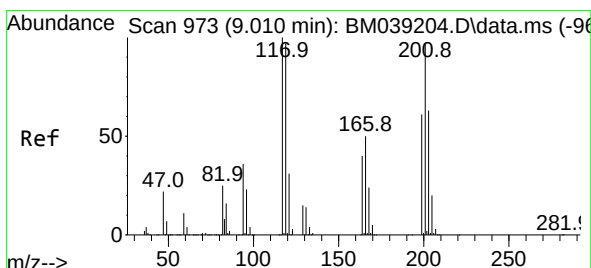
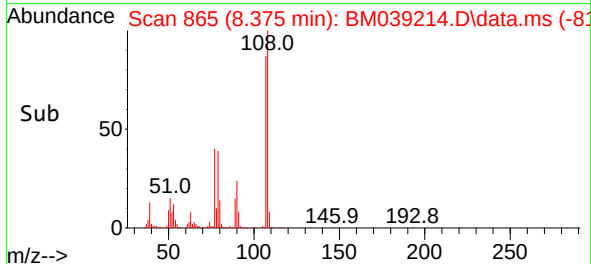
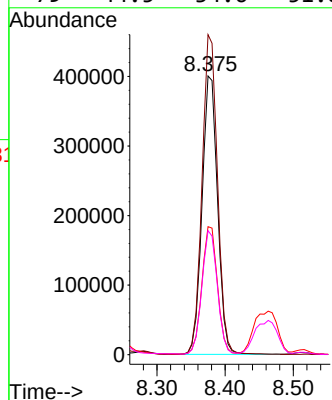
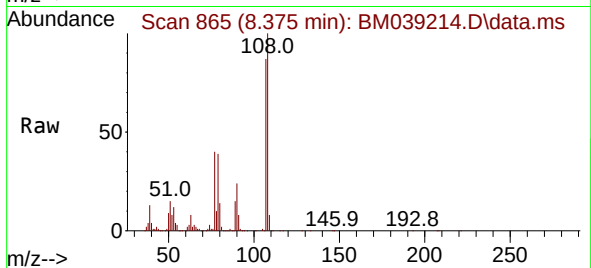


#17
2-Methylphenol
Concen: 46.043 ng
RT: 8.375 min Scan# 865
Delta R.T. -0.006 min
Lab File: BM039214.D
Acq: 29 Mar 2023 20:55

Instrument :
BNA_M
ClientSampleId :
PB151658BS

Tgt Ion:107 Resp: 634571

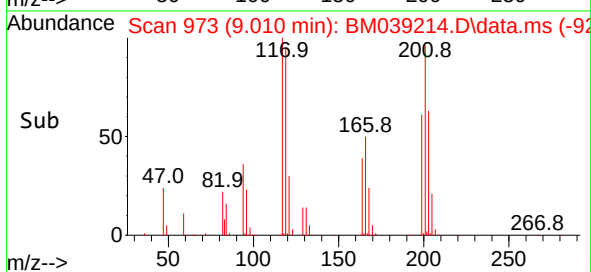
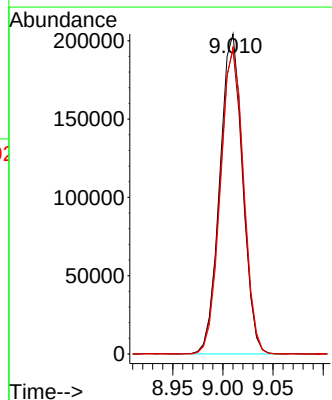
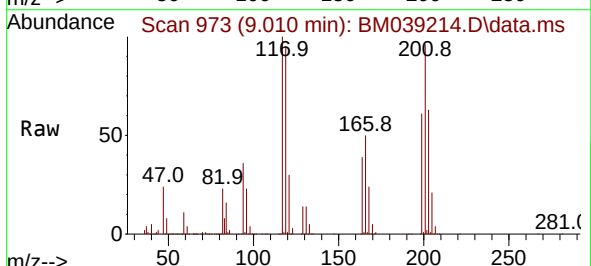
Ion	Ratio	Lower	Upper
107	100		
108	114.8	90.6	136.0
77	45.9	37.0	55.4
79	44.5	34.6	51.8

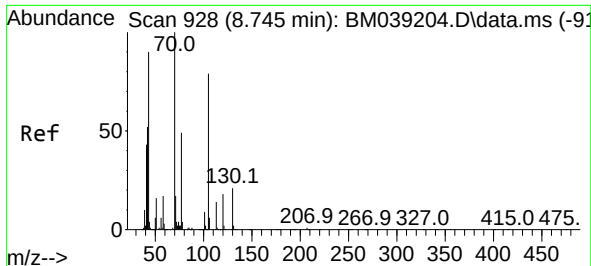


#18
Hexachloroethane
Concen: 50.410 ng
RT: 9.010 min Scan# 973
Delta R.T. -0.000 min
Lab File: BM039214.D
Acq: 29 Mar 2023 20:55

Tgt Ion:117 Resp: 325260

Ion	Ratio	Lower	Upper
117	100		
119	95.1	77.8	116.8
201	95.9	77.3	115.9

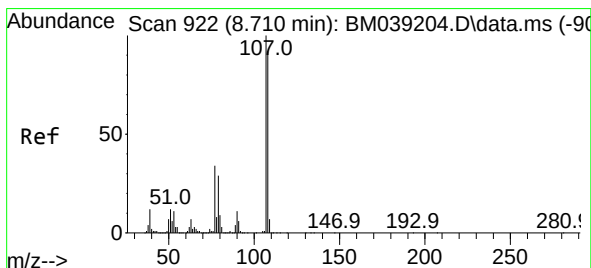
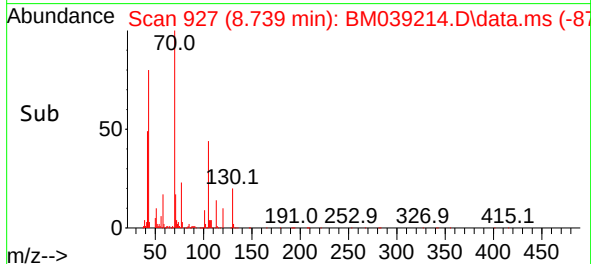
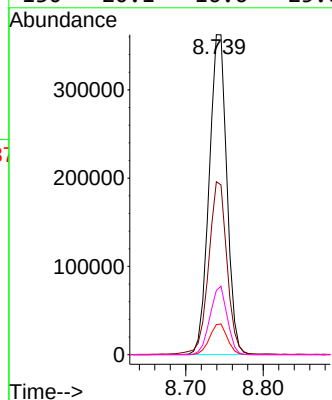
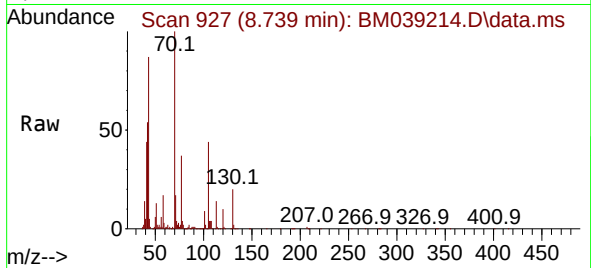




#19
n-Nitroso-di-n-propylamine
Concen: 45.791 ng
RT: 8.739 min Scan# 91
Delta R.T. -0.006 min
Lab File: BM039214.D
Acq: 29 Mar 2023 20:55

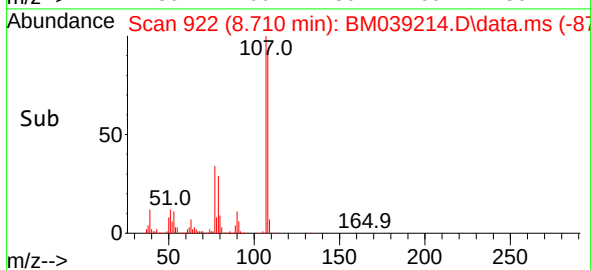
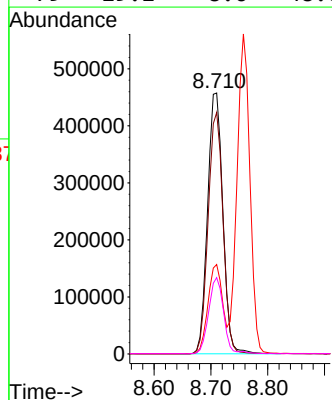
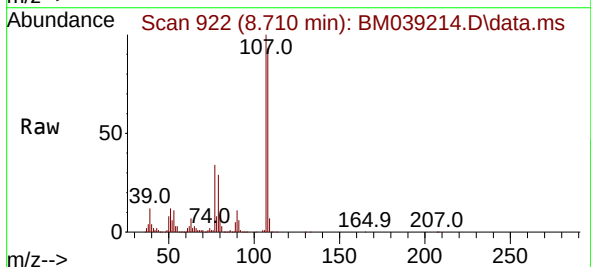
Instrument :
BNA_M
ClientSampleId :
PB151658BS

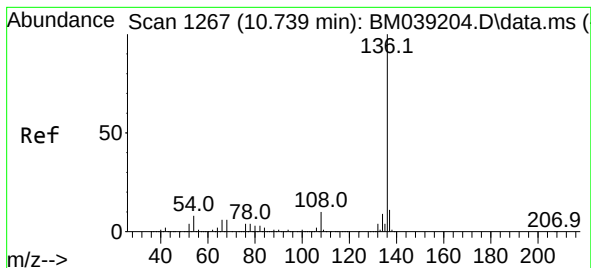
Tgt Ion: 70 Resp: 575394
Ion Ratio Lower Upper
70 100
42 54.1 42.2 63.2
101 9.4 7.6 11.4
130 20.1 16.6 25.0



#20
3+4-Methylphenols
Concen: 45.945 ng
RT: 8.710 min Scan# 922
Delta R.T. -0.000 min
Lab File: BM039214.D
Acq: 29 Mar 2023 20:55

Tgt Ion: 107 Resp: 850891
Ion Ratio Lower Upper
107 100
108 92.5 72.1 112.1
77 34.3 13.7 53.7
79 29.2 8.6 48.6



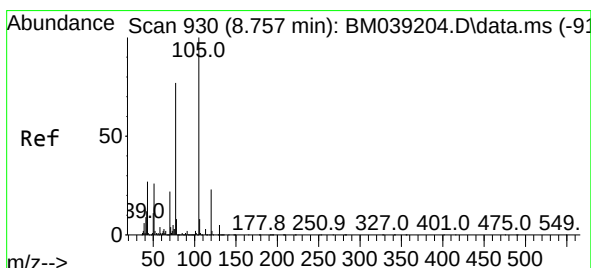
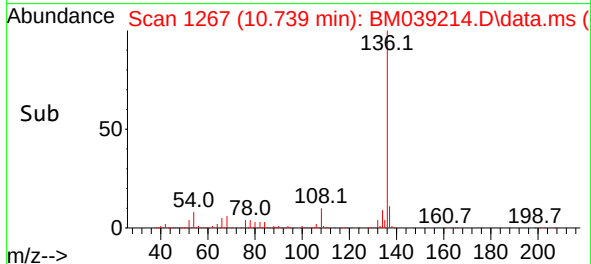
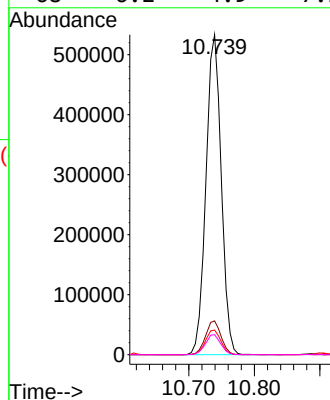
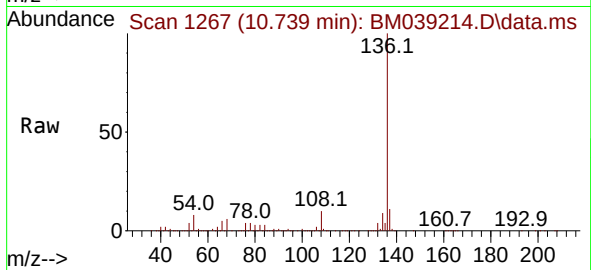


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.739 min Scan# 1267
Delta R.T. -0.000 min
Lab File: BM039214.D
Acq: 29 Mar 2023 20:55

Instrument :
BNA_M
ClientSampleId :
PB151658BS

Tgt Ion:136 Resp: 865680

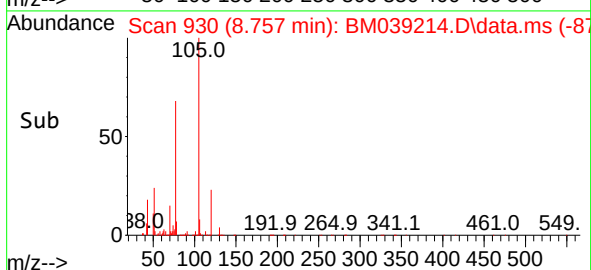
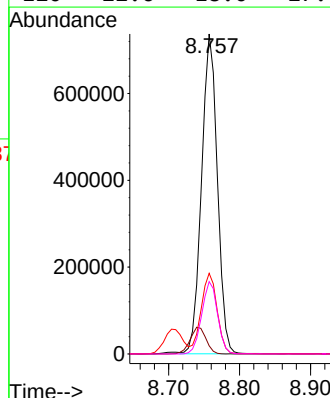
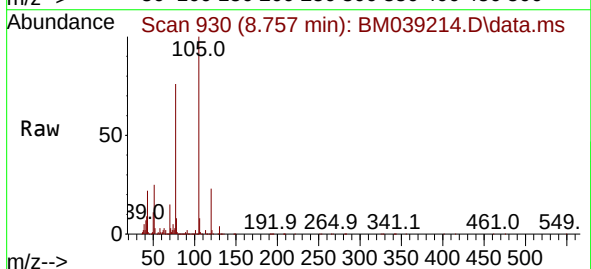
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	7.7	6.2	9.4
68	6.2	4.9	7.3

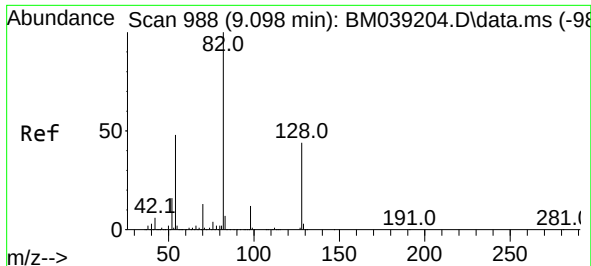


#22
Acetophenone
Concen: 49.284 ng
RT: 8.757 min Scan# 930
Delta R.T. -0.000 min
Lab File: BM039214.D
Acq: 29 Mar 2023 20:55

Tgt Ion:105 Resp: 1140731

Ion	Ratio	Lower	Upper
105	100		
71	2.5	2.8	4.2#
51	25.2	20.6	31.0
120	22.6	18.0	27.0

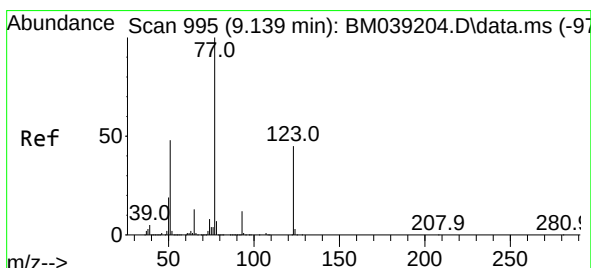
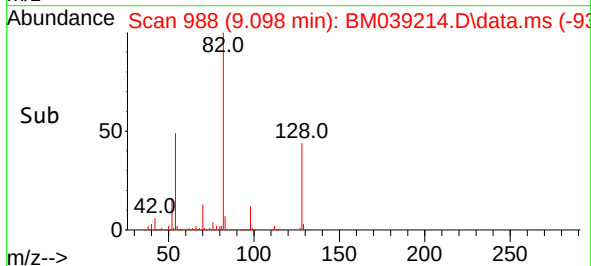
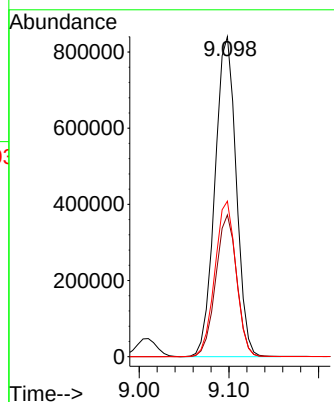
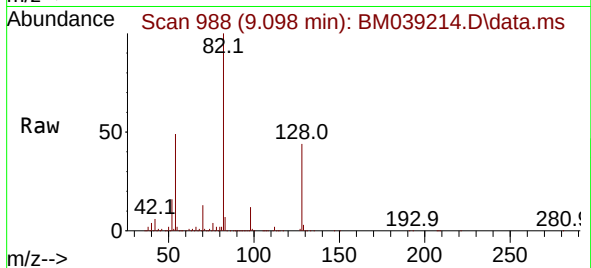




#23
Nitrobenzene-d5
Concen: 77.740 ng
RT: 9.098 min Scan# 911
Delta R.T. -0.000 min
Lab File: BM039214.D
Acq: 29 Mar 2023 20:55

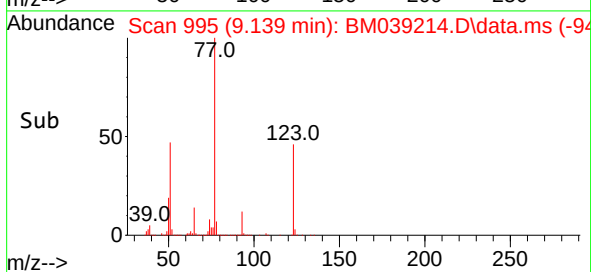
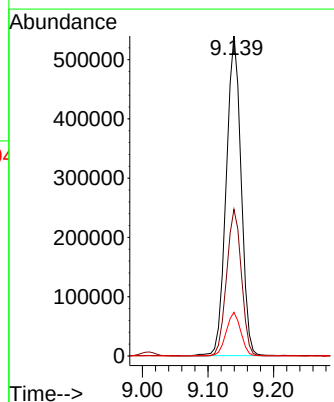
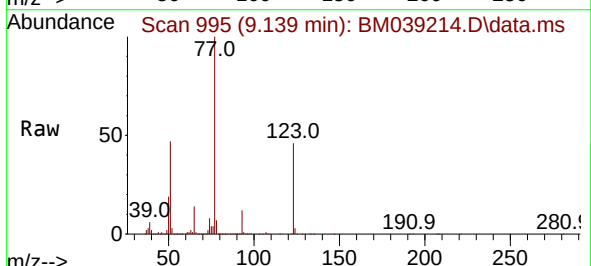
Instrument :
BNA_M
ClientSampleId :
PB151658BS

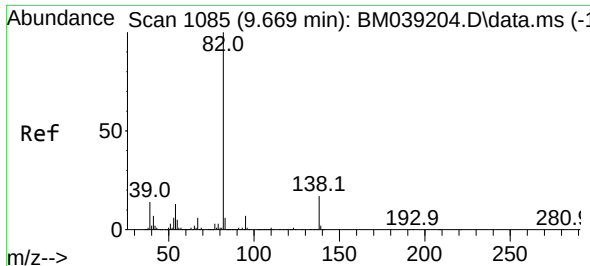
Tgt Ion: 82 Resp: 1384666
Ion Ratio Lower Upper
82 100
128 44.3 35.1 52.7
54 48.6 38.5 57.7



#24
Nitrobenzene
Concen: 47.827 ng
RT: 9.139 min Scan# 995
Delta R.T. -0.000 min
Lab File: BM039214.D
Acq: 29 Mar 2023 20:55

Tgt Ion: 77 Resp: 847316
Ion Ratio Lower Upper
77 100
123 45.9 36.2 54.2
65 13.6 10.6 15.8

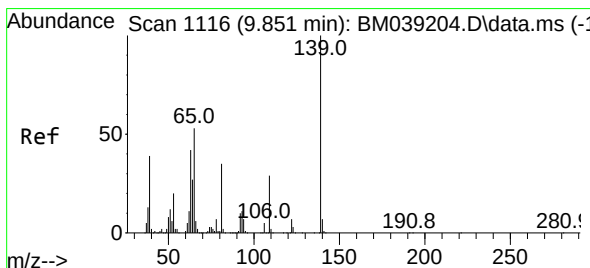
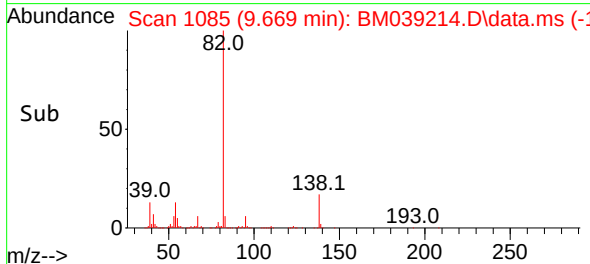
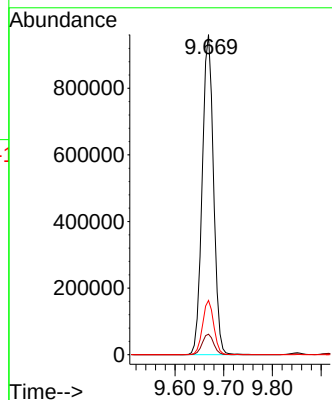
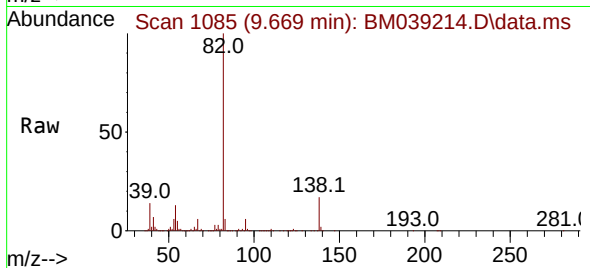




#25
Isophorone
Concen: 46.568 ng
RT: 9.669 min Scan# 1085
Delta R.T. -0.000 min
Lab File: BM039214.D
Acq: 29 Mar 2023 20:55

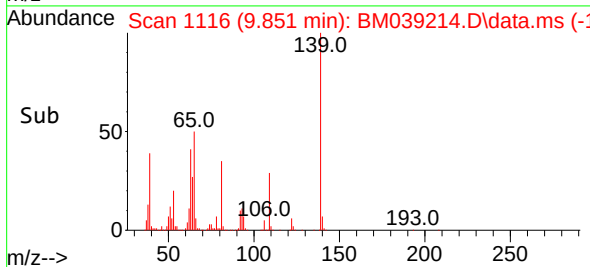
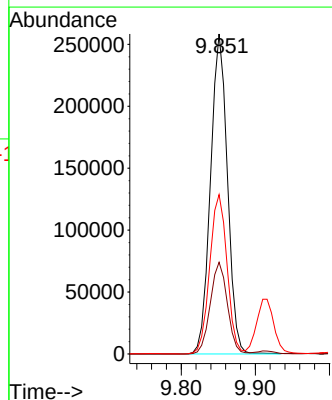
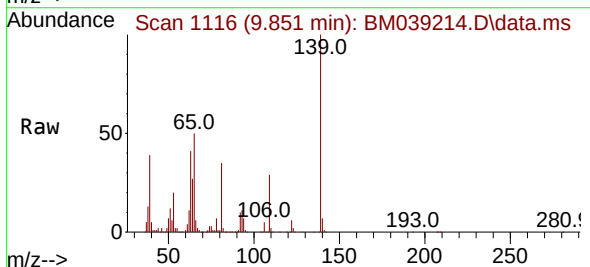
Instrument :
BNA_M
ClientSampleId :
PB151658BS

