

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041423\
 Data File : BM039433.D
 Acq On : 14 Apr 2023 14:27
 Operator : CG/JU
 Sample : PB152106BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB152106BS

Quant Time: Apr 14 14:59:12 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 11 16:05:42 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.851	152	224840	20.000	ng	-0.01
21) Naphthalene-d8	10.663	136	889758	20.000	ng	-0.01
39) Acenaphthene-d10	14.510	164	488286	20.000	ng	0.00
64) Phenanthrene-d10	17.262	188	884856	20.000	ng	0.00
76) Chrysene-d12	21.450	240	629997	20.000	ng	-0.01
86) Perylene-d12	23.833	264	643653	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	2167547	145.243	ng	0.00
7) Phenol-d6	7.051	99	2662768	137.949	ng	0.02
23) Nitrobenzene-d5	9.028	82	1676079	91.555	ng	0.00
42) 2,4,6-Tribromophenol	16.010	330	814656	131.432	ng	0.00
45) 2-Fluorobiphenyl	13.133	172	3411339	94.659	ng	0.00
79) Terphenyl-d14	19.886	244	3995781	117.182	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.269	88	221384	36.293	ng	97
3) Pyridine	3.681	79	593295	34.718	ng	99
4) n-Nitrosodimethylamine	3.593	42	294041	43.812	ng	96
6) Aniline	7.181	93	915747	38.331	ng	98
8) 2-Chlorophenol	7.422	128	719881	47.129	ng	96
9) Benzaldehyde	6.993	77	375505	34.160	ng	97
10) Phenol	7.081	94	879834	45.484	ng	98
11) bis(2-Chloroethyl)ether	7.281	93	725569	46.625	ng	99
12) 1,3-Dichlorobenzene	7.740	146	782354	48.297	ng	99
13) 1,4-Dichlorobenzene	7.887	146	789386	48.194	ng	99
14) 1,2-Dichlorobenzene	8.204	146	761952	48.649	ng	99
15) Benzyl Alcohol	8.110	79	616112	46.407	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.392	45	1012524	50.869	ng	100
17) 2-Methylphenol	8.328	107	575507	42.524	ng	98
18) Hexachloroethane	8.928	117	313683	49.509	ng	99
19) n-Nitroso-di-n-propyla...	8.669	70	551270	44.677	ng	98
20) 3+4-Methylphenols	8.657	107	765760	42.107	ng	98
22) Acetophenone	8.687	105	1068991	44.935	ng	# 98
24) Nitrobenzene	9.069	77	794535	43.634	ng	99
25) Isophorone	9.598	82	1498662	43.881	ng	100
26) 2-Nitrophenol	9.781	139	379147	45.043	ng	99
27) 2,4-Dimethylphenol	9.857	122	633498	45.297	ng	99
28) bis(2-Chloroethoxy)met...	10.081	93	926191	44.800	ng	100
29) 2,4-Dichlorophenol	10.328	162	620228	45.453	ng	99
30) 1,2,4-Trichlorobenzene	10.528	180	686448	47.022	ng	98
31) Naphthalene	10.716	128	2126392	44.352	ng	100
32) Benzoic acid	10.039	122	390899	35.861	ng	97
33) 4-Chloroaniline	10.845	127	460754	21.936	ng	99
34) Hexachlorobutadiene	10.986	225	414861	48.329	ng	99
35) Caprolactam	11.639	113	182773	38.576	ng	94
36) 4-Chloro-3-methylphenol	11.986	107	638500	42.411	ng	97
37) 2-Methylnaphthalene	12.327	142	1409434	42.229	ng	98
38) 1-Methylnaphthalene	12.545	142	1308560	41.872	ng	100
40) 1,2,4,5-Tetrachloroben...	12.698	216	725702	48.814	ng	99
41) Hexachlorocyclopentadiene	12.669	237	942782	116.081	ng	98
43) 2,4,6-Trichlorophenol	12.951	196	458746	45.247	ng	99

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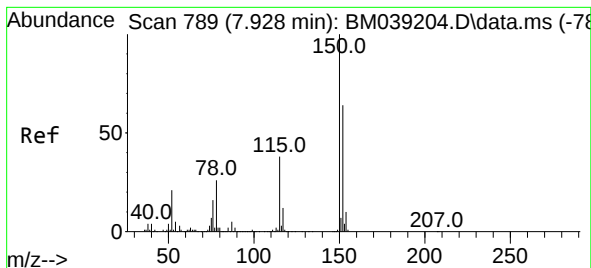
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.033	196	487007	40.974	ng	99
46) 1,1'-Biphenyl	13.345	154	1788649	46.388	ng	100
47) 2-Chloronaphthalene	13.386	162	1338339	45.840	ng	99
48) 2-Nitroaniline	13.604	65	391633	39.861	ng	98
49) Acenaphthylene	14.233	152	2099307	43.750	ng	100
50) Dimethylphthalate	13.974	163	1613475	42.877	ng	100
51) 2,6-Dinitrotoluene	14.098	165	347506	42.943	ng	96
52) Acenaphthene	14.574	154	1242126	43.839	ng	100
53) 3-Nitroaniline	14.433	138	221679	23.696	ng	95
54) 2,4-Dinitrophenol	14.645	184	387600	80.879	ng	98
55) Dibenzofuran	14.910	168	1927819	42.262	ng	98
56) 4-Nitrophenol	14.774	139	495898	68.742	ng	96
57) 2,4-Dinitrotoluene	14.892	165	456369	41.689	ng	92
58) Fluorene	15.563	166	1529043	42.331	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.145	232	402430	42.560	ng	99
60) Diethylphthalate	15.333	149	1638706	43.265	ng	99
61) 4-Chlorophenyl-phenyle...	15.551	204	770126	43.020	ng	97
62) 4-Nitroaniline	15.604	138	262019	27.293	ng	98
63) Azobenzene	15.845	77	1646948	43.400	ng	98
65) 4,6-Dinitro-2-methylph...	15.657	198	252510	43.377	ng	96
66) n-Nitrosodiphenylamine	15.774	169	1297051	46.517	ng	98
67) 4-Bromophenyl-phenylether	16.451	248	456716	48.331	ng	99
68) Hexachlorobenzene	16.562	284	513550	50.121	ng	96
69) Atrazine	16.733	200	445158	50.407	ng	99
70) Pentachlorophenol	16.921	266	599845	81.598	ng	100
71) Phenanthrene	17.304	178	2193699	45.266	ng	100
72) Anthracene	17.398	178	2249462	45.521	ng	100
73) Carbazole	17.674	167	1958377	42.412	ng	100
74) Di-n-butylphthalate	18.227	149	2782481	48.714	ng	100
75) Fluoranthene	19.321	202	2330839	42.192	ng	99
77) Benzidine	19.515	184	1030590	62.020	ng	99
78) Pyrene	19.686	202	2404817	53.620	ng	99
80) Butylbenzylphthalate	20.580	149	1119440	54.483	ng	94
81) Benzo(a)anthracene	21.433	228	2018953	45.440	ng	99
82) 3,3'-Dichlorobenzidine	21.374	252	596280	40.286	ng	98
83) Chrysene	21.486	228	1932341	45.051	ng	100
84) Bis(2-ethylhexyl)phtha...	21.356	149	1689063	55.661	ng	99
85) Di-n-octyl phthalate	22.274	149	2732850	49.986	ng	100
87) Indeno(1,2,3-cd)pyrene	26.309	276	2221773	46.849	ng	99
88) Benzo(b)fluoranthene	23.109	252	1936602	49.173	ng	99
89) Benzo(k)fluoranthene	23.156	252	1863308	46.448	ng	99
90) Benzo(a)pyrene	23.727	252	1677857	43.367	ng	100
91) Dibenzo(a,h)anthracene	26.321	278	1841038	46.232	ng	99
92) Benzo(g,h,i)perylene	27.068	276	1827682	46.670	ng	99