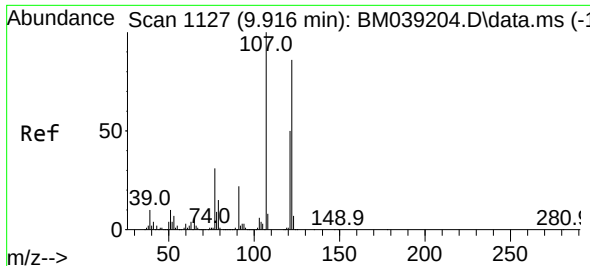
Tgt Ion: 82 Resp: 1547374
Ion Ratio Lower Upper
82 100
95 6.4 5.2 7.8
138 16.9 13.5 20.3



#26
2-Nitrophenol
Concen: 50.014 ng
RT: 9.851 min Scan# 1116
Delta R.T. -0.000 min
Lab File: BM039214.D
Acq: 29 Mar 2023 20:55

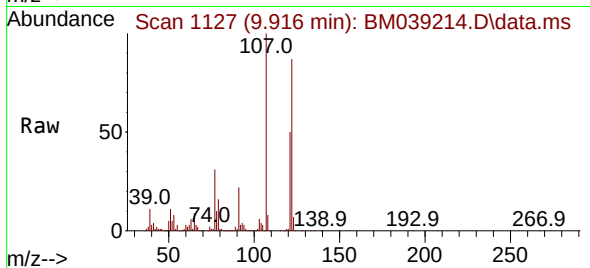
Tgt Ion:139 Resp: 409593
Ion Ratio Lower Upper
139 100
109 28.6 23.4 35.0
65 49.8 42.2 63.2



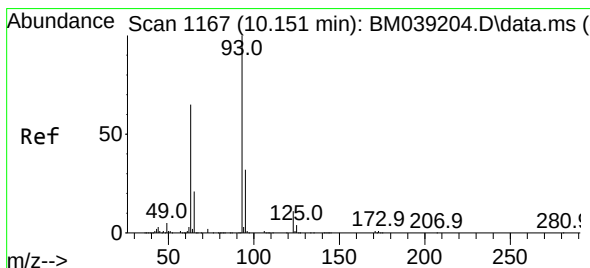
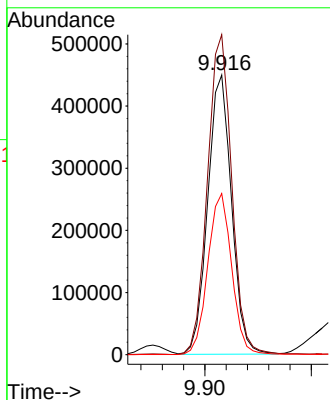
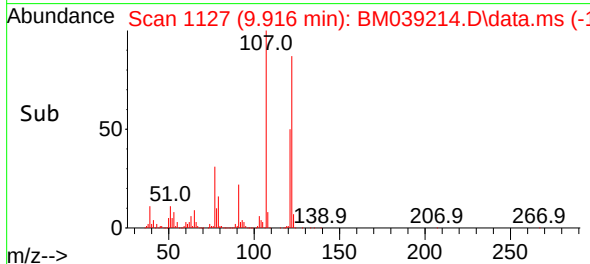


#27
2,4-Dimethylphenol
Concen: 51.388 ng
RT: 9.916 min Scan# 1127
Delta R.T. -0.000 min
Lab File: BM039214.D
Acq: 29 Mar 2023 20:55

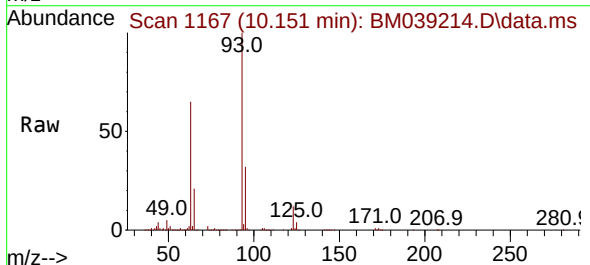
Instrument :
BNA_M
ClientSampleId :
PB151658BS



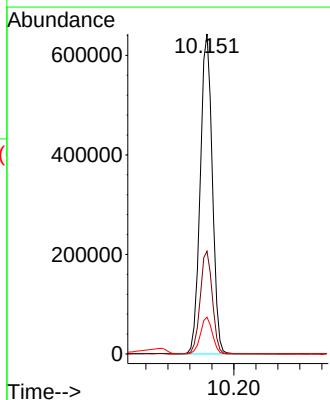
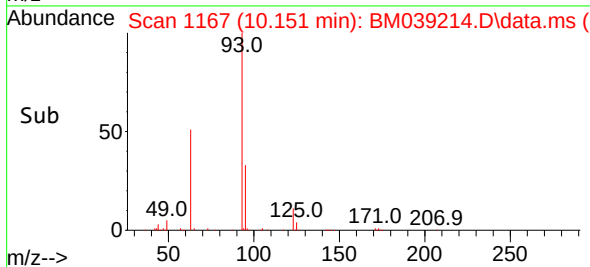
Tgt Ion:122 Resp: 699246
Ion Ratio Lower Upper
122 100
107 114.4 92.3 138.5
121 57.6 46.3 69.5

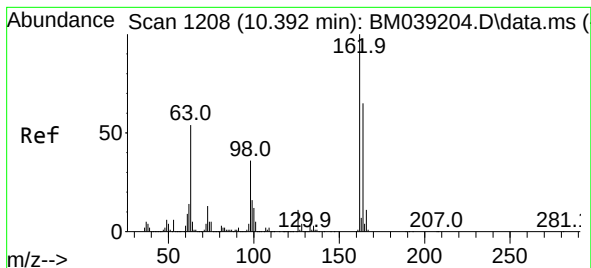


#28
bis(2-Chloroethoxy)methane
Concen: 48.619 ng
RT: 10.151 min Scan# 1167
Delta R.T. -0.000 min
Lab File: BM039214.D
Acq: 29 Mar 2023 20:55



Tgt Ion: 93 Resp: 977948
Ion Ratio Lower Upper
93 100
95 32.1 25.8 38.8
123 11.5 9.1 13.7

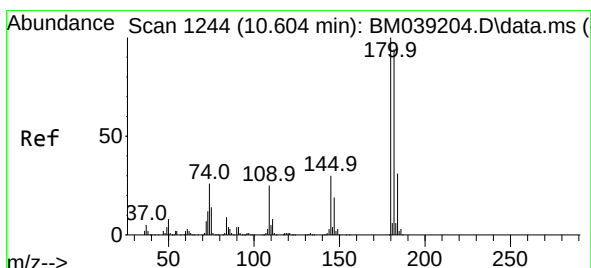
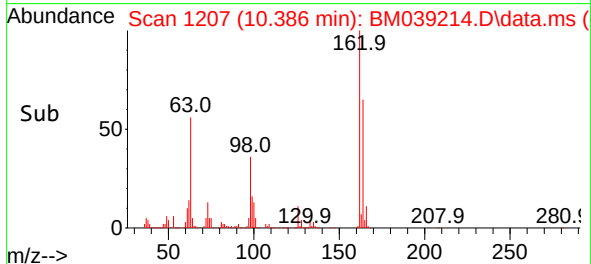
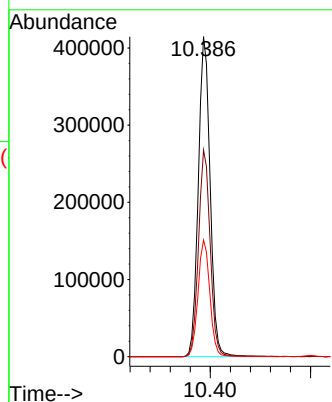
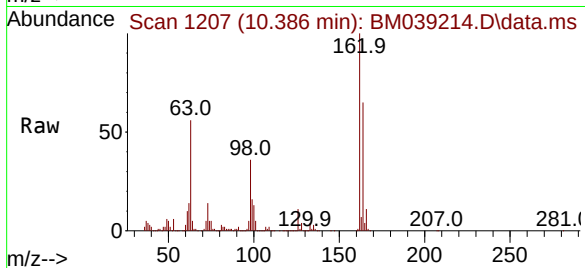




#29
2,4-Dichlorophenol
Concen: 51.029 ng
RT: 10.386 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM039214.D
Acq: 29 Mar 2023 20:55

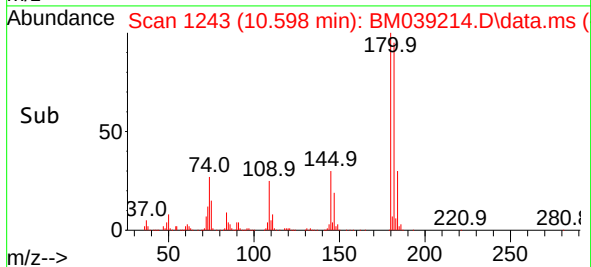
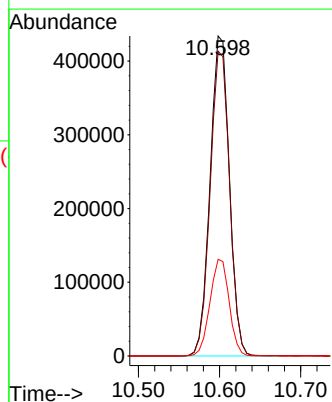
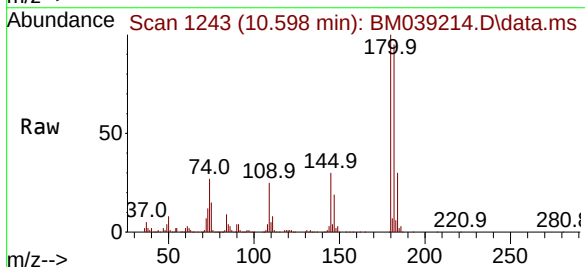
Instrument :
BNA_M
ClientSampleId :
PB151658BS

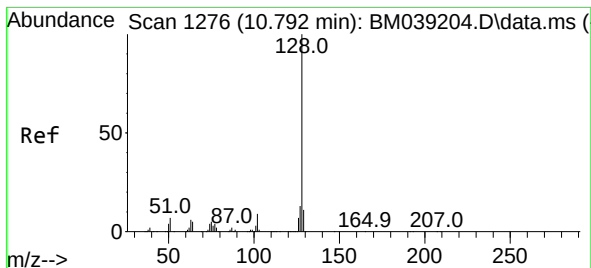
Tgt Ion:162 Resp: 677471
Ion Ratio Lower Upper
162 100
164 64.6 44.8 84.8
98 36.5 16.0 56.0



#30
1,2,4-Trichlorobenzene
Concen: 50.457 ng
RT: 10.598 min Scan# 1243
Delta R.T. -0.006 min
Lab File: BM039214.D
Acq: 29 Mar 2023 20:55

Tgt Ion:180 Resp: 716650
Ion Ratio Lower Upper
180 100
182 95.3 75.2 112.8
145 30.2 23.9 35.9

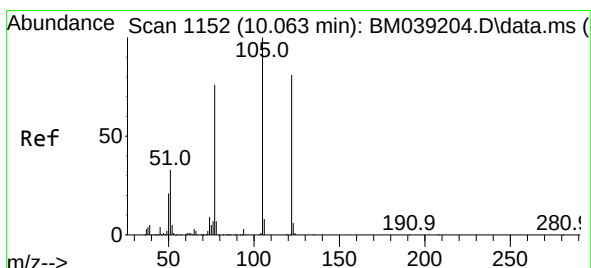
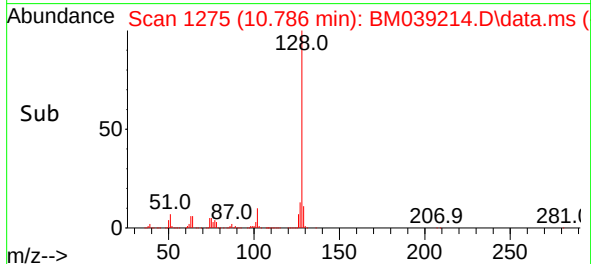
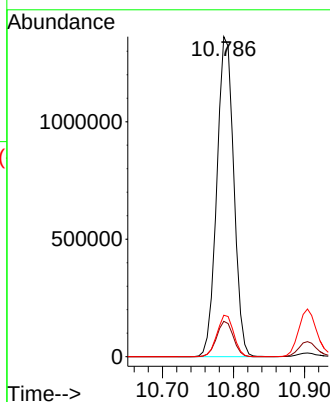
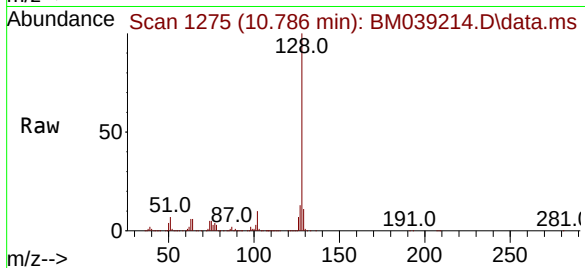




#31
Naphthalene
Concen: 48.122 ng
RT: 10.786 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM039214.D
Acq: 29 Mar 2023 20:55

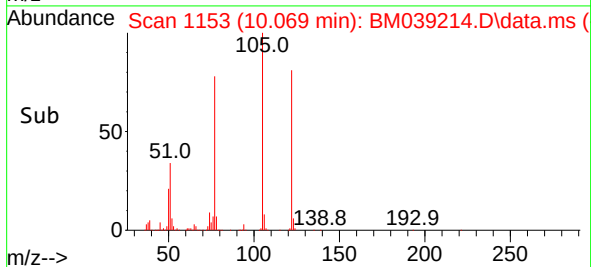
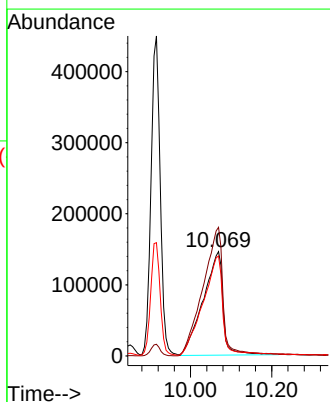
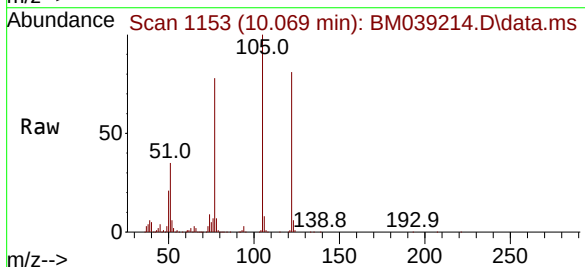
Instrument :
BNA_M
ClientSampleId :
PB151658BS

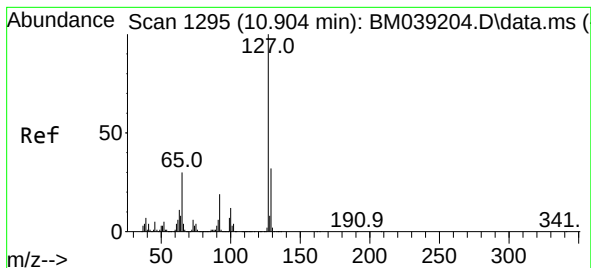
Tgt Ion:128 Resp: 2244689
Ion Ratio Lower Upper
128 100
129 11.0 8.6 13.0
127 13.0 10.3 15.5



#32
Benzoic acid
Concen: 46.755 ng
RT: 10.069 min Scan# 1153
Delta R.T. 0.006 min
Lab File: BM039214.D
Acq: 29 Mar 2023 20:55

Tgt Ion:122 Resp: 495860
Ion Ratio Lower Upper
122 100
105 123.3 103.1 143.1
77 95.9 74.6 114.6

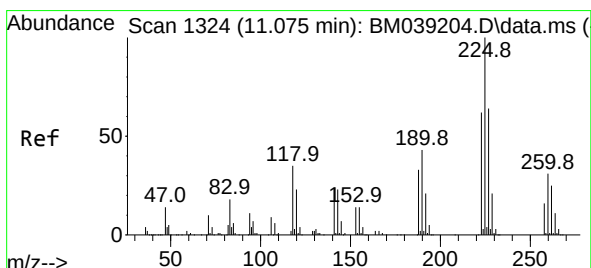
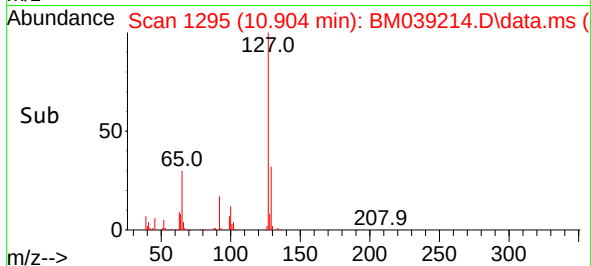
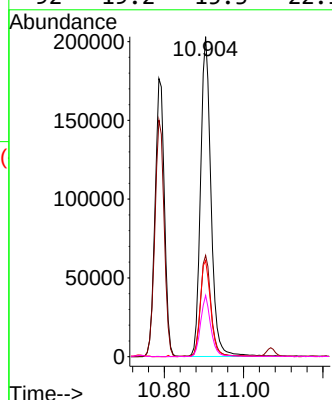
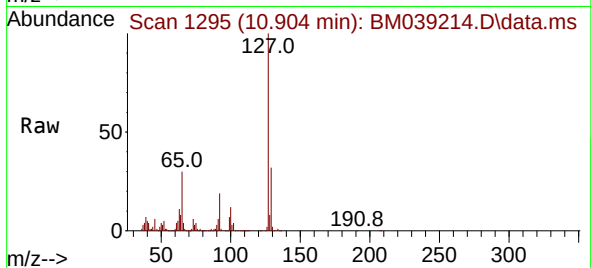




#33
4-Chloroaniline
Concen: 18.140 ng
RT: 10.904 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM039214.D
Acq: 29 Mar 2023 20:55

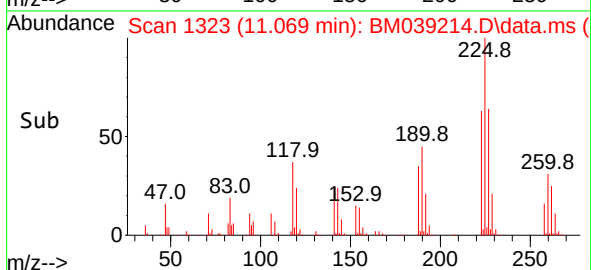
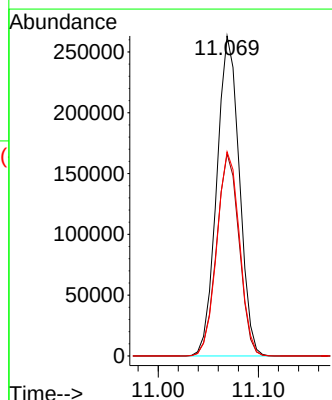
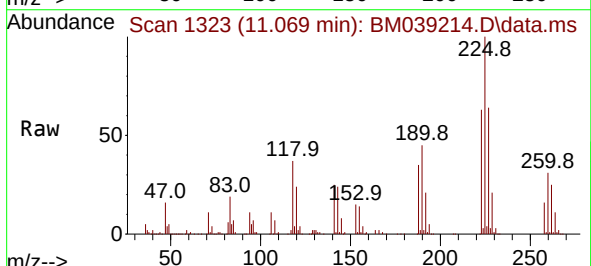
Instrument :
BNA_M
ClientSampleId :
PB151658BS

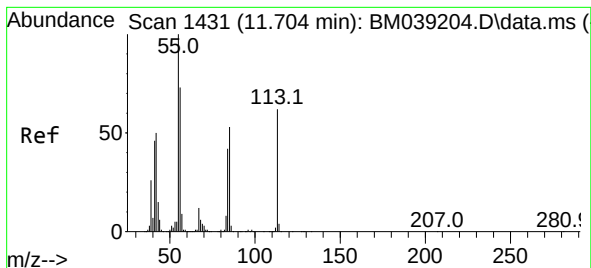
Tgt Ion:	127	Resp:	370706
Ion	Ratio	Lower	Upper
127	100		
129	31.7	25.7	38.5
65	30.0	24.1	36.1
92	19.2	15.3	22.9



#34
Hexachlorobutadiene
Concen: 49.307 ng
RT: 11.069 min Scan# 1323
Delta R.T. -0.006 min
Lab File: BM039214.D
Acq: 29 Mar 2023 20:55

Tgt Ion:	225	Resp:	411797
Ion	Ratio	Lower	Upper
225	100		
223	63.2	49.8	74.6
227	63.8	51.6	77.4

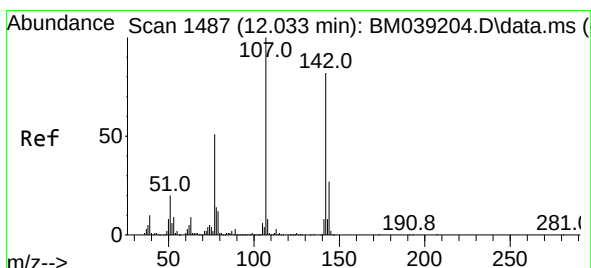
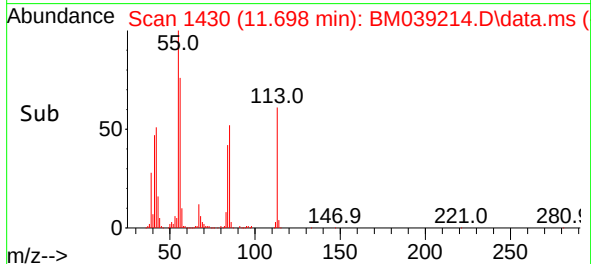
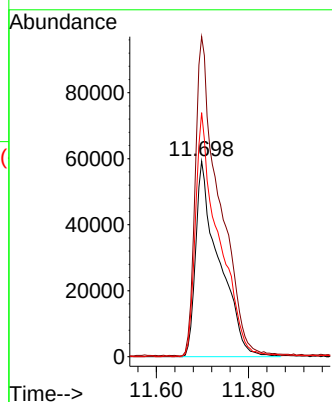
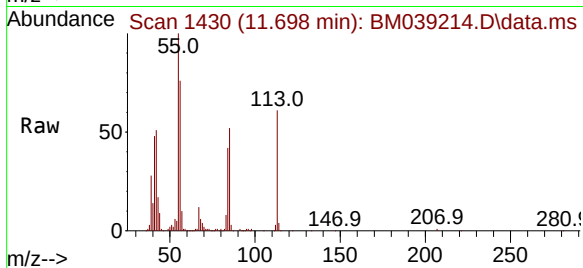