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

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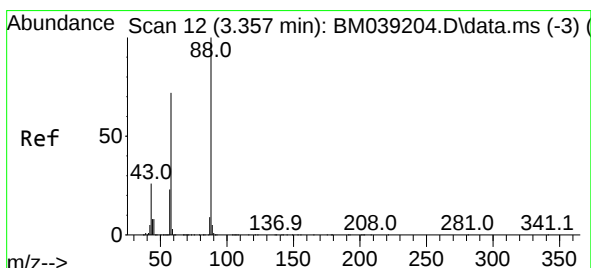
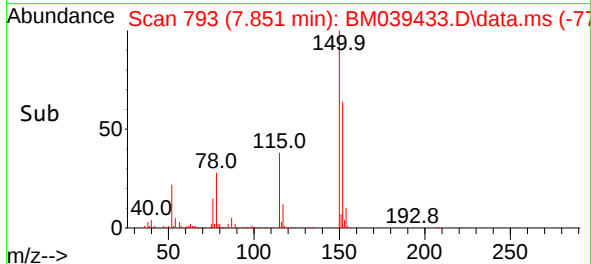
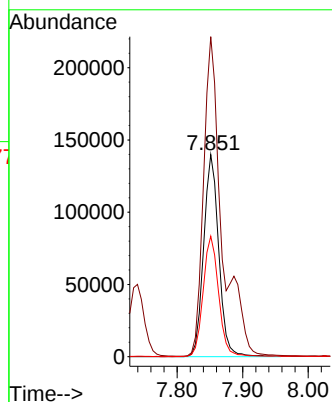
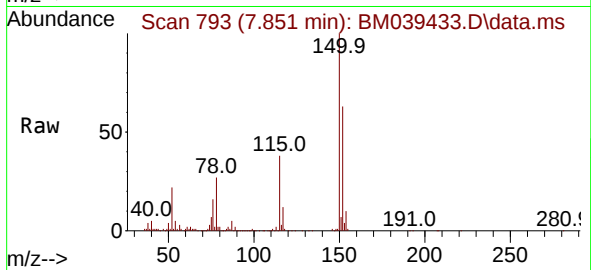




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.851 min Scan# 79
 Delta R.T. -0.012 min
 Lab File: BM039433.D
 Acq: 14 Apr 2023 14:27

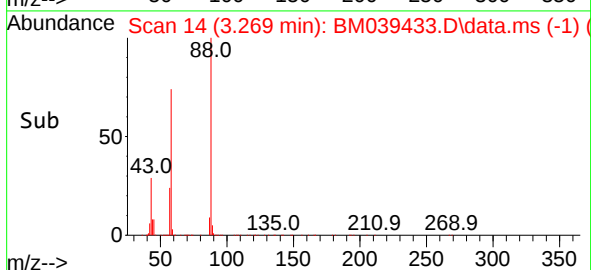
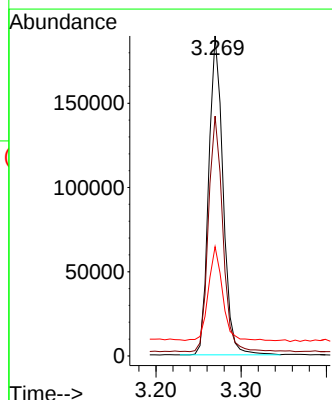
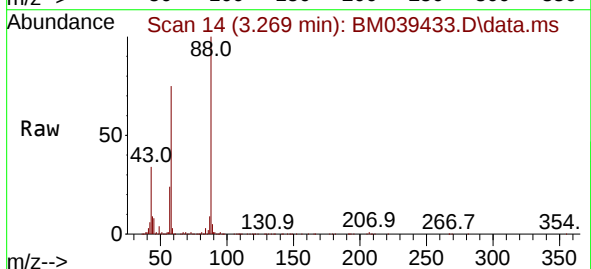
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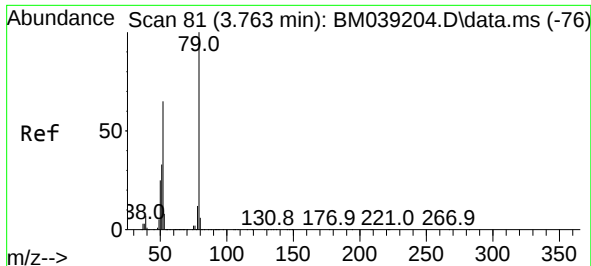
Tgt Ion:152 Resp: 224840
 Ion Ratio Lower Upper
 152 100
 150 158.4 125.5 188.3
 115 59.6 48.1 72.1