#35
Caprolactam
Concen: 44.916 ng
RT: 11.698 min Scan# 1431
Delta R.T. -0.006 min
Lab File: BM039214.D
Acq: 29 Mar 2023 20:55

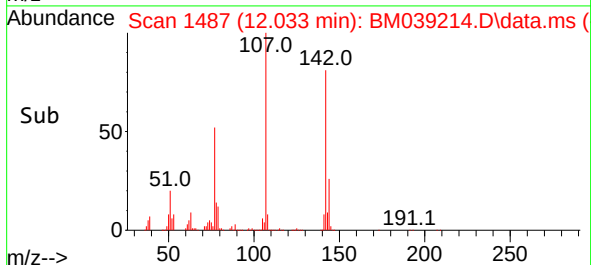
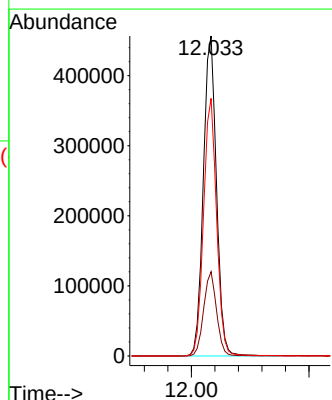
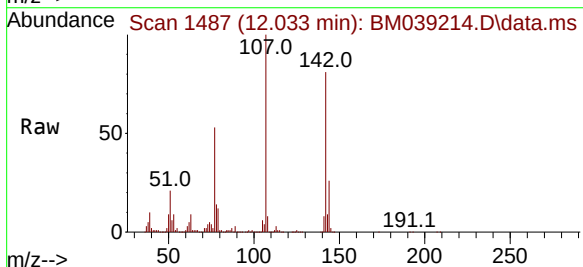
Instrument :
BNA_M
ClientSampleId :
PB151658BS

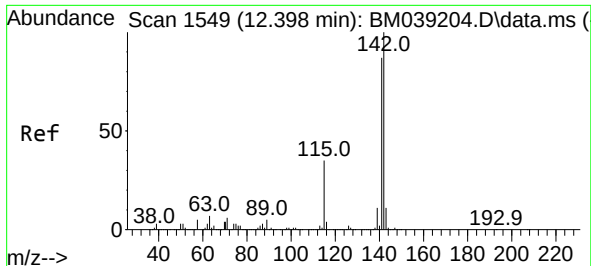
Tgt Ion:113 Resp: 207052
Ion Ratio Lower Upper
113 100
55 163.7 141.8 181.8
56 124.8 98.3 138.3



#36
4-Chloro-3-methylphenol
Concen: 48.215 ng
RT: 12.033 min Scan# 1487
Delta R.T. -0.000 min
Lab File: BM039214.D
Acq: 29 Mar 2023 20:55

Tgt Ion:107 Resp: 706250
Ion Ratio Lower Upper
107 100
144 26.3 21.4 32.2
142 80.5 65.2 97.8





#37

2-Methylnaphthalene

Concen: 45.651 ng

RT: 12.398 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM039214.D

Acq: 29 Mar 2023 20:55

Instrument :

BNA_M

ClientSampleId :

PB151658BS

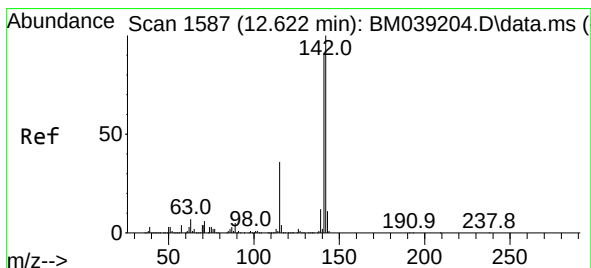
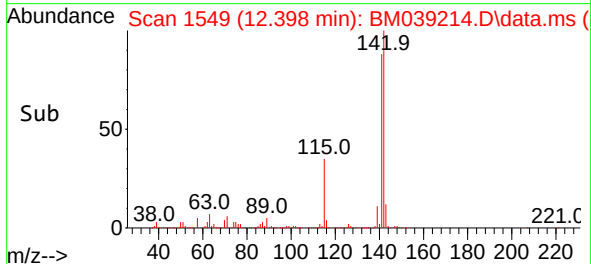
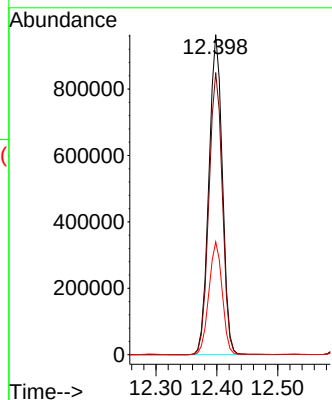
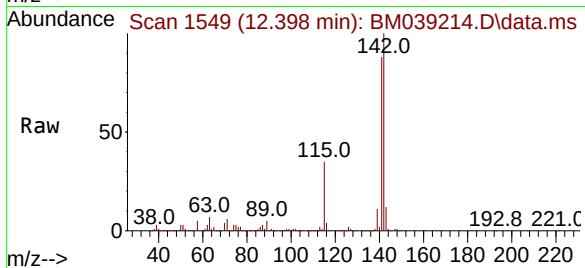
Tgt Ion:142 Resp: 1482403

Ion Ratio Lower Upper

142 100

141 88.2 69.8 104.8

115 35.3 27.8 41.8



#38

1-Methylnaphthalene

Concen: 45.647 ng

RT: 12.616 min Scan# 1586

Delta R.T. -0.006 min

Lab File: BM039214.D

Acq: 29 Mar 2023 20:55

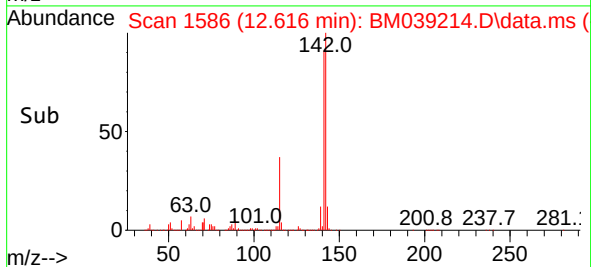
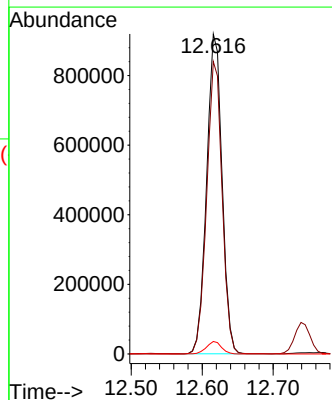
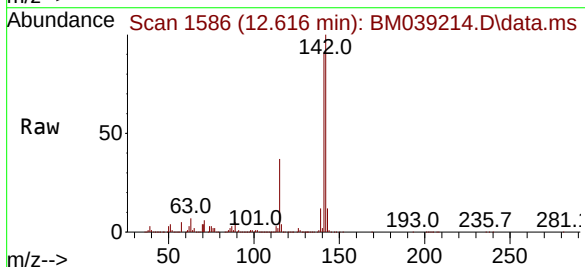
Tgt Ion:142 Resp: 1387926

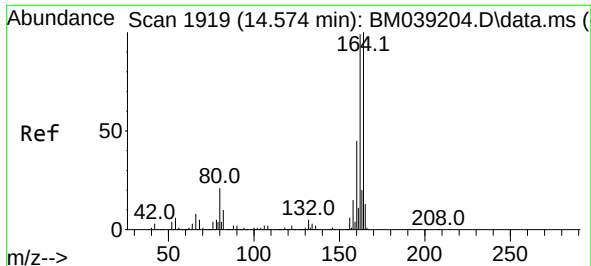
Ion Ratio Lower Upper

142 100

141 91.4 73.2 109.8

116 3.9 3.0 4.4

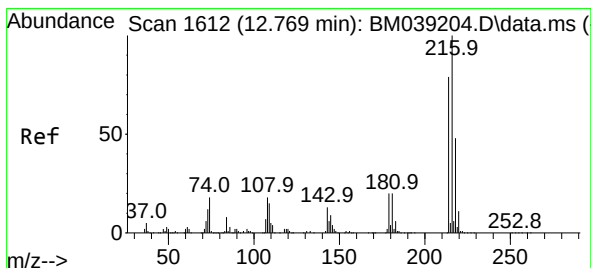
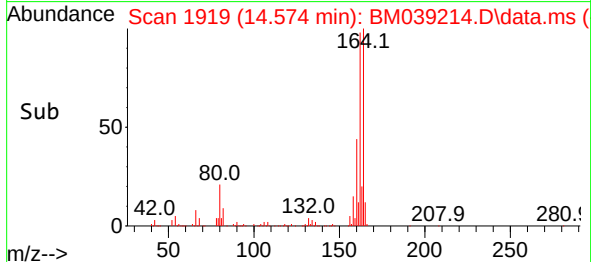
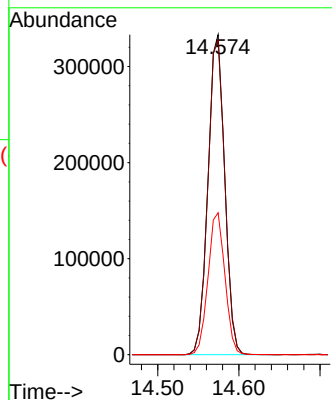
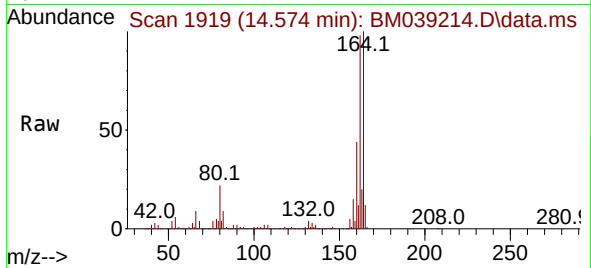




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.574 min Scan# 1919
Delta R.T. 0.000 min
Lab File: BM039214.D
Acq: 29 Mar 2023 20:55

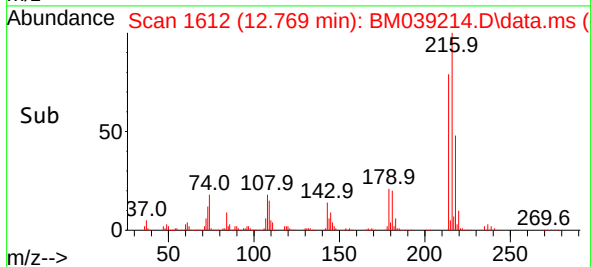
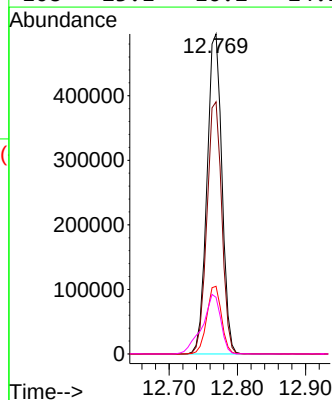
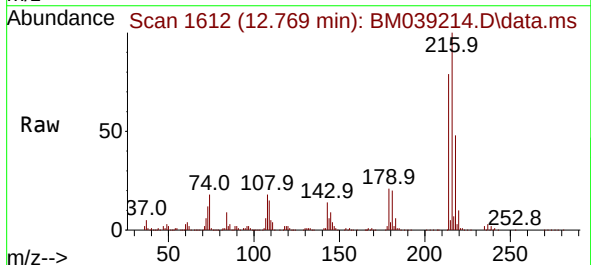
Instrument :
BNA_M
ClientSampleId :
PB151658BS

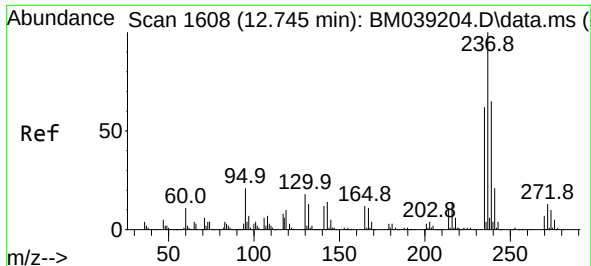
Tgt Ion:164 Resp: 475791
Ion Ratio Lower Upper
164 100
162 98.4 79.1 118.7
160 44.4 35.8 53.8



#40
1,2,4,5-Tetrachlorobenzene
Concen: 52.045 ng
RT: 12.769 min Scan# 1612
Delta R.T. -0.000 min
Lab File: BM039214.D
Acq: 29 Mar 2023 20:55

Tgt Ion:216 Resp: 753937
Ion Ratio Lower Upper
216 100
214 78.6 62.8 94.2
179 20.9 16.8 25.2
108 23.1 16.2 24.2

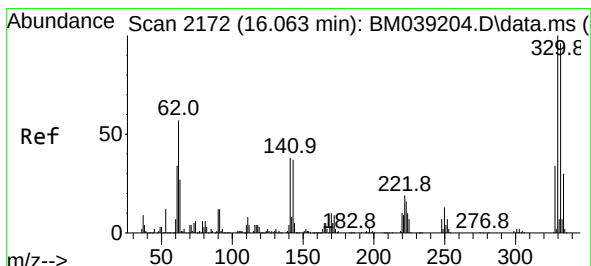
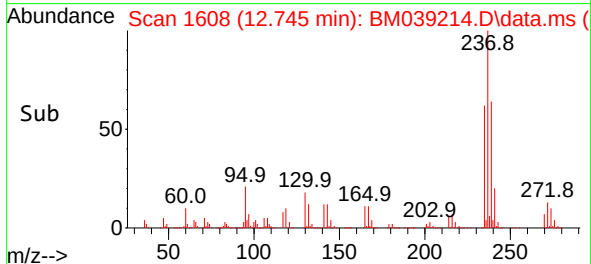
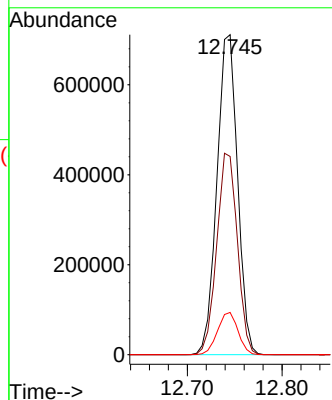
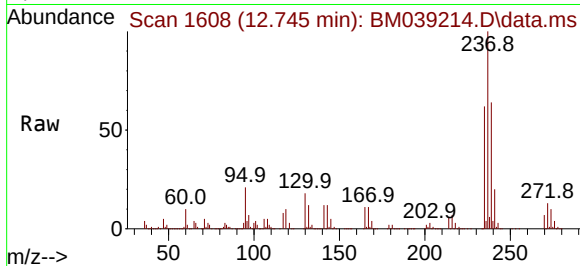




#41
Hexachlorocyclopentadiene
Concen: 136.010 ng
RT: 12.745 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM039214.D
Acq: 29 Mar 2023 20:55

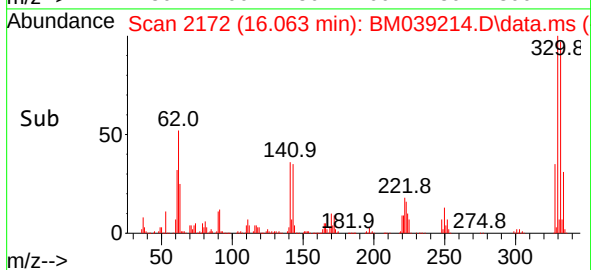
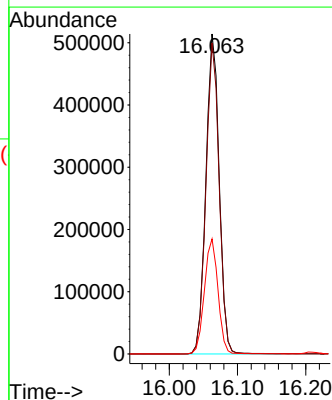
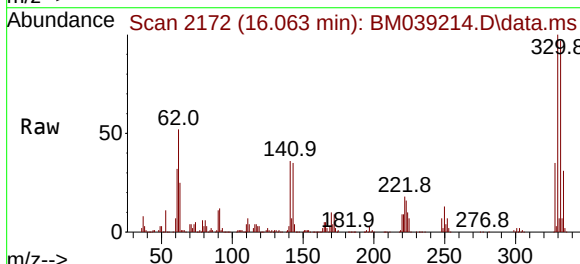
Instrument :
BNA_M
ClientSampleId :
PB151658BS

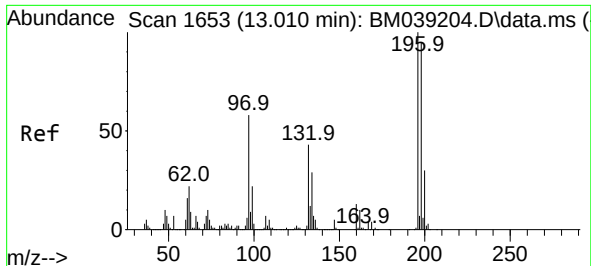
Tgt Ion:237 Resp: 1076376
Ion Ratio Lower Upper
237 100
235 62.0 41.6 81.6
272 13.2 0.0 33.2



#42
2,4,6-Tribromophenol
Concen: 115.650 ng
RT: 16.063 min Scan# 2172
Delta R.T. -0.000 min
Lab File: BM039214.D
Acq: 29 Mar 2023 20:55

Tgt Ion:330 Resp: 698490
Ion Ratio Lower Upper
330 100
332 96.3 77.4 116.0
141 36.8 29.8 44.6





#43

2,4,6-Trichlorophenol

Concen: 50.781 ng

RT: 13.010 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM039214.D

Acq: 29 Mar 2023 20:55

Instrument :

BNA_M

ClientSampleId :

PB151658BS

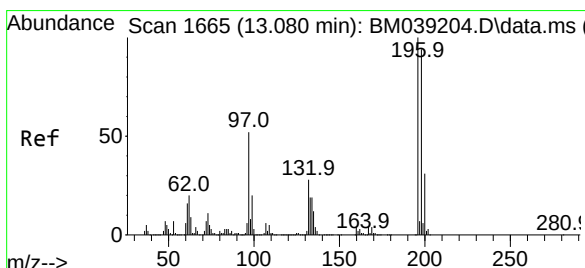
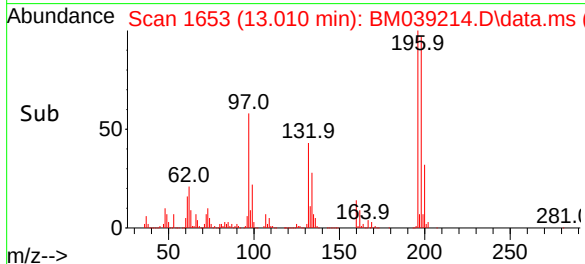
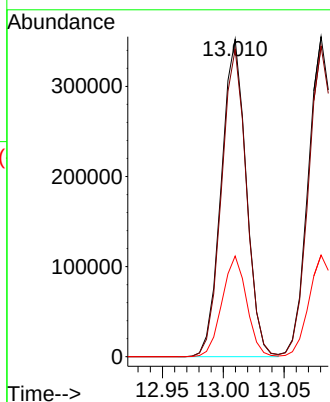
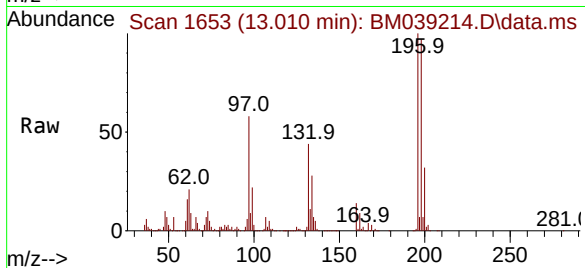
Tgt Ion:196 Resp: 501683

Ion Ratio Lower Upper

196 100

198 96.9 76.2 114.2

200 31.7 24.2 36.2



#44

2,4,5-Trichlorophenol

Concen: 46.396 ng

RT: 13.080 min Scan# 1665

Delta R.T. -0.000 min

Lab File: BM039214.D

Acq: 29 Mar 2023 20:55

Tgt Ion:196 Resp: 537341

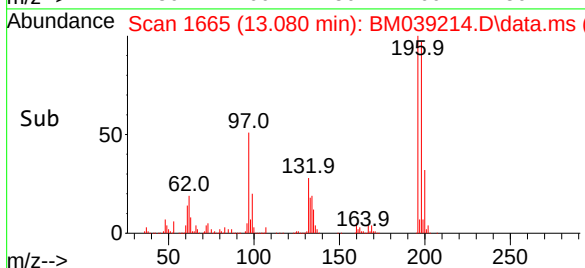
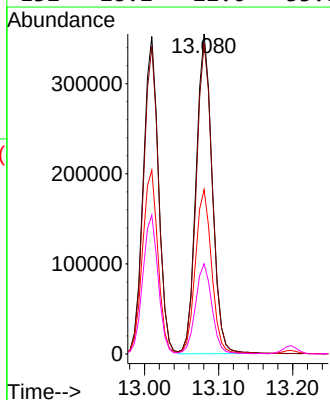
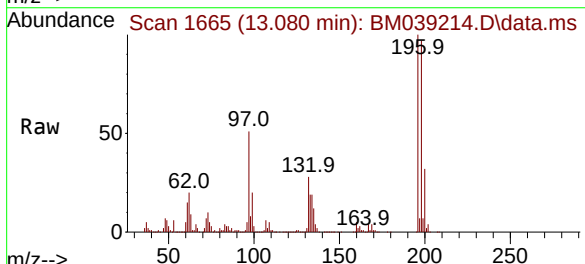
Ion Ratio Lower Upper

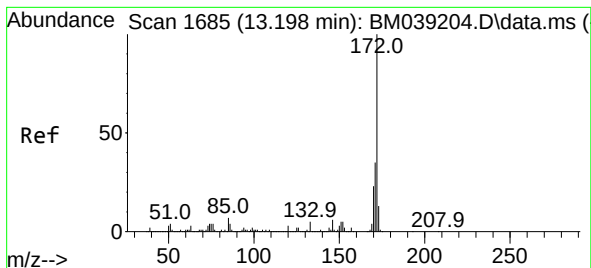
196 100

198 97.0 75.2 112.8

97 51.4 41.4 62.0

132 28.2 22.6 33.8





#45

2-Fluorobiphenyl

Concen: 80.033 ng

RT: 13.198 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM039214.D

Acq: 29 Mar 2023 20:55

Instrument :

BNA_M

ClientSampleId :

PB151658BS

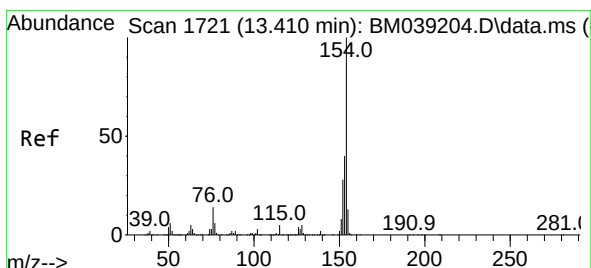
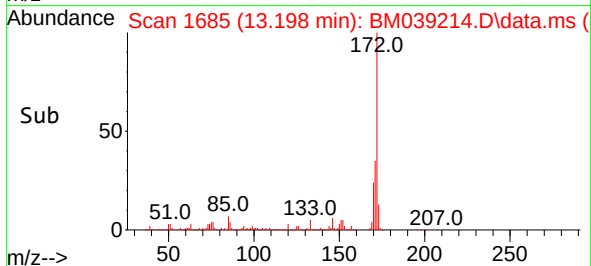
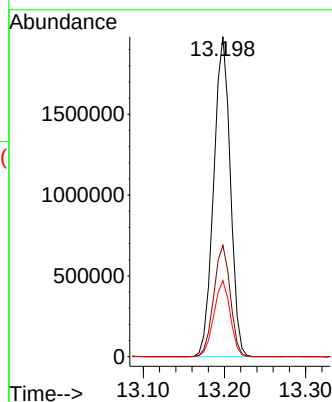
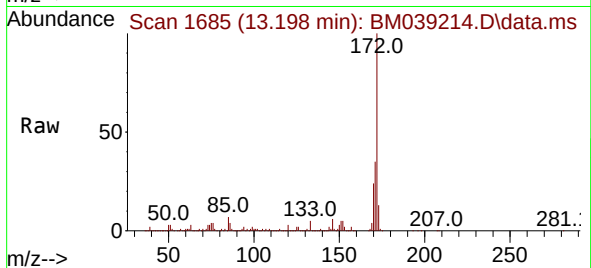
Tgt Ion:172 Resp: 2810441

Ion Ratio Lower Upper

172 100

171 34.8 28.0 42.0

170 23.8 18.7 28.1



#46

1,1'-Biphenyl

Concen: 51.042 ng

RT: 13.410 min Scan# 1721

Delta R.T. -0.000 min

Lab File: BM039214.D

Acq: 29 Mar 2023 20:55

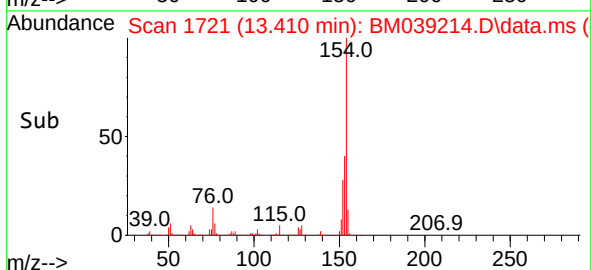
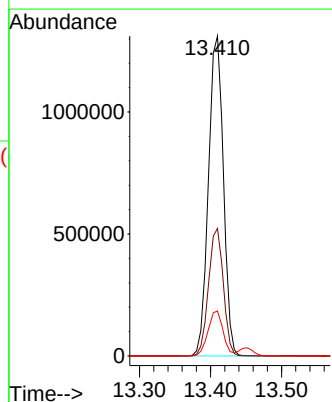
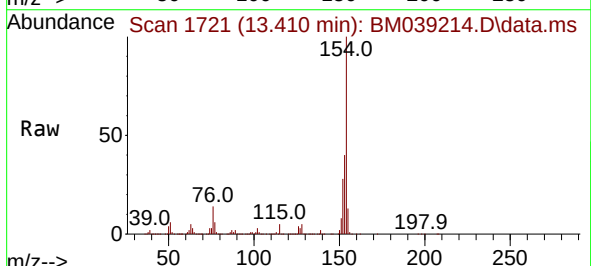
Tgt Ion:154 Resp: 1917742

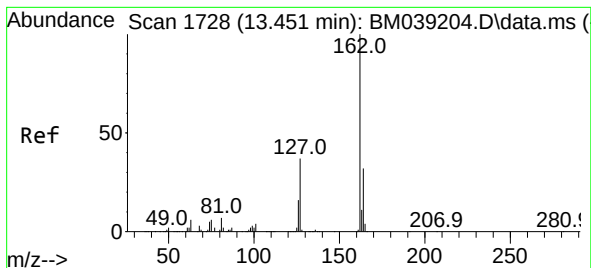
Ion Ratio Lower Upper

154 100

153 39.8 19.9 59.9

76 14.1 0.0 33.5

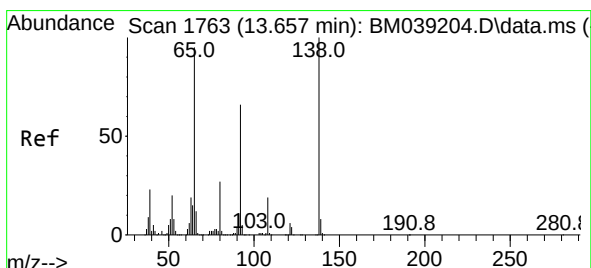
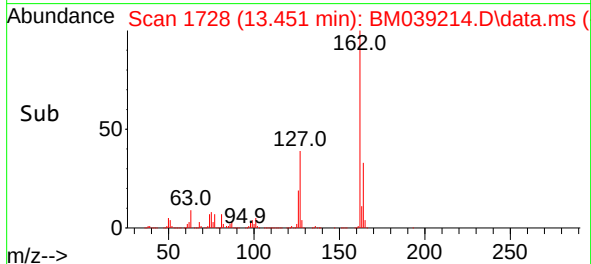
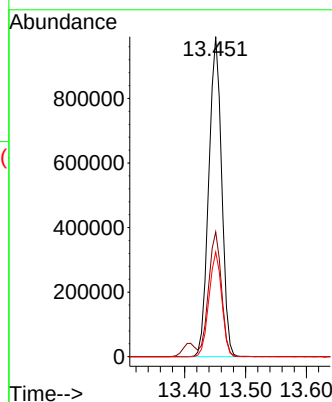
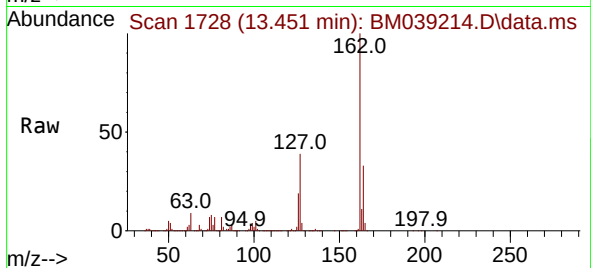




#47
2-Chloronaphthalene
Concen: 51.270 ng
RT: 13.451 min Scan# 1728
Delta R.T. -0.000 min
Lab File: BM039214.D
Acq: 29 Mar 2023 20:55

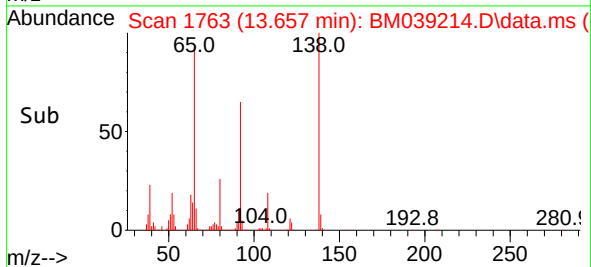
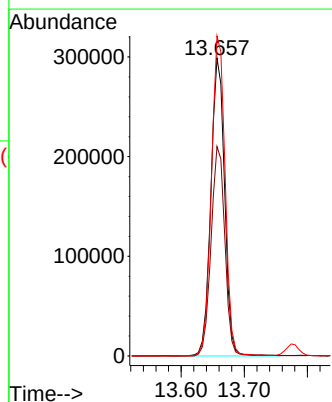
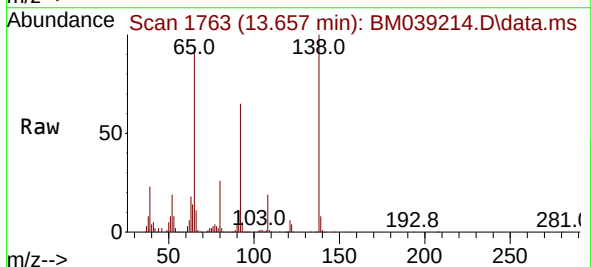
Instrument :
BNA_M
ClientSampleId :
PB151658BS

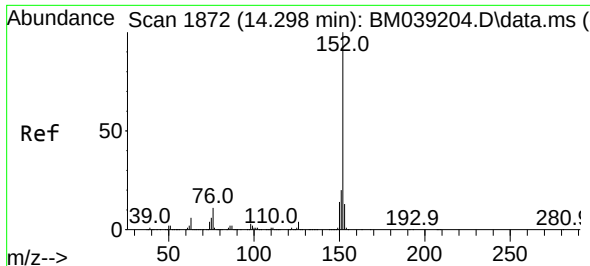
Tgt Ion:162 Resp: 1458559
Ion Ratio Lower Upper
162 100
127 39.0 31.4 47.0
164 32.7 25.7 38.5



#48
2-Nitroaniline
Concen: 47.202 ng
RT: 13.657 min Scan# 1763
Delta R.T. -0.000 min
Lab File: BM039214.D
Acq: 29 Mar 2023 20:55

Tgt Ion: 65 Resp: 451888
Ion Ratio Lower Upper
65 100
92 70.3 55.7 83.5
138 107.4 84.5 126.7

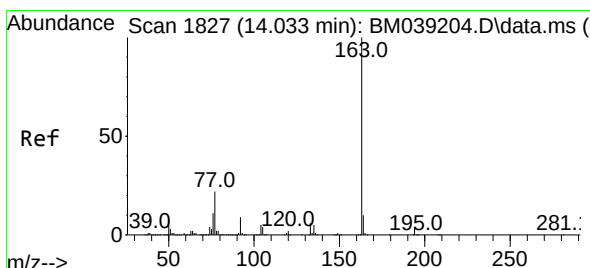
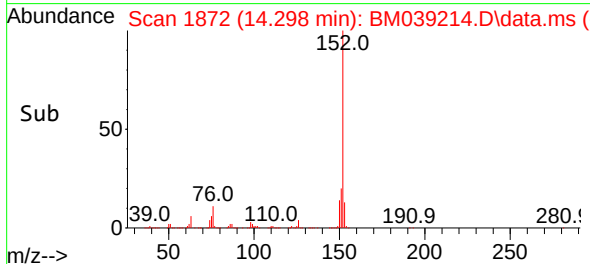
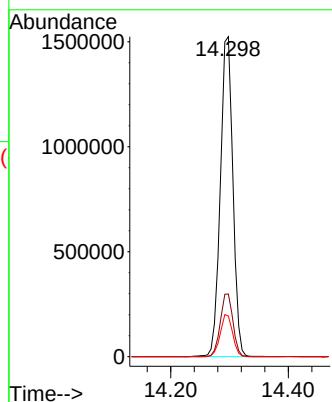
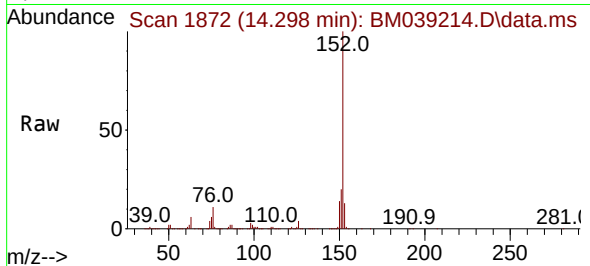




#49
Acenaphthylene
Concen: 48.411 ng
RT: 14.298 min Scan# 1872
Delta R.T. -0.000 min
Lab File: BM039214.D
Acq: 29 Mar 2023 20:55

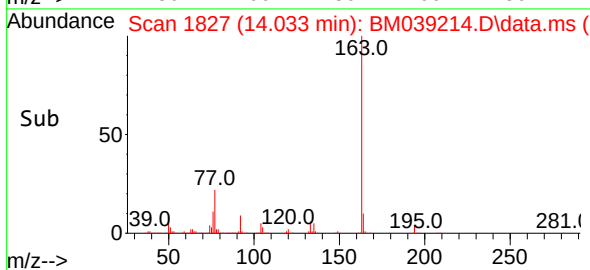
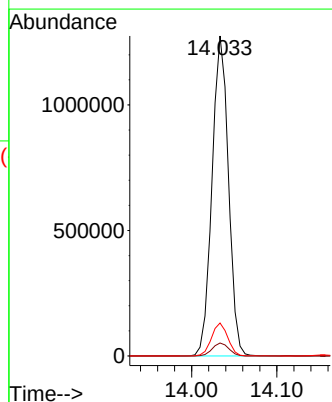
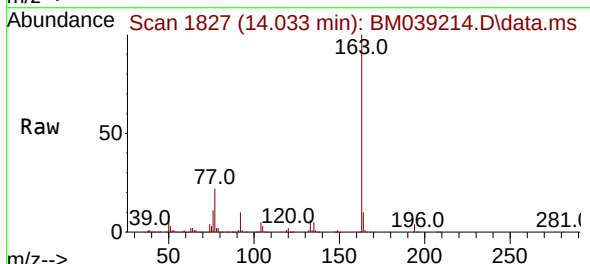
Instrument :
BNA_M
ClientSampleId :
PB151658BS

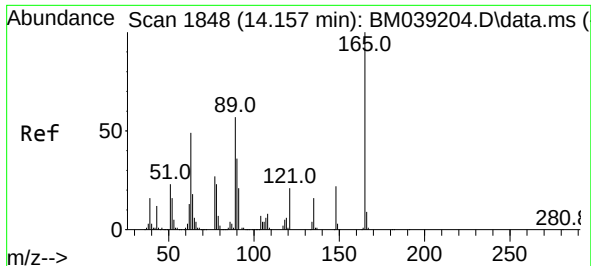
Tgt Ion:152 Resp: 2263540
Ion Ratio Lower Upper
152 100
151 19.6 15.7 23.5
153 12.7 10.3 15.5



#50
Dimethylphthalate
Concen: 46.497 ng
RT: 14.033 min Scan# 1827
Delta R.T. -0.000 min
Lab File: BM039214.D
Acq: 29 Mar 2023 20:55

Tgt Ion:163 Resp: 1704939
Ion Ratio Lower Upper
163 100
194 4.0 3.1 4.7
164 10.3 8.2 12.2





#51

2,6-Dinitrotoluene

Concen: 47.665 ng

RT: 14.157 min Scan# 1848

Delta R.T. -0.000 min

Lab File: BM039214.D

Acq: 29 Mar 2023 20:55

Instrument :

BNA_M

ClientSampleId :

PB151658BS

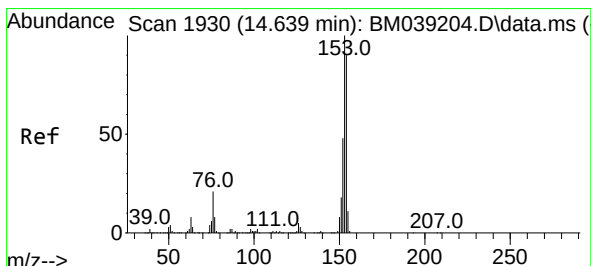
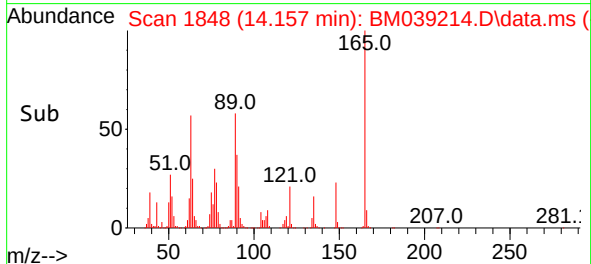
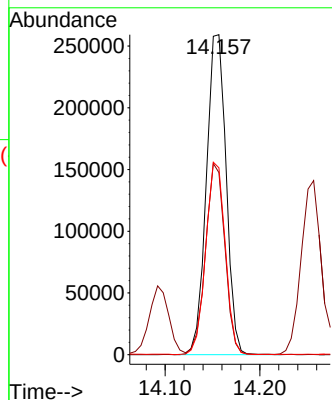
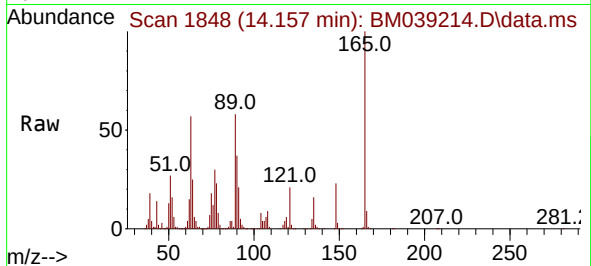
Tgt Ion:165 Resp: 375853

Ion Ratio Lower Upper

165 100

63 56.9 44.9 67.3

89 58.4 45.4 68.0



#52

Acenaphthene

Concen: 48.771 ng

RT: 14.639 min Scan# 1930

Delta R.T. -0.000 min

Lab File: BM039214.D

Acq: 29 Mar 2023 20:55

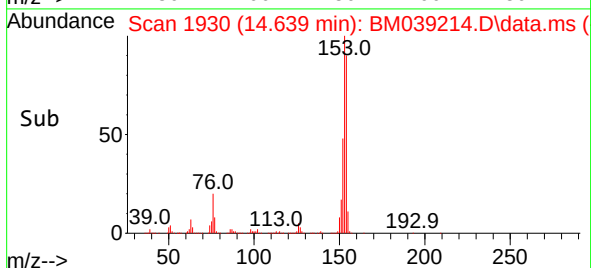
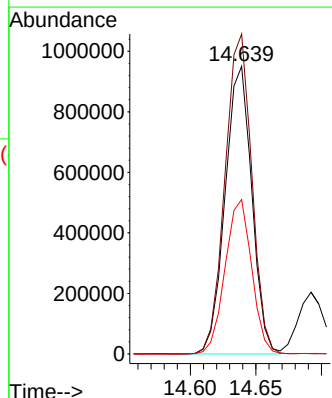
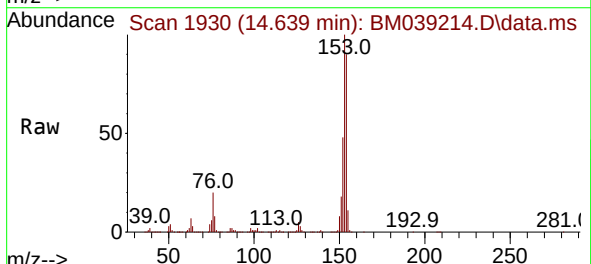
Tgt Ion:154 Resp: 1346514

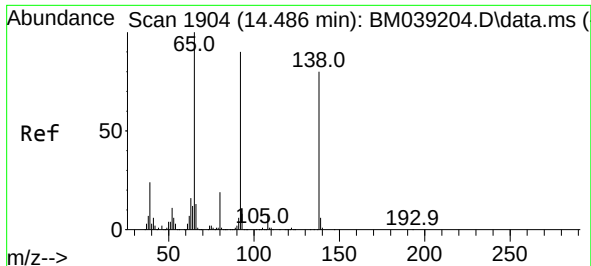
Ion Ratio Lower Upper

154 100

153 111.3 89.1 133.7

152 53.7 42.6 64.0

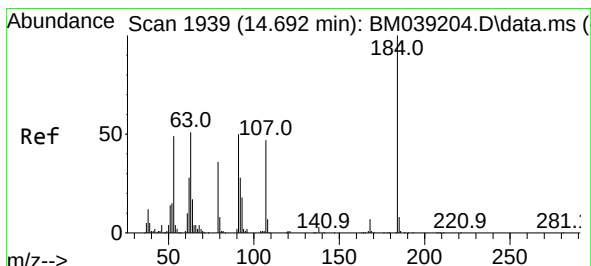
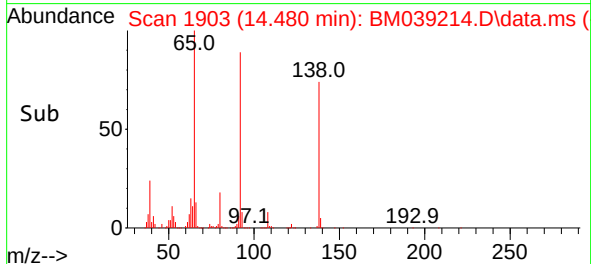
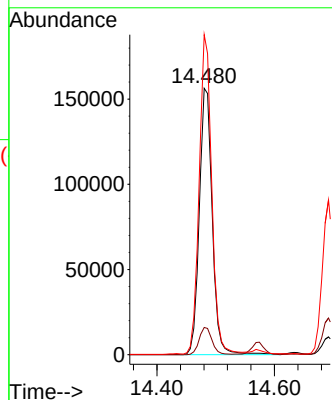
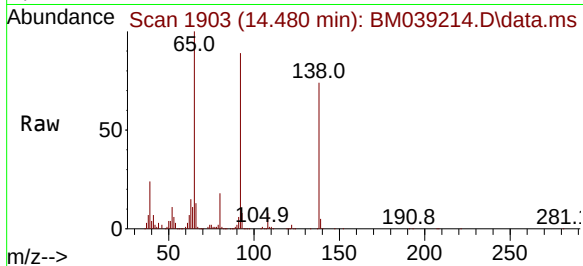




#53
3-Nitroaniline
Concen: 26.274 ng
RT: 14.480 min Scan# 1904
Delta R.T. -0.006 min
Lab File: BM039214.D
Acq: 29 Mar 2023 20:55

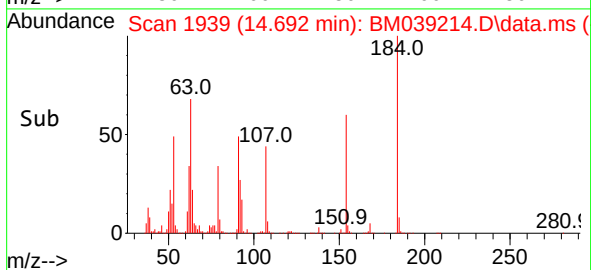
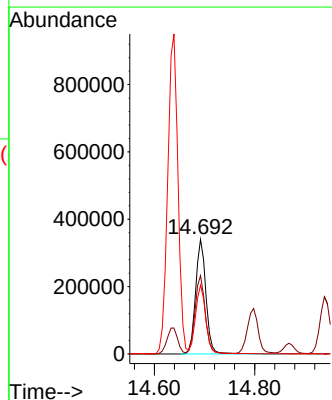
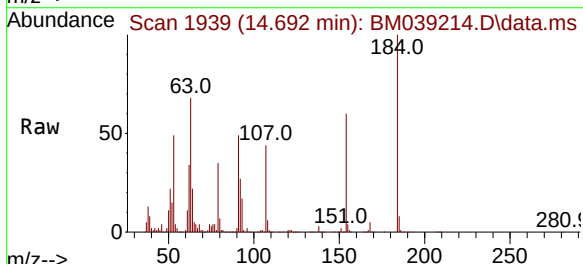
Instrument :
BNA_M
ClientSampleId :
PB151658BS