#2
 1,4-Dioxane
 Concen: 36.293 ng
 RT: 3.269 min Scan# 14
 Delta R.T. -0.012 min
 Lab File: BM039433.D
 Acq: 14 Apr 2023 14:27

Tgt Ion: 88 Resp: 221384
 Ion Ratio Lower Upper
 88 100
 58 74.1 57.9 86.9
 43 28.9 21.4 32.2

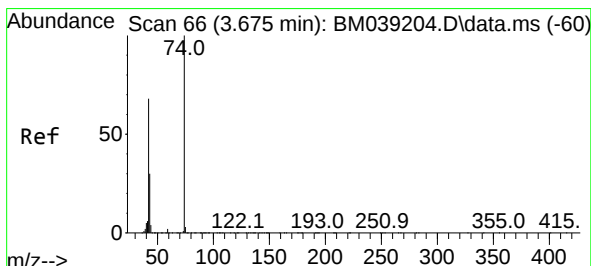
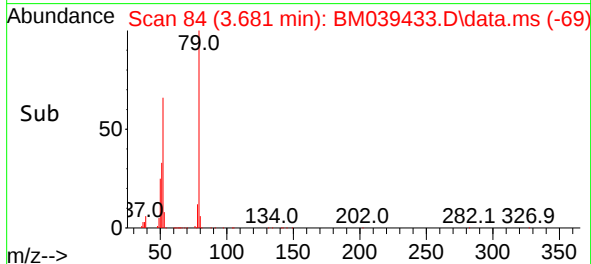
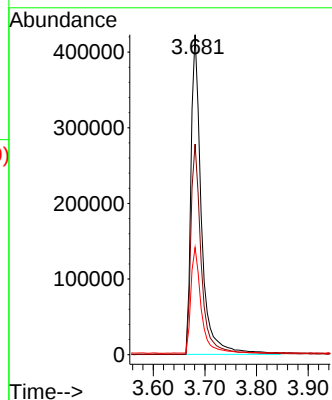
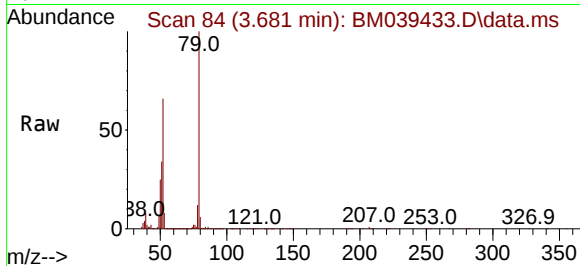




#3
 Pyridine
 Concen: 34.718 ng
 RT: 3.681 min Scan# 84
 Delta R.T. -0.012 min
 Lab File: BM039433.D
 Acq: 14 Apr 2023 14:27

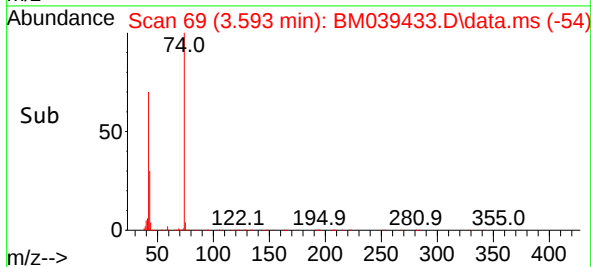
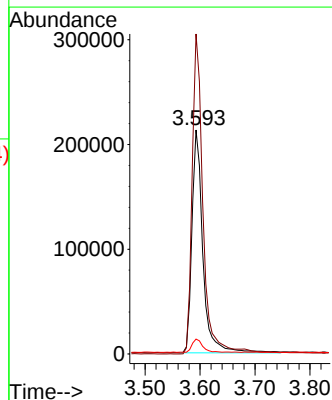
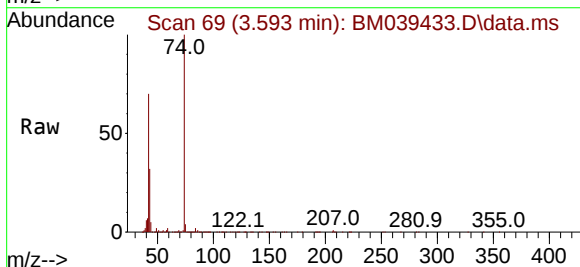
Instrument :
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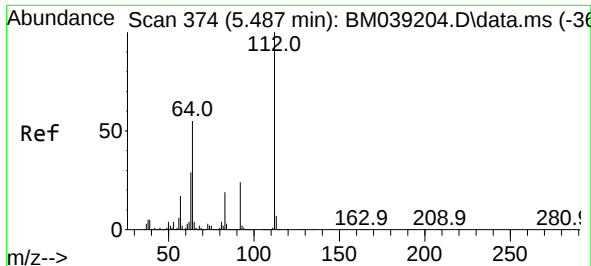
Tgt Ion: 79 Resp: 593295
 Ion Ratio Lower Upper
 79 100
 52 65.8 52.0 78.0
 51 33.5 26.4 39.6



#4
 n-Nitrosodimethylamine
 Concen: 43.812 ng
 RT: 3.593 min Scan# 69
 Delta R.T. -0.012 min
 Lab File: BM039433.D
 Acq: 14 Apr 2023 14:27

Tgt Ion: 42 Resp: 294041
 Ion Ratio Lower Upper
 42 100
 74 142.8 118.1 177.1
 44 6.6 6.3 9.5

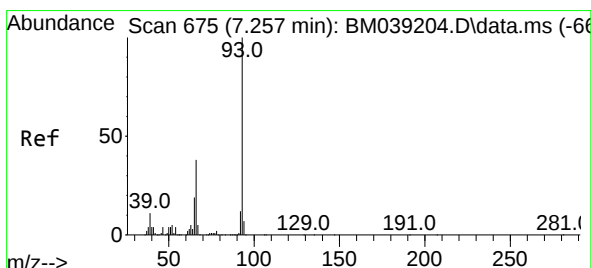
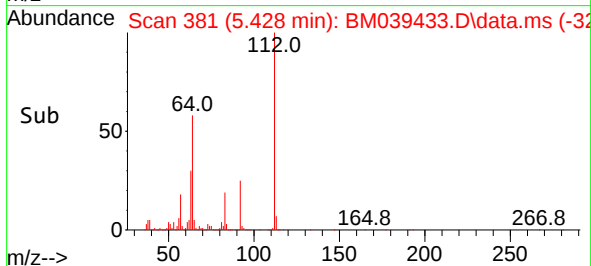
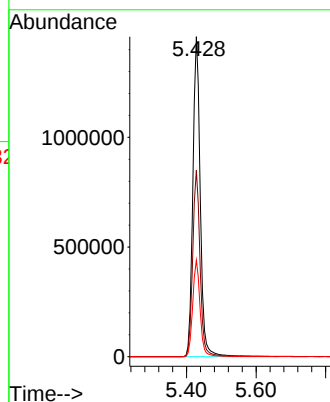
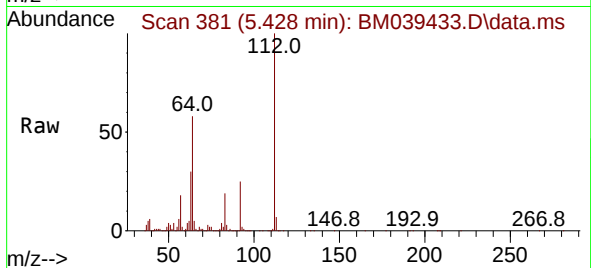