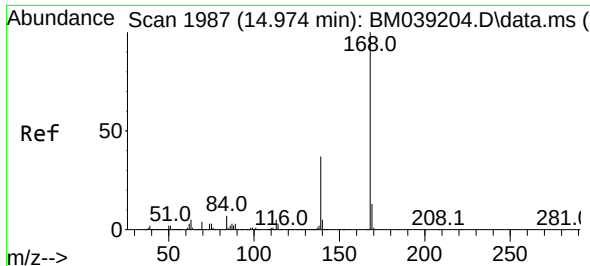
Tgt Ion:138 Resp: 239509
Ion Ratio Lower Upper
138 100
108 10.2 8.0 12.0
92 120.1 90.8 136.2



#54
2,4-Dinitrophenol
Concen: 104.000 ng
RT: 14.692 min Scan# 1939
Delta R.T. 0.000 min
Lab File: BM039214.D
Acq: 29 Mar 2023 20:55

Tgt Ion:184 Resp: 485651
Ion Ratio Lower Upper
184 100
63 68.3 56.4 84.6
154 60.0 48.7 73.1

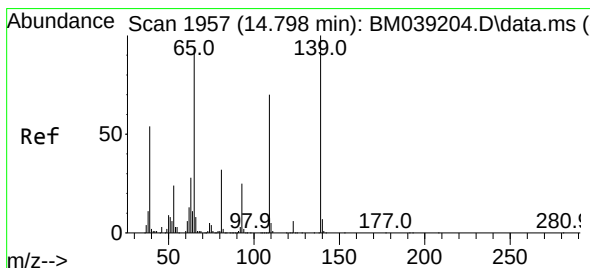
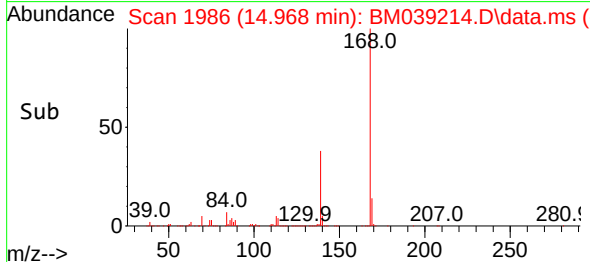
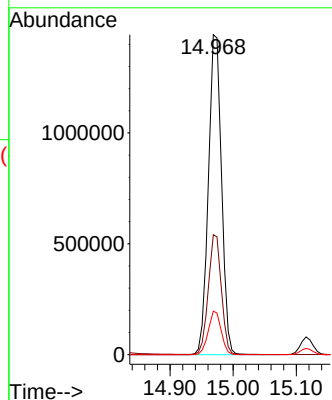
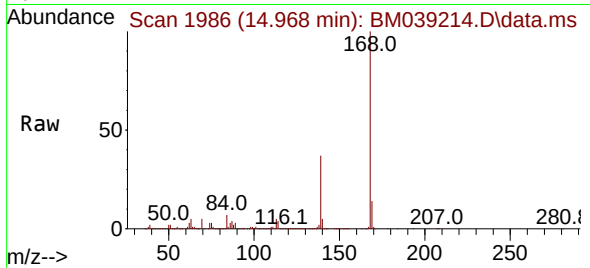




#55
Dibenzenofuran
Concen: 46.980 ng
RT: 14.968 min Scan# 1986
Delta R.T. -0.006 min
Lab File: BM039214.D
Acq: 29 Mar 2023 20:55

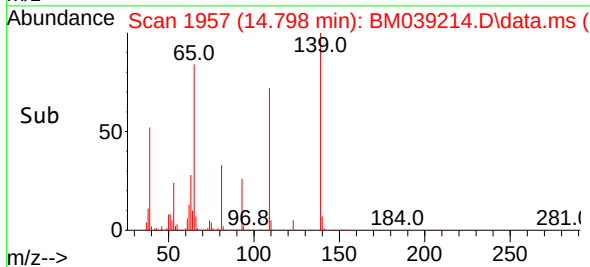
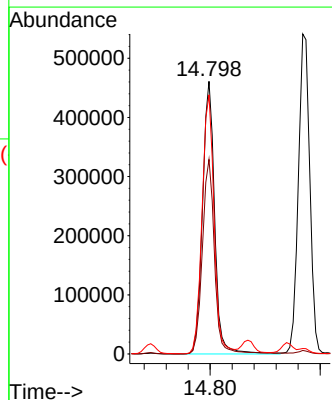
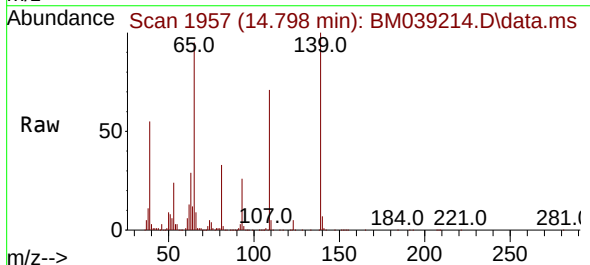
Instrument :
BNA_M
ClientSampleId :
PB151658BS

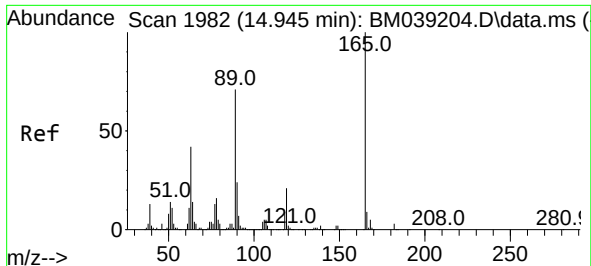
Tgt Ion:168 Resp: 2088225
Ion Ratio Lower Upper
168 100
139 37.5 29.4 44.2
169 13.6 10.6 15.8



#56
4-Nitrophenol
Concen: 100.189 ng
RT: 14.798 min Scan# 1957
Delta R.T. -0.000 min
Lab File: BM039214.D
Acq: 29 Mar 2023 20:55

Tgt Ion:139 Resp: 704264
Ion Ratio Lower Upper
139 100
109 71.3 49.6 89.6
65 95.0 72.9 112.9

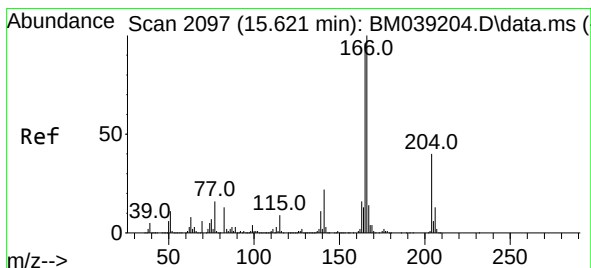
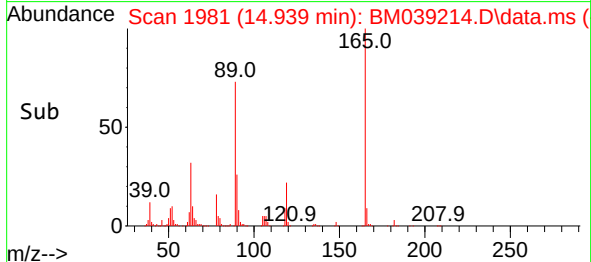
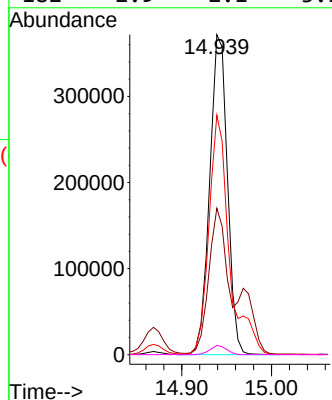
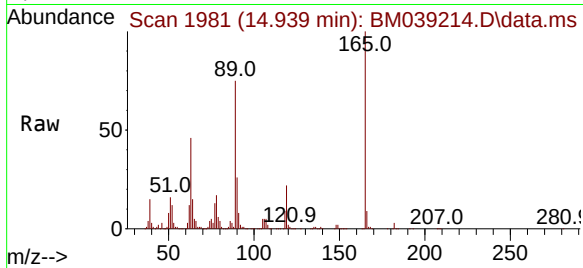




#57
2,4-Dinitrotoluene
Concen: 47.855 ng
RT: 14.939 min Scan# 1981
Delta R.T. -0.006 min
Lab File: BM039214.D
Acq: 29 Mar 2023 20:55

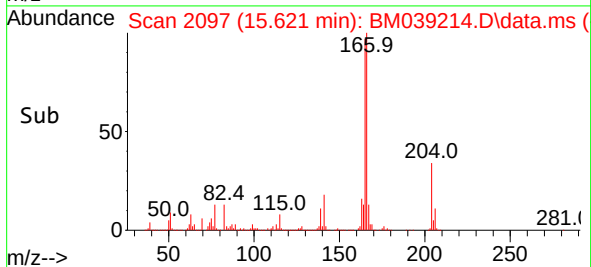
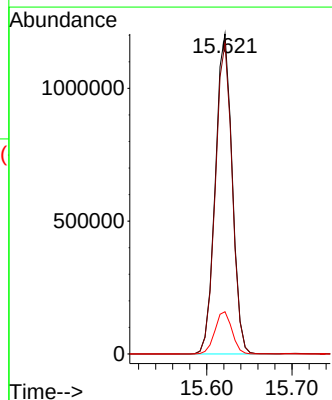
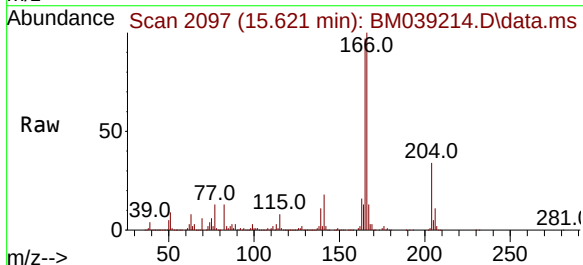
Instrument :
BNA_M
ClientSampleId :
PB151658BS

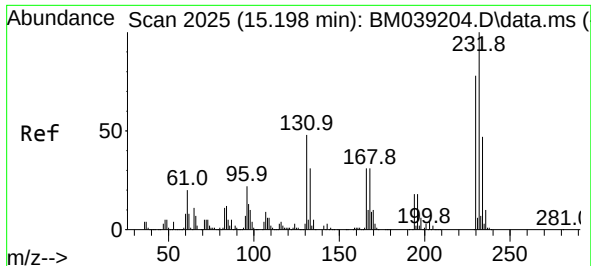
Tgt Ion:165 Resp: 510461
Ion Ratio Lower Upper
165 100
63 45.7 33.5 50.3
89 74.8 56.7 85.1
182 2.9 2.1 3.1



#58
Fluorene
Concen: 46.993 ng
RT: 15.621 min Scan# 2097
Delta R.T. -0.000 min
Lab File: BM039214.D
Acq: 29 Mar 2023 20:55

Tgt Ion:166 Resp: 1654030
Ion Ratio Lower Upper
166 100
165 97.1 76.9 115.3
167 13.2 10.8 16.2

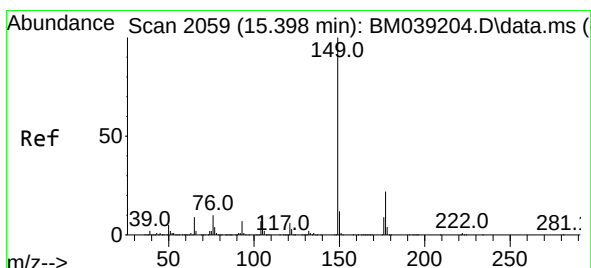
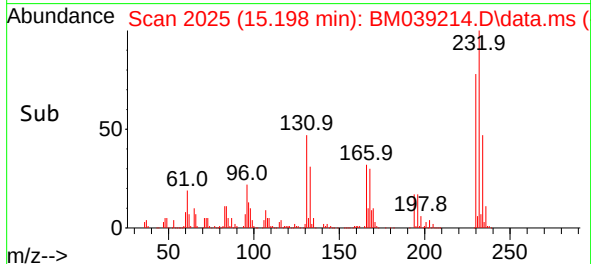
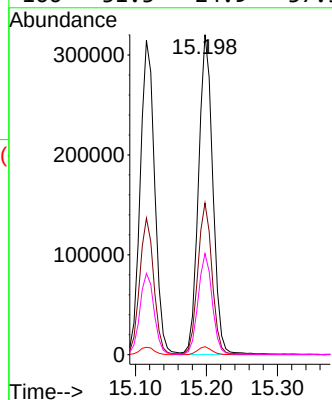
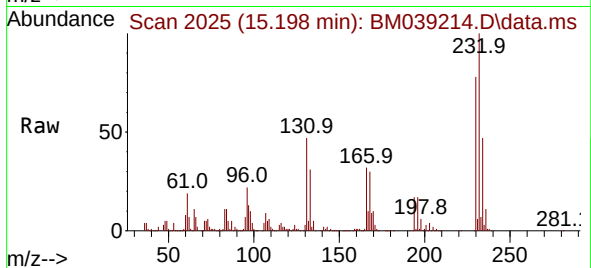




#59
2,3,4,6-Tetrachlorophenol
Concen: 48.617 ng
RT: 15.198 min Scan# 2025
Delta R.T. -0.000 min
Lab File: BM039214.D
Acq: 29 Mar 2023 20:55

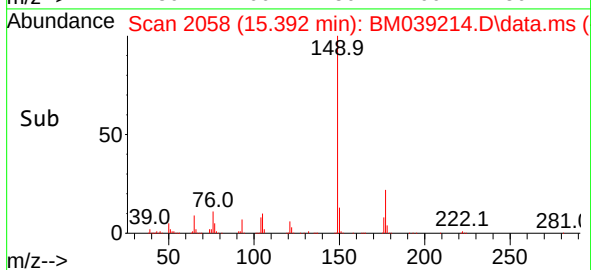
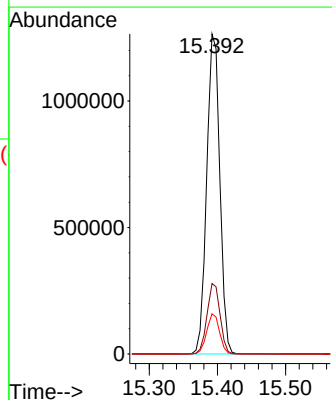
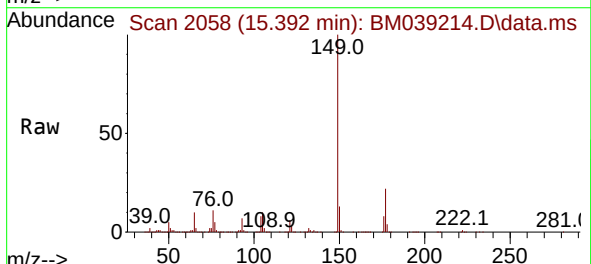
Instrument :
BNA_M
ClientSampleId :
PB151658BS

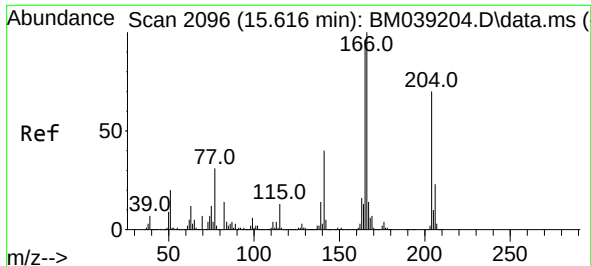
Tgt Ion:232 Resp: 447940
Ion Ratio Lower Upper
232 100
131 47.4 37.7 56.5
130 2.5 1.9 2.9
166 31.3 24.9 37.3



#60
Diethylphthalate
Concen: 45.766 ng
RT: 15.392 min Scan# 2058
Delta R.T. -0.006 min
Lab File: BM039214.D
Acq: 29 Mar 2023 20:55

Tgt Ion:149 Resp: 1689098
Ion Ratio Lower Upper
149 100
177 22.0 17.7 26.5
150 12.6 9.8 14.6

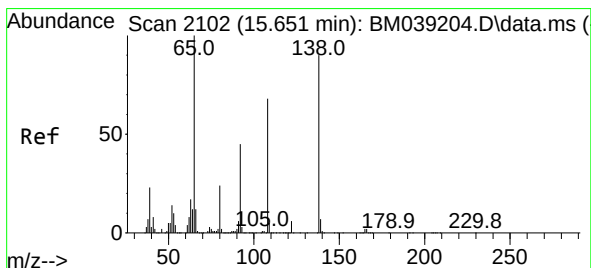
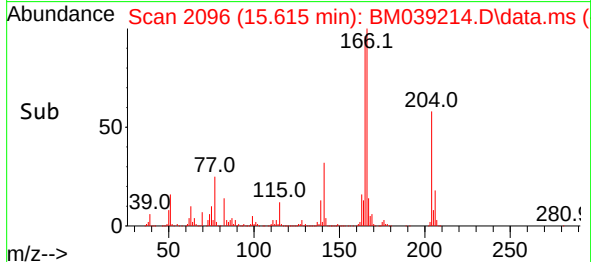
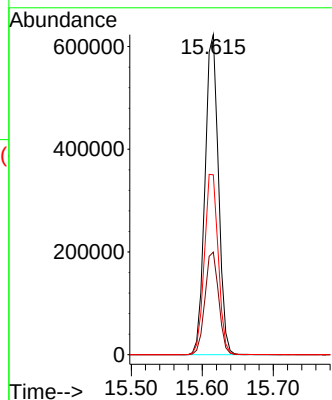
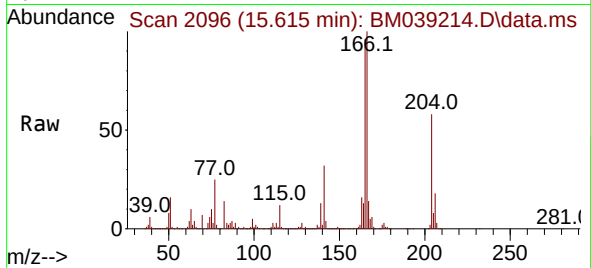




#61
4-Chlorophenyl-phenylether
Concen: 47.110 ng
RT: 15.615 min Scan# 2096
Delta R.T. -0.000 min
Lab File: BM039214.D
Acq: 29 Mar 2023 20:55

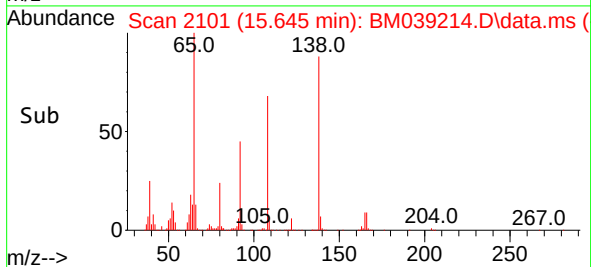
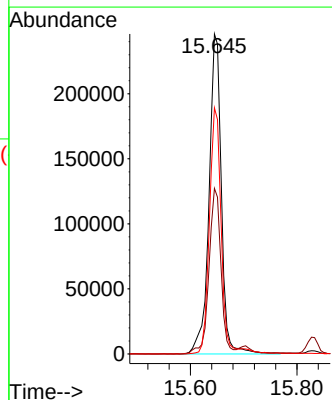
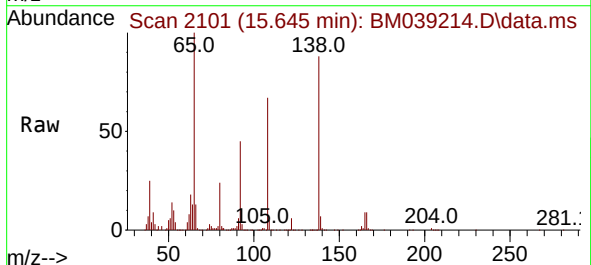
Instrument :
BNA_M
ClientSampleId :
PB151658BS

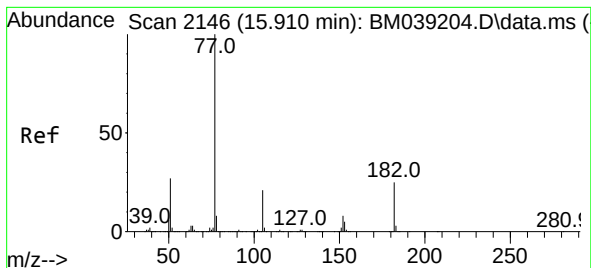
Tgt Ion:204 Resp: 821759
Ion Ratio Lower Upper
204 100
206 32.1 26.1 39.1
141 56.2 45.8 68.6



#62
4-Nitroaniline
Concen: 42.318 ng
RT: 15.645 min Scan# 2101
Delta R.T. -0.006 min
Lab File: BM039214.D
Acq: 29 Mar 2023 20:55

Tgt Ion:138 Resp: 395868
Ion Ratio Lower Upper
138 100
92 51.7 30.5 70.5
108 76.9 55.5 95.5





#63

Azobenzene

Concen: 47.573 ng

RT: 15.904 min Scan# 2145

Delta R.T. -0.006 min

Lab File: BM039214.D

Acq: 29 Mar 2023 20:55

Instrument :

BNA_M

ClientSampleId :

PB151658BS

Tgt Ion: 77 Resp: 1759097

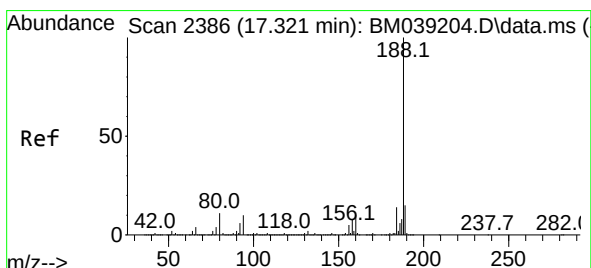
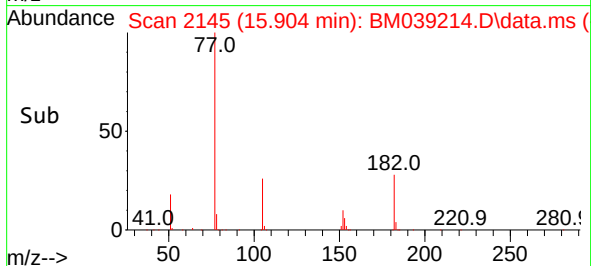
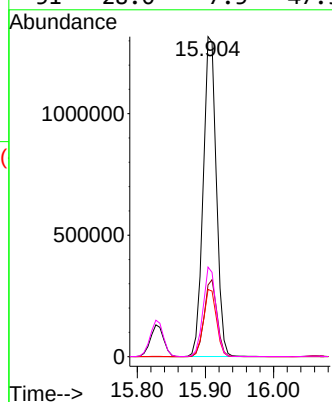
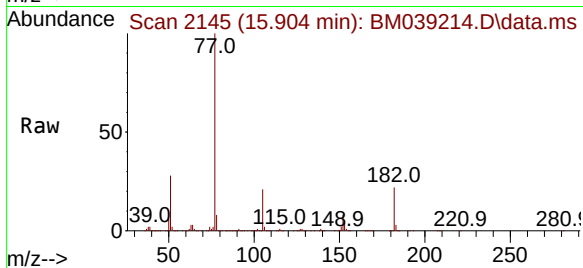
Ion Ratio Lower Upper