#5
2-Fluorophenol
Concen: 145.243 ng
RT: 5.428 min Scan# 374
Delta R.T. 0.006 min
Lab File: BM039433.D
Acq: 14 Apr 2023 14:27

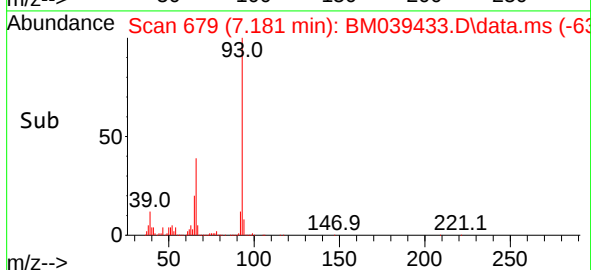
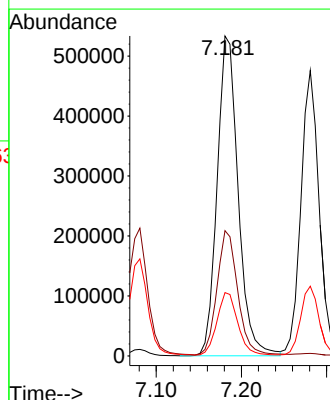
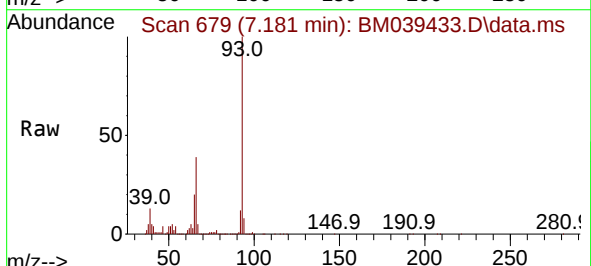
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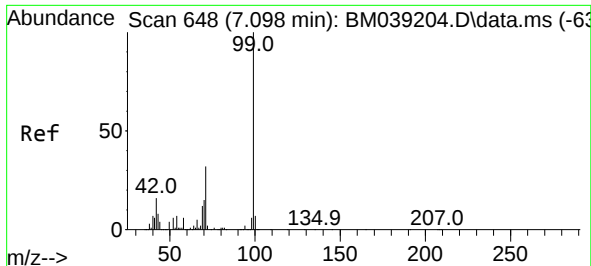
Tgt Ion:112 Resp: 2167547
Ion Ratio Lower Upper
112 100
64 58.2 44.3 66.5
63 30.1 23.0 34.6



#6
Aniline
Concen: 38.331 ng
RT: 7.181 min Scan# 679
Delta R.T. -0.012 min
Lab File: BM039433.D
Acq: 14 Apr 2023 14:27

Tgt Ion: 93 Resp: 915747
Ion Ratio Lower Upper
93 100
66 39.2 30.1 45.1
65 19.8 15.5 23.3