77 100

182 22.4 4.8 44.8

105 21.0 1.4 41.4

51 28.0 7.5 47.5



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.321 min Scan# 2386

Delta R.T. -0.000 min

Lab File: BM039214.D

Acq: 29 Mar 2023 20:55

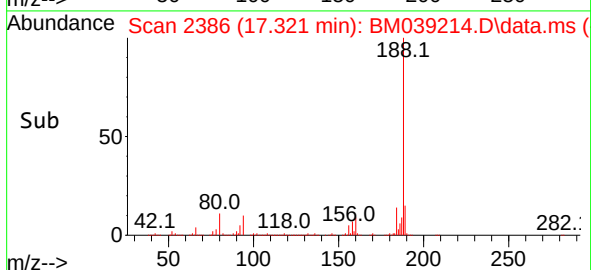
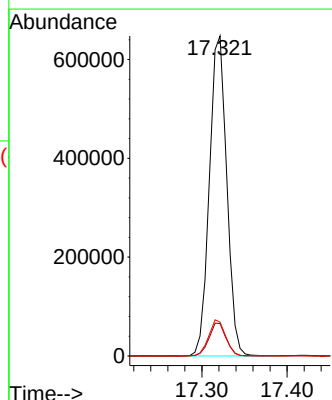
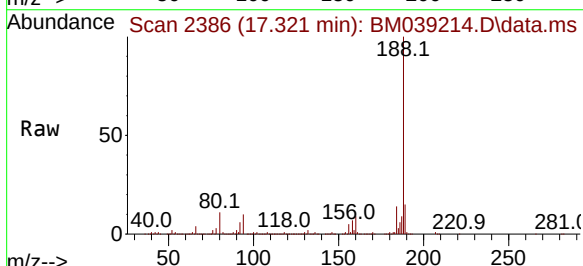
Tgt Ion:188 Resp: 915833

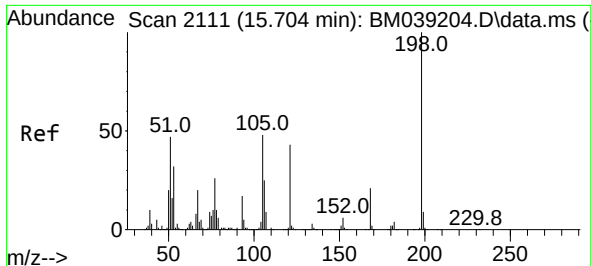
Ion Ratio Lower Upper

188 100

94 10.1 8.2 12.4

80 10.6 8.9 13.3

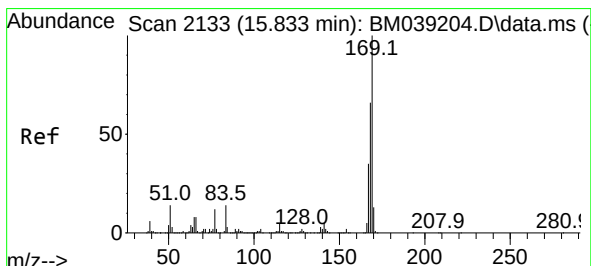
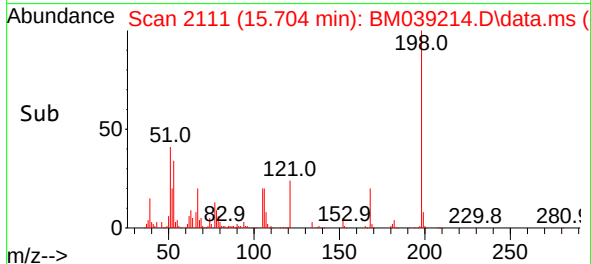
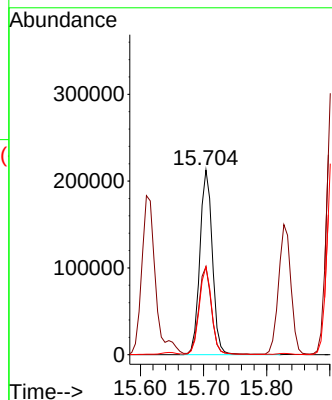
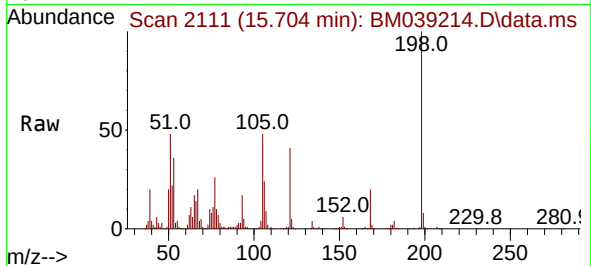




#65
4,6-Dinitro-2-methylphenol
Concen: 48.465 ng
RT: 15.704 min Scan# 2111
Delta R.T. -0.000 min
Lab File: BM039214.D
Acq: 29 Mar 2023 20:55

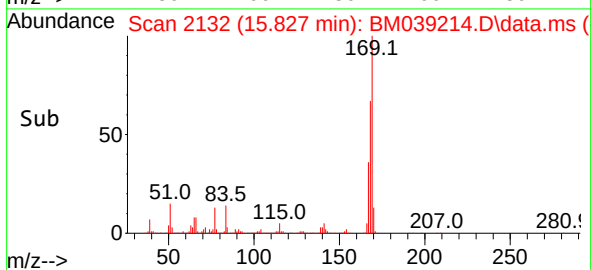
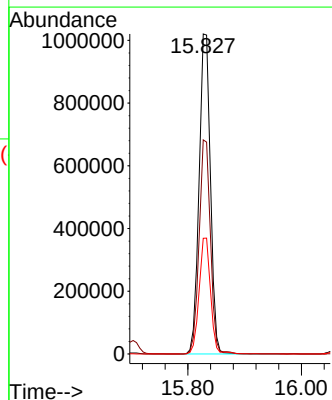
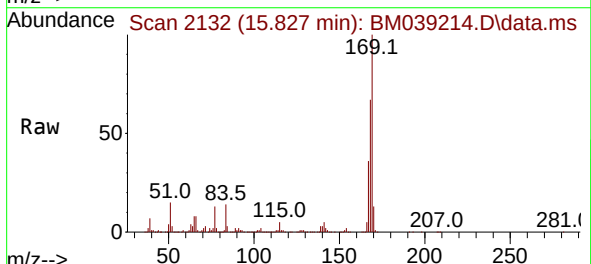
Instrument :
BNA_M
ClientSampleId :
PB151658BS

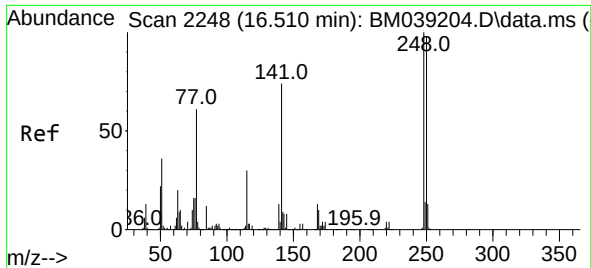
Tgt Ion:198 Resp: 292004
Ion Ratio Lower Upper
198 100
51 47.7 28.9 68.9
105 47.6 28.7 68.7



#66
n-Nitrosodiphenylamine
Concen: 49.172 ng
RT: 15.827 min Scan# 2132
Delta R.T. -0.006 min
Lab File: BM039214.D
Acq: 29 Mar 2023 20:55

Tgt Ion:169 Resp: 1419066
Ion Ratio Lower Upper
169 100
168 66.9 52.8 79.2
167 36.1 28.4 42.6

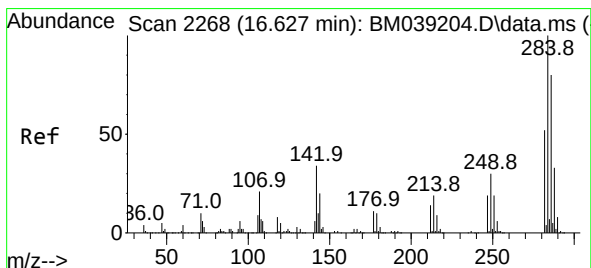
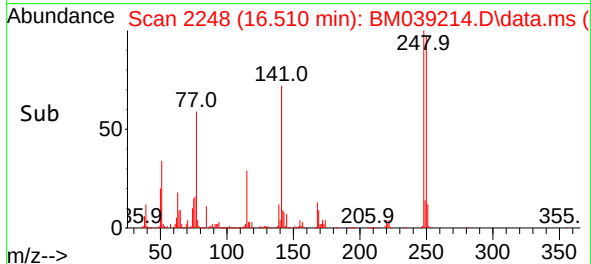
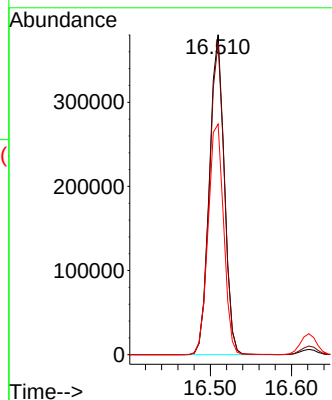
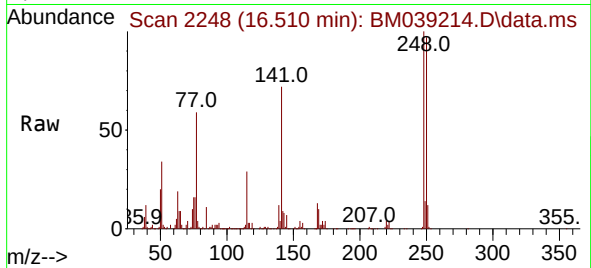




#67
4-Bromophenyl-phenylether
Concen: 49.508 ng
RT: 16.510 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM039214.D
Acq: 29 Mar 2023 20:55

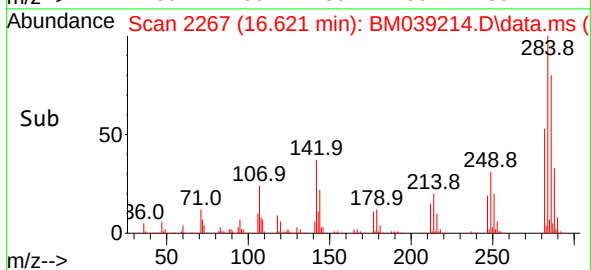
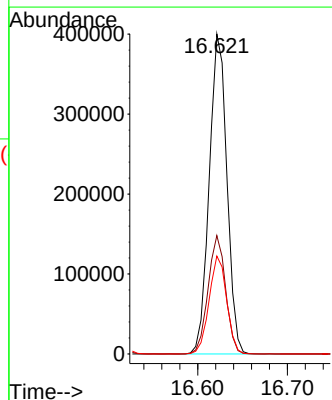
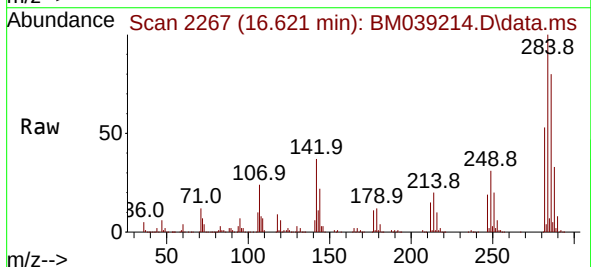
Instrument :
BNA_M
ClientSampleId :
PB151658BS

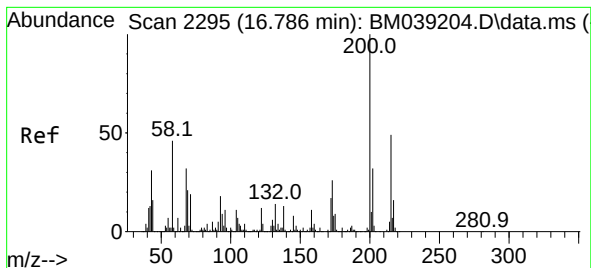
Tgt Ion:248 Resp: 484221
Ion Ratio Lower Upper
248 100
250 97.5 78.8 118.2
141 72.0 58.8 88.2



#68
Hexachlorobenzene
Concen: 51.493 ng
RT: 16.621 min Scan# 2267
Delta R.T. -0.006 min
Lab File: BM039214.D
Acq: 29 Mar 2023 20:55

Tgt Ion:284 Resp: 546081
Ion Ratio Lower Upper
284 100
142 37.0 27.4 41.2
249 30.6 24.4 36.6





#69

Atrazine

Concen: 51.205 ng

RT: 16.786 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM039214.D

Acq: 29 Mar 2023 20:55

Instrument :

BNA_M

ClientSampleId :

PB151658BS

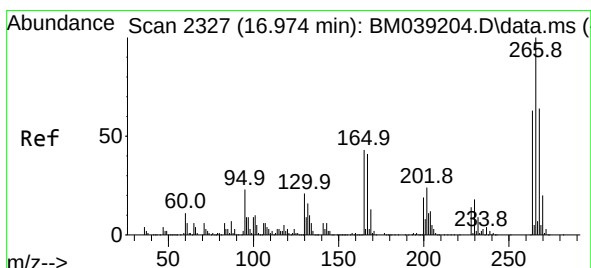
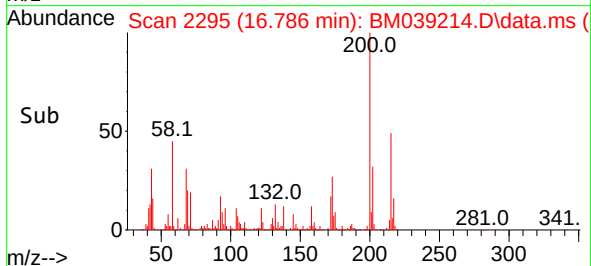
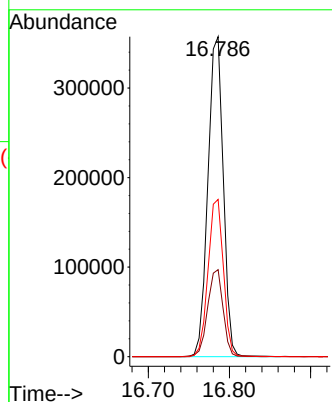
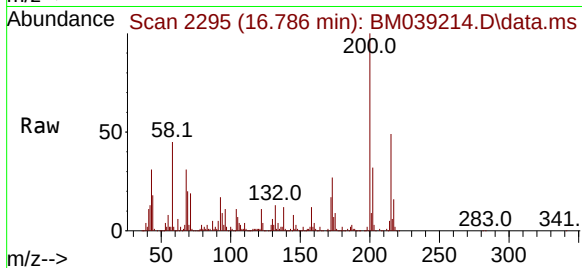
Tgt Ion:200 Resp: 468042

Ion Ratio Lower Upper

200 100

173 27.2 6.4 46.4

215 49.2 28.9 68.9



#70

Pentachlorophenol

Concen: 93.015 ng

RT: 16.968 min Scan# 2326

Delta R.T. -0.006 min

Lab File: BM039214.D

Acq: 29 Mar 2023 20:55

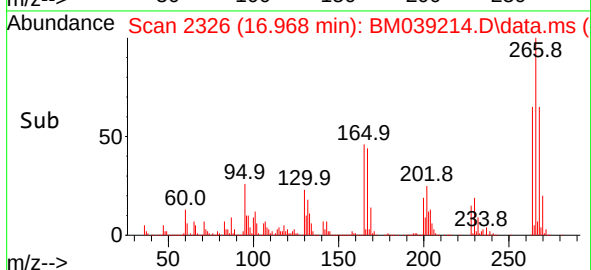
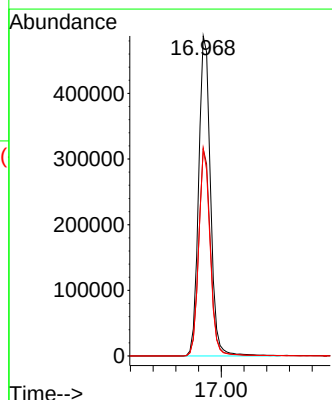
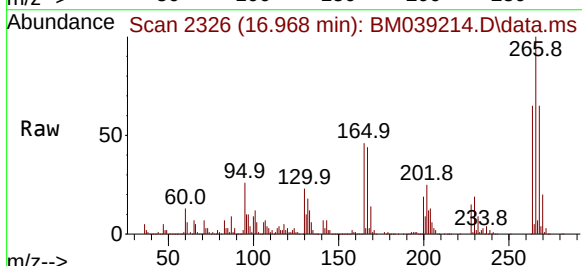
Tgt Ion:266 Resp: 707714

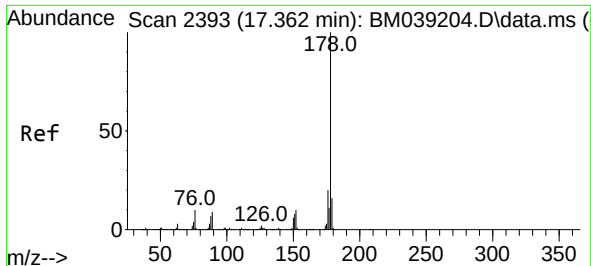
Ion Ratio Lower Upper

266 100

268 64.8 51.4 77.2

264 64.8 50.2 75.4

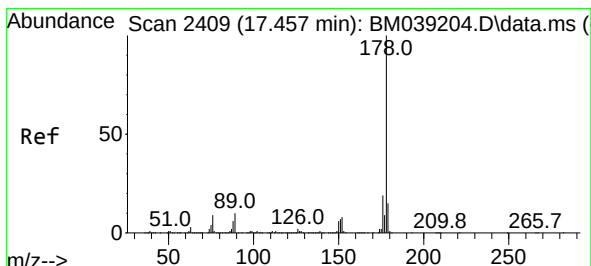
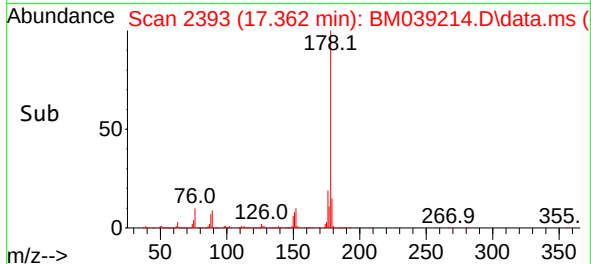
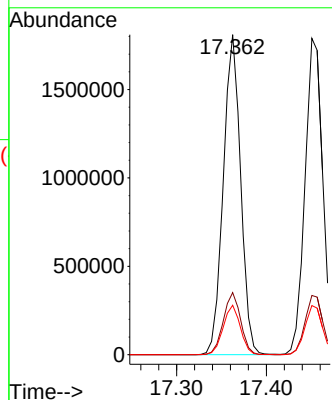
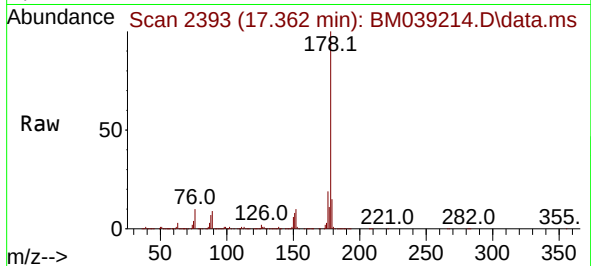




#71
Phenanthrene
Concen: 48.377 ng
RT: 17.362 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM039214.D
Acq: 29 Mar 2023 20:55

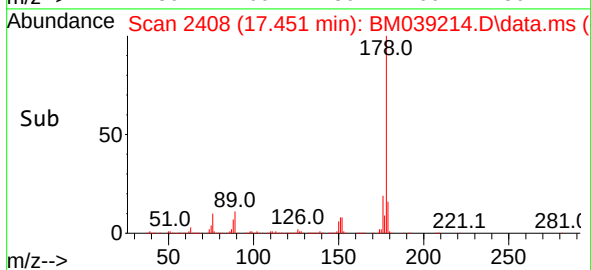
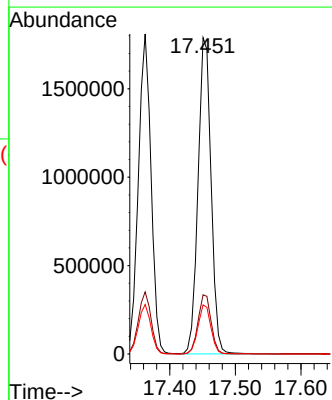
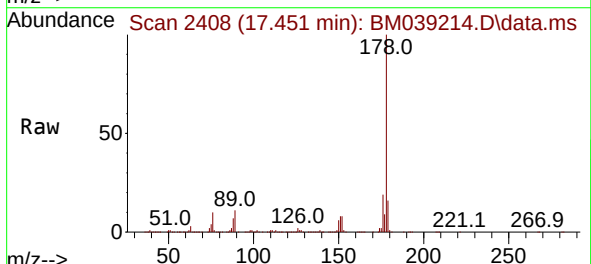
Instrument :
BNA_M
ClientSampleId :
PB151658BS

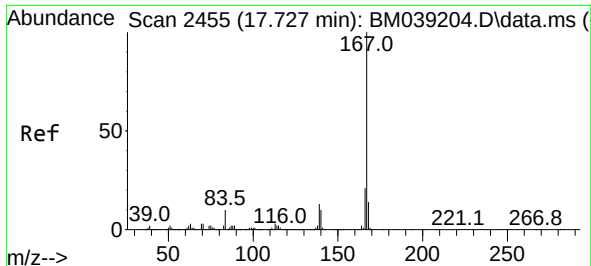
Tgt Ion:178 Resp: 2426552
Ion Ratio Lower Upper
178 100
176 19.4 15.7 23.5
179 15.4 12.4 18.6



#72
Anthracene
Concen: 48.352 ng
RT: 17.451 min Scan# 2408
Delta R.T. -0.006 min
Lab File: BM039214.D
Acq: 29 Mar 2023 20:55

Tgt Ion:178 Resp: 2472982
Ion Ratio Lower Upper
178 100
176 18.7 14.9 22.3
179 15.5 12.2 18.2



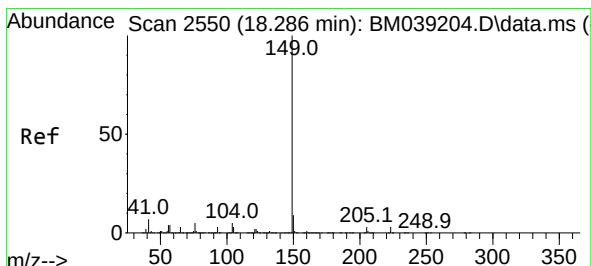
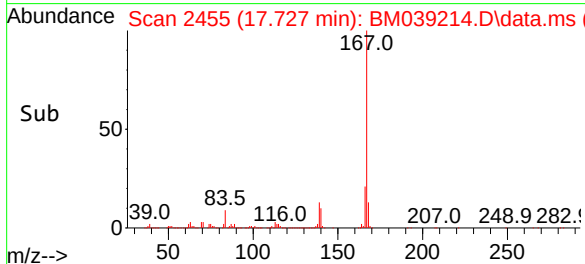
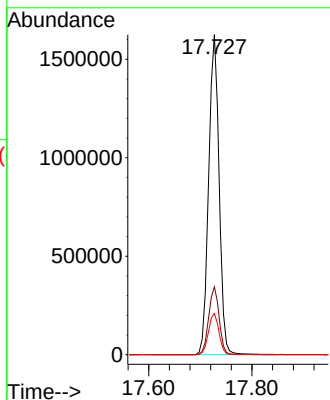
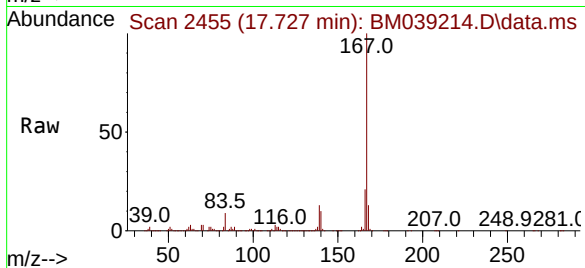


#73
 Carbazole
 Concen: 47.694 ng
 RT: 17.727 min Scan# 2455
 Delta R.T. -0.000 min
 Lab File: BM039214.D
 Acq: 29 Mar 2023 20:55

Instrument :
 BNA_M
 ClientSampleId :
 PB151658BS

Tgt Ion:167 Resp: 2279388

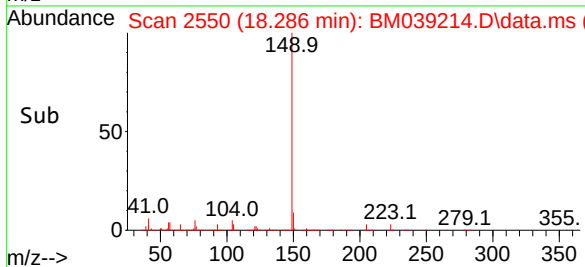
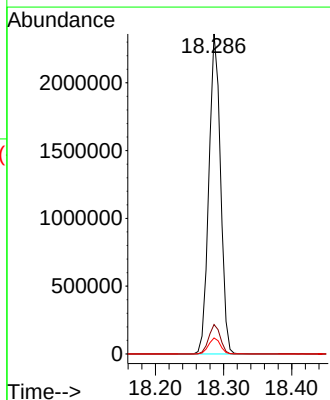
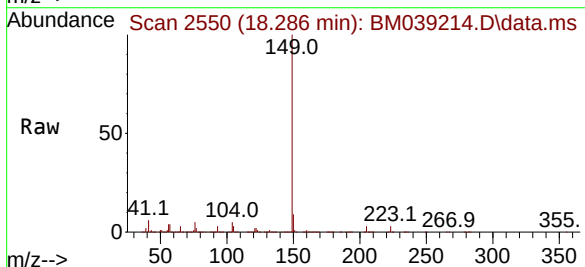
Ion	Ratio	Lower	Upper
167	100		
166	21.2	17.2	25.8
139	12.9	10.6	16.0

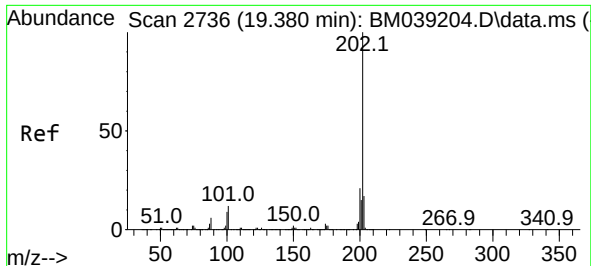


#74
 Di-n-butylphthalate
 Concen: 47.435 ng
 RT: 18.286 min Scan# 2550
 Delta R.T. -0.000 min
 Lab File: BM039214.D
 Acq: 29 Mar 2023 20:55

Tgt Ion:149 Resp: 2804259

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.5	11.3
104	5.0	4.1	6.1

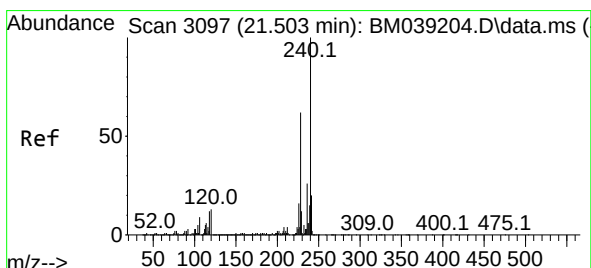
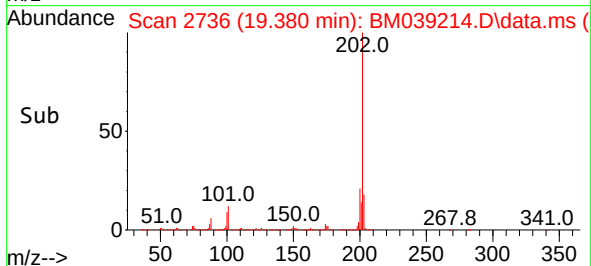
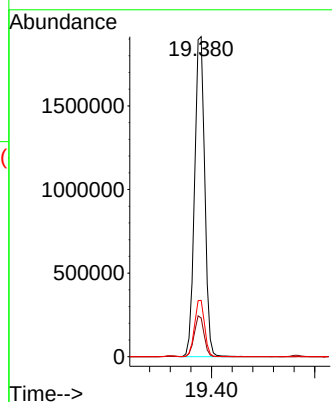
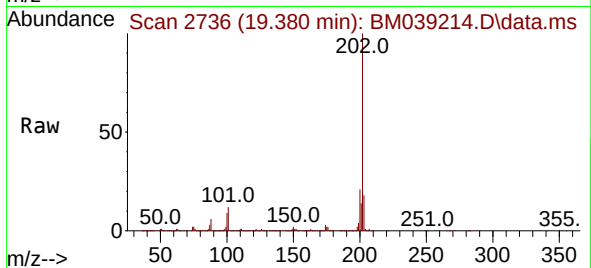




#75
Fluoranthene
Concen: 45.452 ng
RT: 19.380 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM039214.D
Acq: 29 Mar 2023 20:55

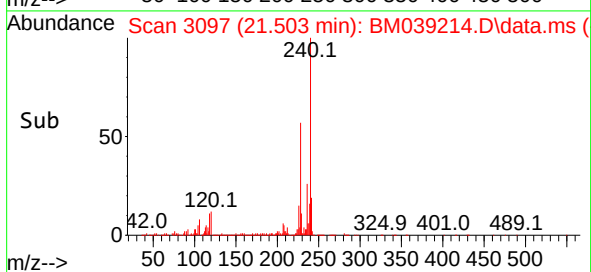
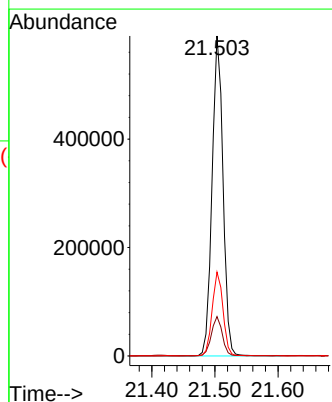
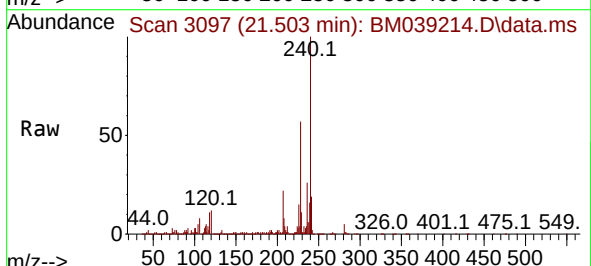
Instrument :
BNA_M
ClientSampleId :
PB151658BS

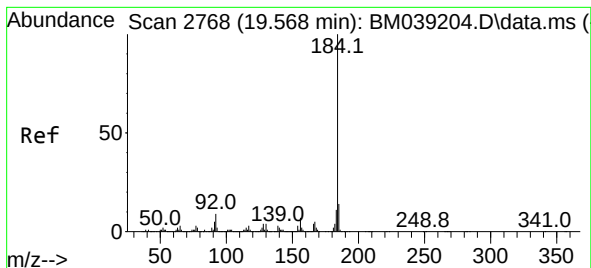
Tgt Ion:202 Resp: 2598818
Ion Ratio Lower Upper
202 100
101 12.1 0.0 32.5
203 17.6 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.503 min Scan# 3097
Delta R.T. -0.000 min
Lab File: BM039214.D
Acq: 29 Mar 2023 20:55

Tgt Ion:240 Resp: 708453
Ion Ratio Lower Upper
240 100
120 12.3 10.2 15.2
236 26.2 20.9 31.3





#77

Benzidine

Concen: 82.195 ng

RT: 19.562 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM039214.D

Acq: 29 Mar 2023 20:55

Instrument :

BNA_M

ClientSampleId :

PB151658BS

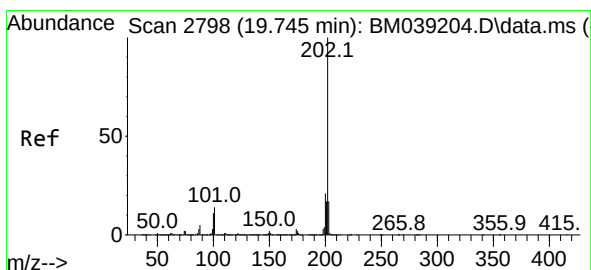
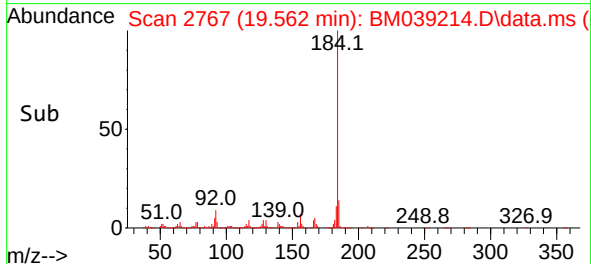
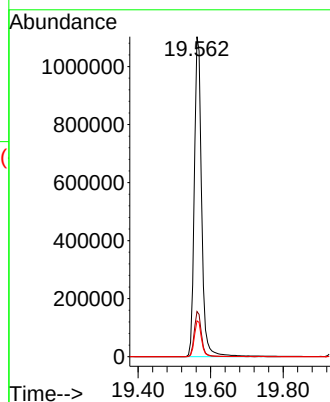
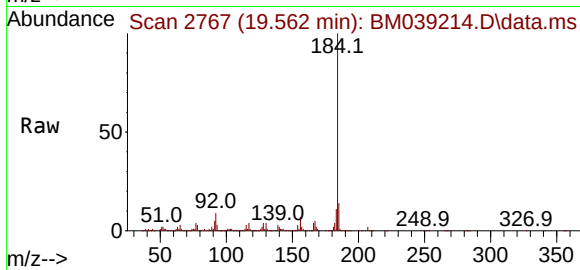
Tgt Ion:184 Resp: 1535936

Ion Ratio Lower Upper

184 100

185 14.1 11.4 17.0

183 11.2 9.0 13.4



#78

Pyrene

Concen: 53.482 ng

RT: 19.739 min Scan# 2797

Delta R.T. -0.006 min

Lab File: BM039214.D

Acq: 29 Mar 2023 20:55

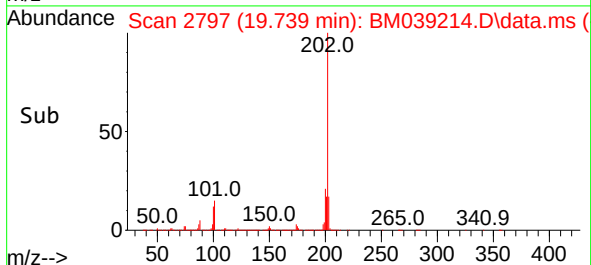
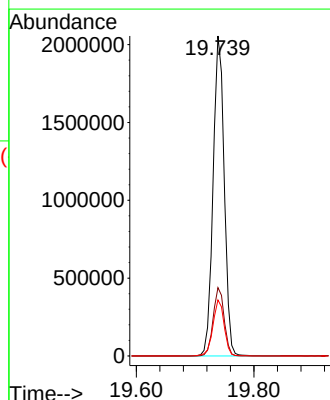
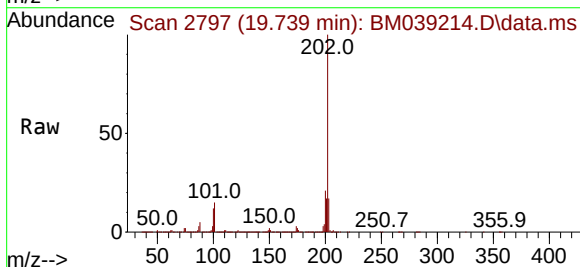
Tgt Ion:202 Resp: 2697319

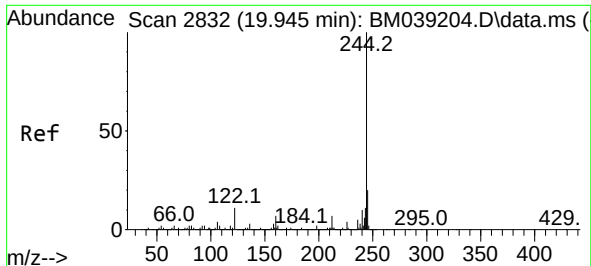
Ion Ratio Lower Upper

202 100

200 21.3 17.1 25.7

203 17.5 13.9 20.9

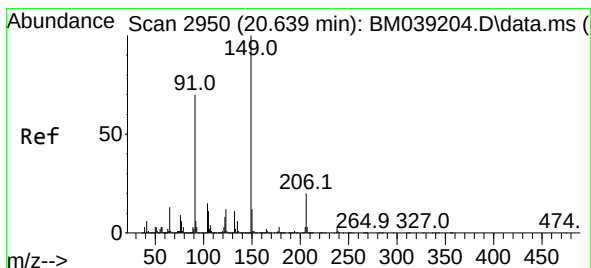
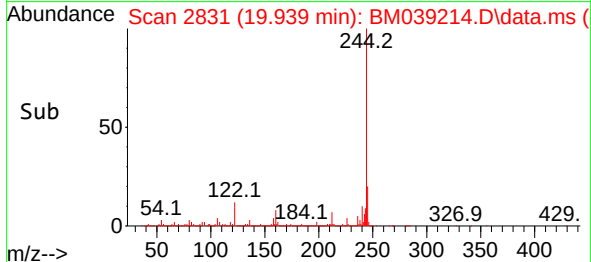
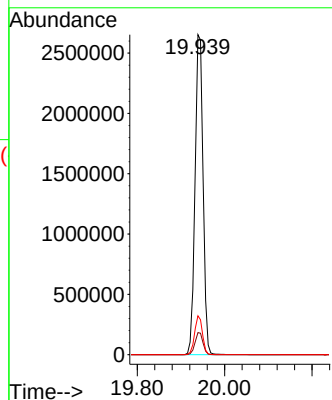
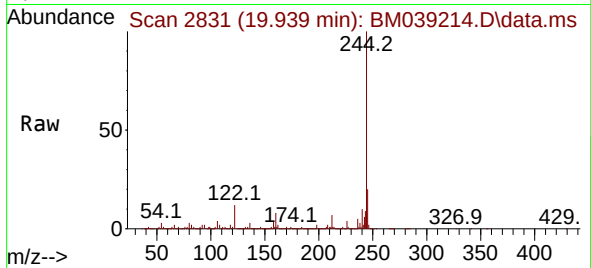




#79
 Terphenyl-d14
 Concen: 88.008 ng
 RT: 19.939 min Scan# 2831
 Delta R.T. -0.006 min
 Lab File: BM039214.D
 Acq: 29 Mar 2023 20:55

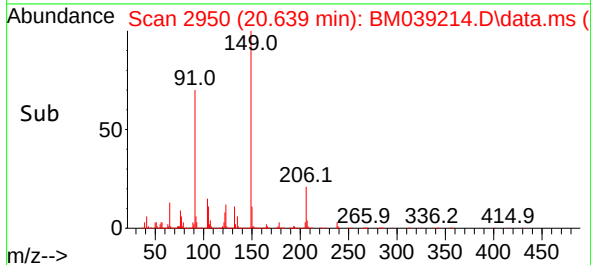
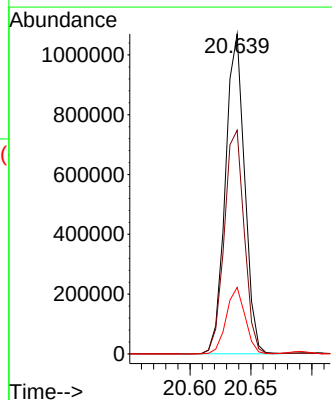
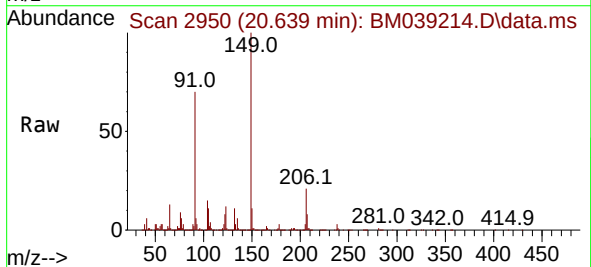
Instrument :
 BNA_M
 ClientSampleId :
 PB151658BS

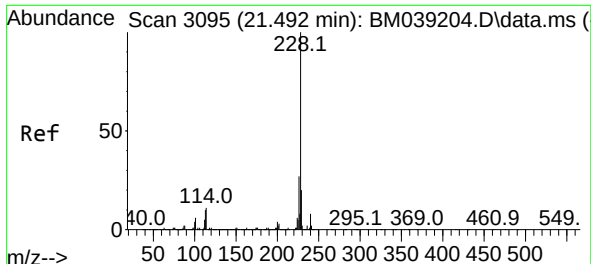
Tgt Ion:244 Resp: 3374723
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.6 8.4
 122 12.1 9.1 13.7



#80
 Butylbenzylphthalate
 Concen: 50.750 ng
 RT: 20.639 min Scan# 2950
 Delta R.T. -0.000 min
 Lab File: BM039214.D
 Acq: 29 Mar 2023 20:55

Tgt Ion:149 Resp: 1172603
 Ion Ratio Lower Upper
 149 100
 91 69.9 56.3 84.5
 206 20.8 16.4 24.6

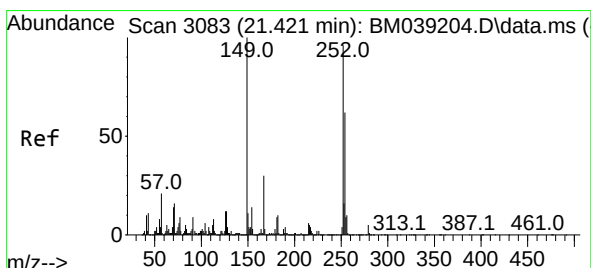
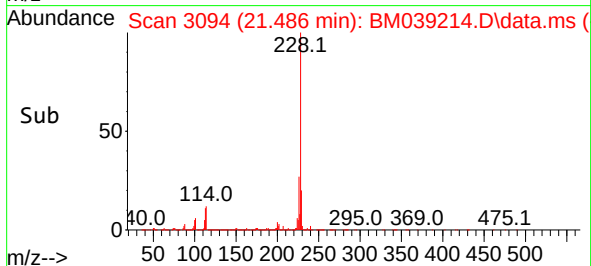
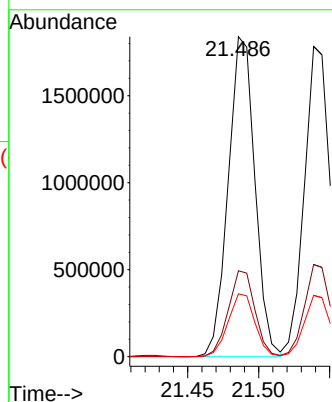
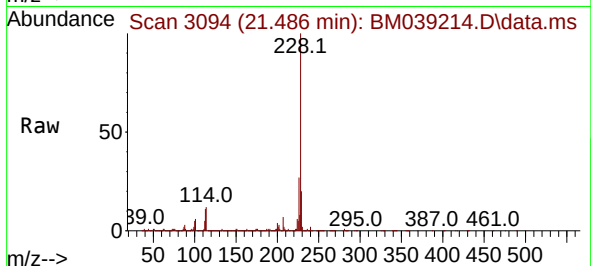




#81
Benzo(a)anthracene
Concen: 48.217 ng
RT: 21.486 min Scan# 3095
Delta R.T. -0.006 min
Lab File: BM039214.D
Acq: 29 Mar 2023 20:55

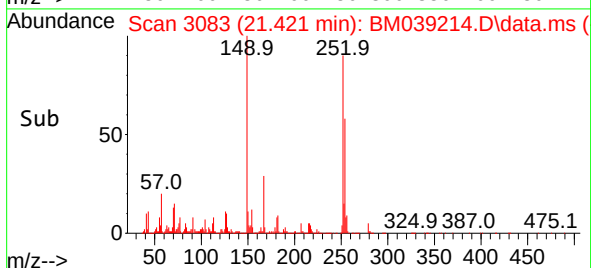
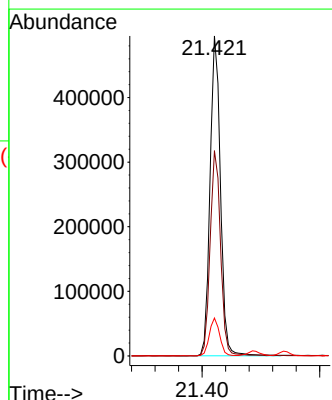
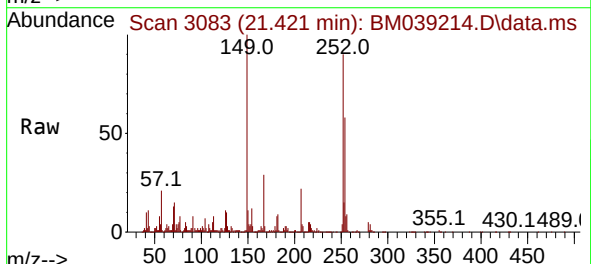
Instrument :
BNA_M
ClientSampleId :
PB151658BS

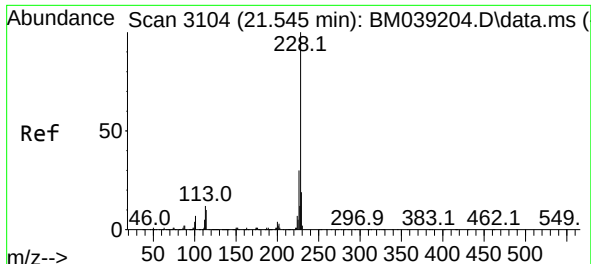
Tgt Ion:228 Resp: 2409164
Ion Ratio Lower Upper
228 100
226 26.8 21.9 32.9
229 19.7 15.8 23.6



#82
3,3'-Dichlorobenzidine
Concen: 36.606 ng
RT: 21.421 min Scan# 3083
Delta R.T. -0.000 min
Lab File: BM039214.D
Acq: 29 Mar 2023 20:55

Tgt Ion:252 Resp: 609277
Ion Ratio Lower Upper
252 100
254 64.1 51.8 77.8
126 11.9 10.1 15.1

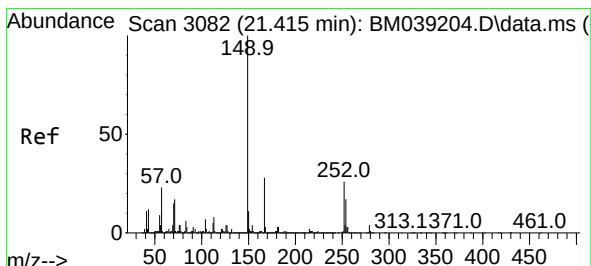
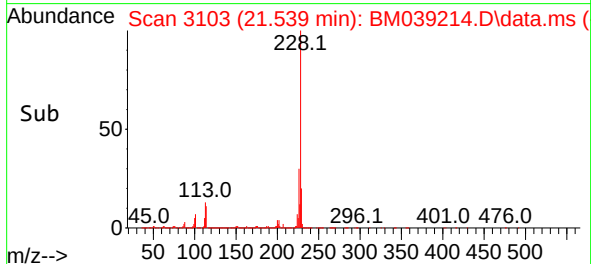
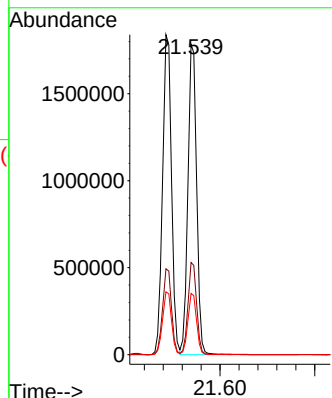
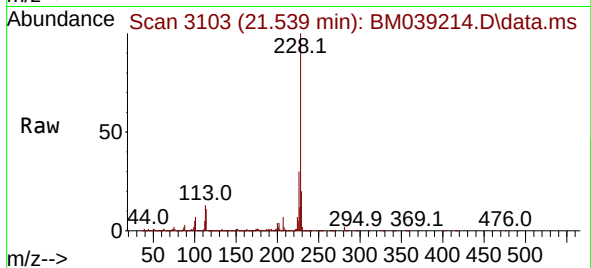




#83
Chrysene
Concen: 47.109 ng
RT: 21.539 min Scan# 3103
Delta R.T. -0.006 min
Lab File: BM039214.D
Acq: 29 Mar 2023 20:55

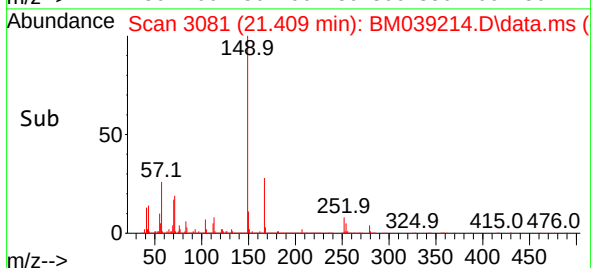
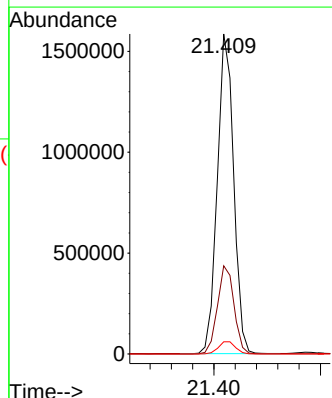
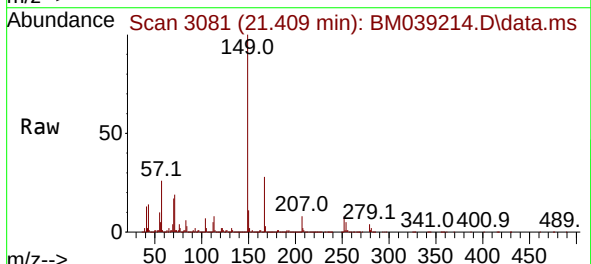
Instrument :
BNA_M
ClientSampleId :
PB151658BS

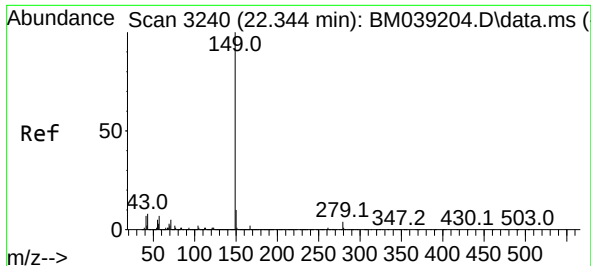
Tgt Ion:228 Resp: 2272277
Ion Ratio Lower Upper
228 100
226 29.7 24.1 36.1
229 19.8 15.5 23.3



#84
Bis(2-ethylhexyl)phthalate
Concen: 49.413 ng
RT: 21.409 min Scan# 3081
Delta R.T. -0.006 min
Lab File: BM039214.D
Acq: 29 Mar 2023 20:55

Tgt Ion:149 Resp: 1686184
Ion Ratio Lower Upper
149 100
167 27.5 22.3 33.5
279 3.8 3.4 5.2

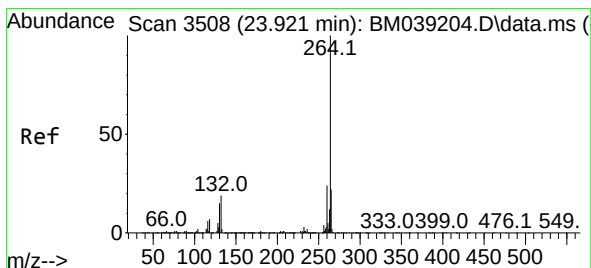
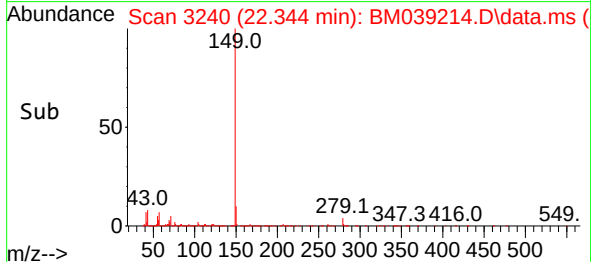
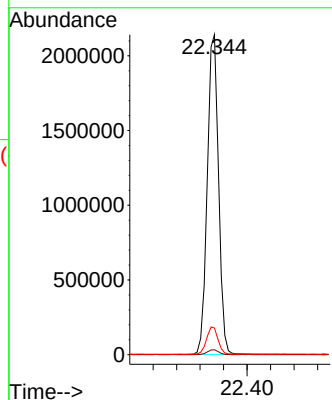
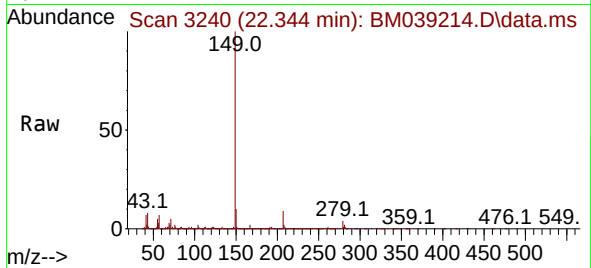




#85
Di-n-octyl phthalate
Concen: 46.370 ng
RT: 22.344 min Scan# 31
Delta R.T. -0.000 min
Lab File: BM039214.D
Acq: 29 Mar 2023 20:55

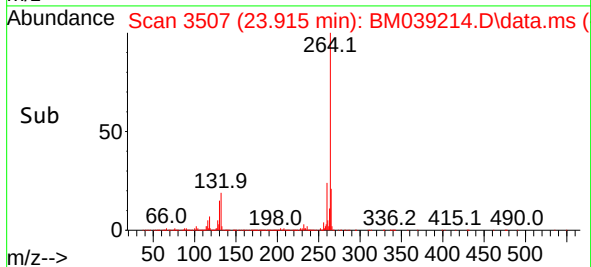
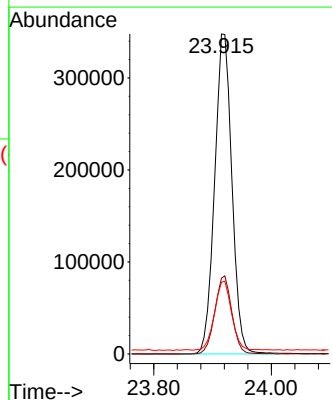
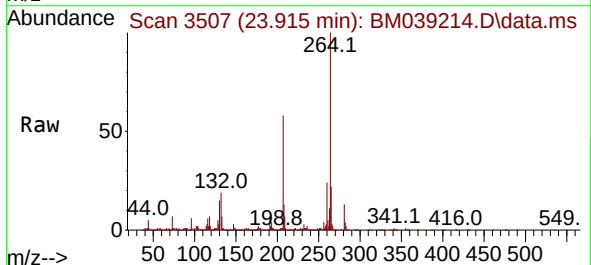
Instrument :
BNA_M
ClientSampleId :
PB151658BS

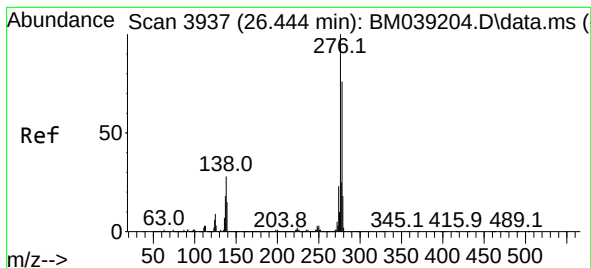
Tgt Ion:149 Resp: 2850923
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 8.7 6.9 10.3



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.915 min Scan# 3507
Delta R.T. -0.006 min
Lab File: BM039214.D
Acq: 29 Mar 2023 20:55

Tgt Ion:264 Resp: 710397
Ion Ratio Lower Upper
264 100
260 23.7 19.0 28.6
265 22.4 18.1 27.1





#87

Indeno(1,2,3-cd)pyrene

Concen: 47.280 ng

RT: 26.438 min Scan# 3936

Delta R.T. -0.006 min

Lab File: BM039214.D

Acq: 29 Mar 2023 20:55

Instrument :

BNA_M

ClientSampleId :

PB151658BS

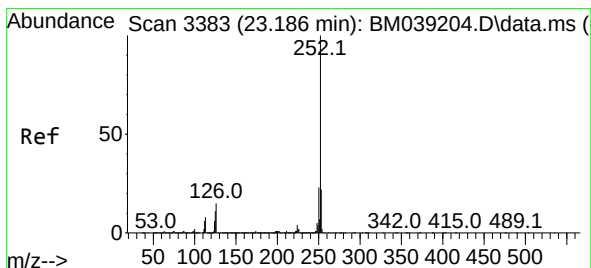
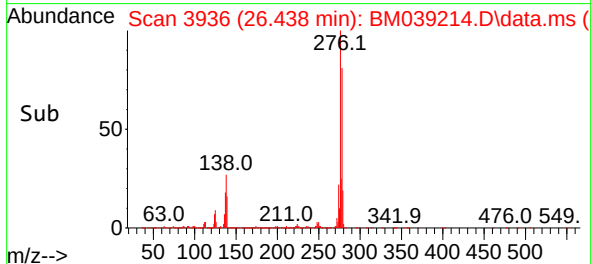
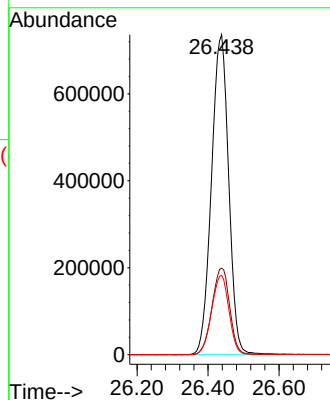
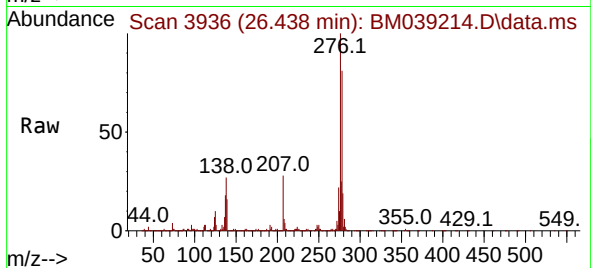
Tgt Ion:276 Resp: 2474704

Ion Ratio Lower Upper

276 100

138 27.7 22.2 33.2

277 25.1 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 53.579 ng

RT: 23.186 min Scan# 3383

Delta R.T. -0.000 min

Lab File: BM039214.D

Acq: 29 Mar 2023 20:55

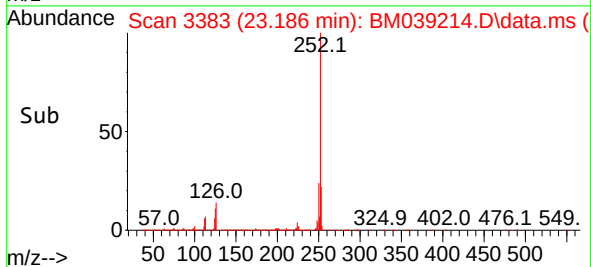
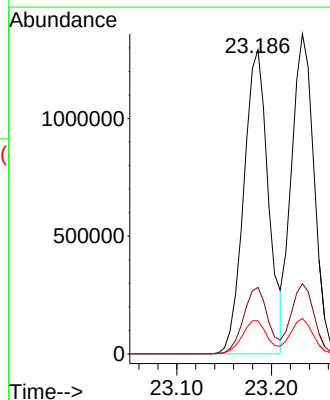
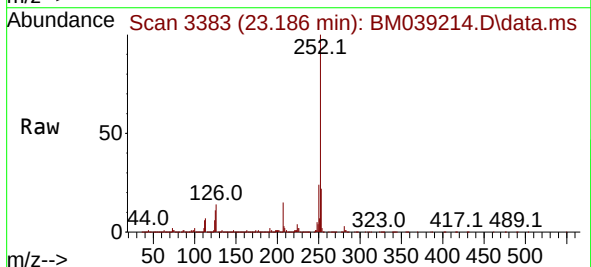
Tgt Ion:252 Resp: 2328958

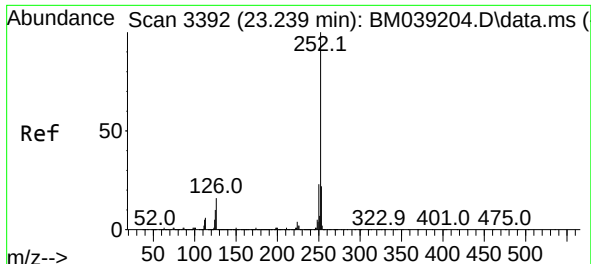
Ion Ratio Lower Upper

252 100

253 21.9 17.6 26.4

125 10.9 9.0 13.6

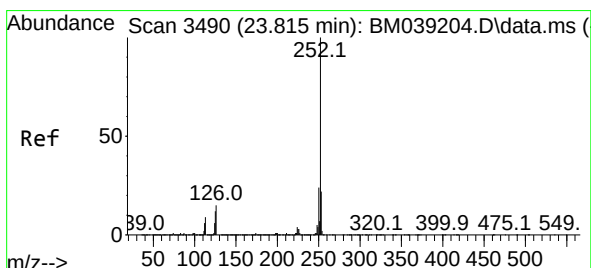
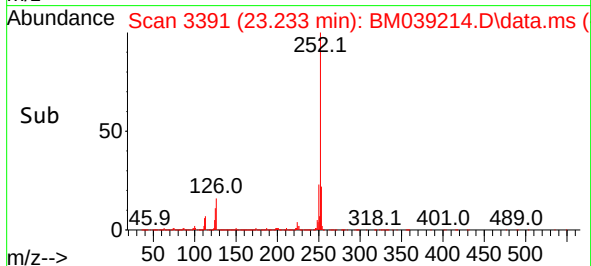
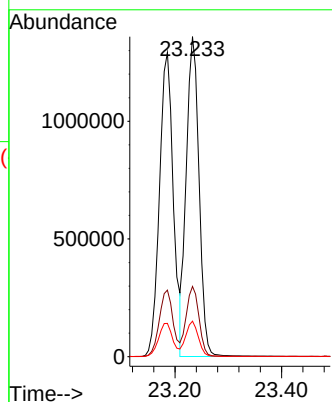
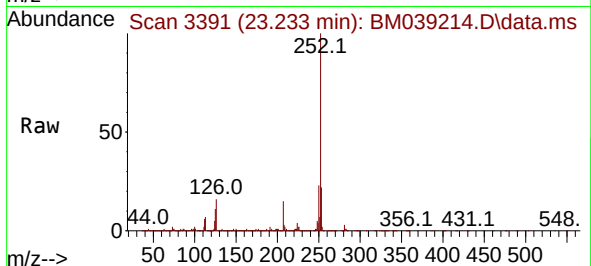




#89
Benzo(k)fluoranthene
Concen: 51.075 ng
RT: 23.233 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM039214.D
Acq: 29 Mar 2023 20:55

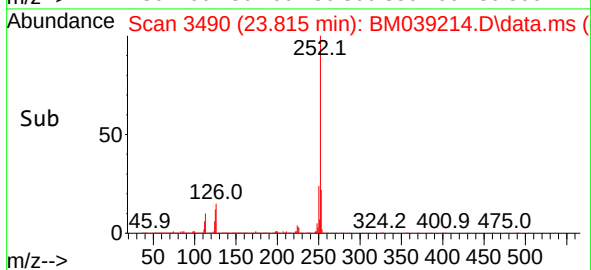
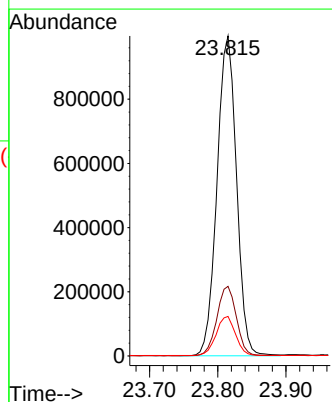
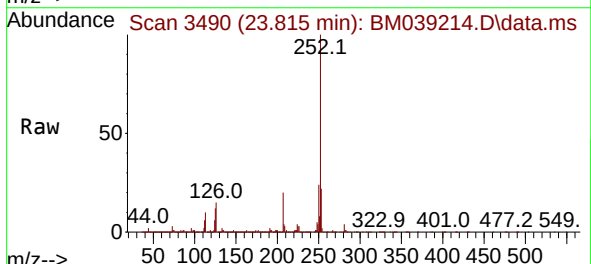
Instrument :
BNA_M
ClientSampleId :
PB151658BS

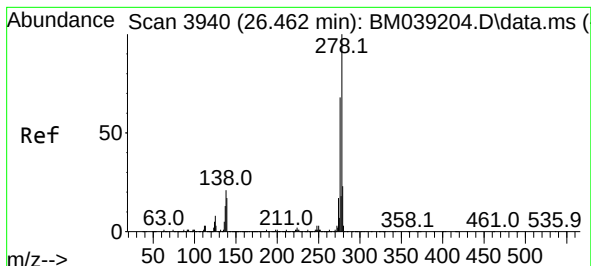
Tgt Ion:252 Resp: 2261418
Ion Ratio Lower Upper
252 100
253 21.9 17.8 26.8
125 11.1 8.5 12.7



#90
Benzo(a)pyrene
Concen: 46.473 ng
RT: 23.815 min Scan# 3490
Delta R.T. -0.000 min
Lab File: BM039214.D
Acq: 29 Mar 2023 20:55

Tgt Ion:252 Resp: 1984441
Ion Ratio Lower Upper
252 100
253 21.7 17.6 26.4
125 12.4 9.8 14.6





#91

Dibenzo(a,h)anthracene

Concen: 47.299 ng

RT: 26.450 min Scan# 3940

Delta R.T. -0.012 min

Lab File: BM039214.D

Acq: 29 Mar 2023 20:55

Instrument :

BNA_M

ClientSampleId :

PB151658BS

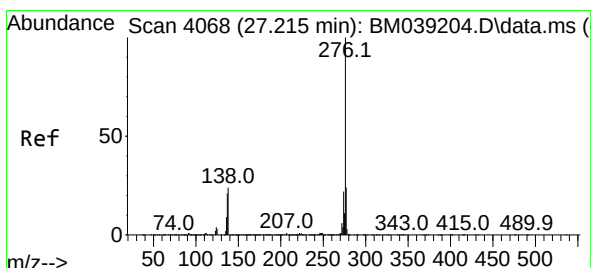
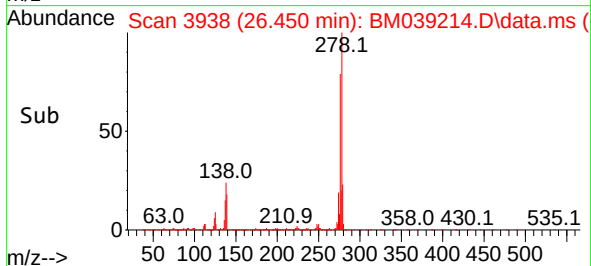
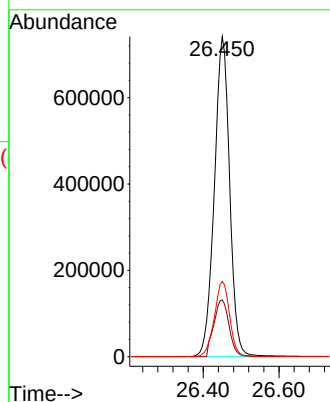
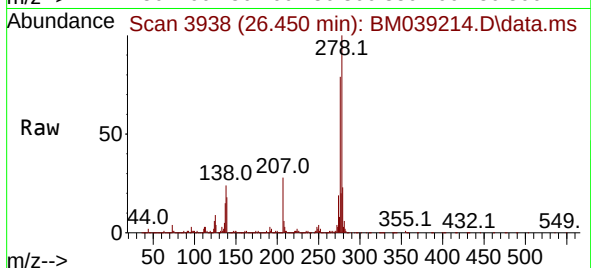
Tgt Ion:278 Resp: 2078848

Ion Ratio Lower Upper

278 100

139 17.7 13.9 20.9

279 23.5 18.8 28.2



#92

Benzo(g,h,i)perylene

Concen: 46.655 ng

RT: 27.209 min Scan# 4067

Delta R.T. -0.006 min

Lab File: BM039214.D

Acq: 29 Mar 2023 20:55

Tgt Ion:276 Resp: 2016569

Ion Ratio Lower Upper

276 100

277 23.8 19.1 28.7

138 23.5 19.5 29.3