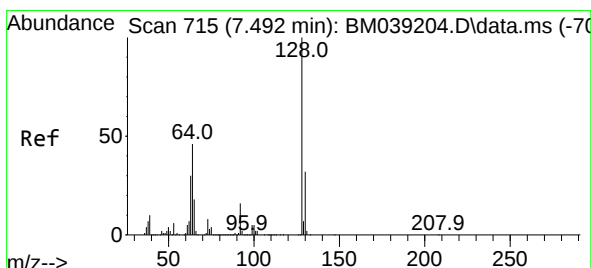
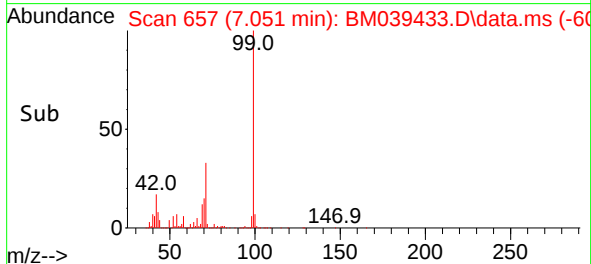
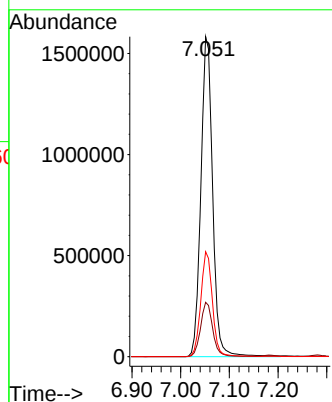
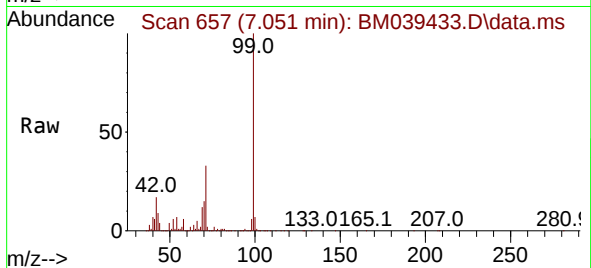


#7
Phenol-d6
Concen: 137.949 ng
RT: 7.051 min Scan# 61
Delta R.T. 0.018 min
Lab File: BM039433.D
Acq: 14 Apr 2023 14:27

Instrument :
BNA_M
ClientSampleId :
PB152106BS

Tgt Ion: 99 Resp: 2662768

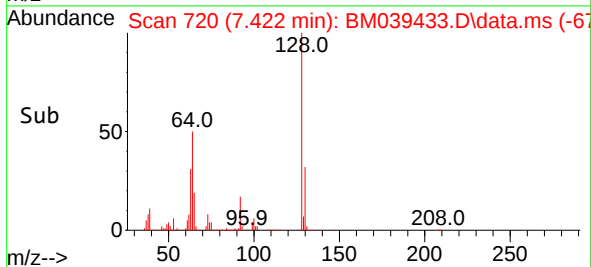
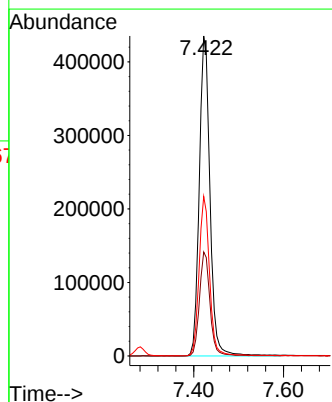
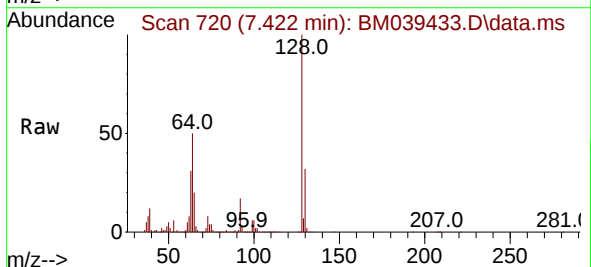
Ion	Ratio	Lower	Upper
99	100		
42	17.0	13.0	19.6
71	32.8	25.5	38.3

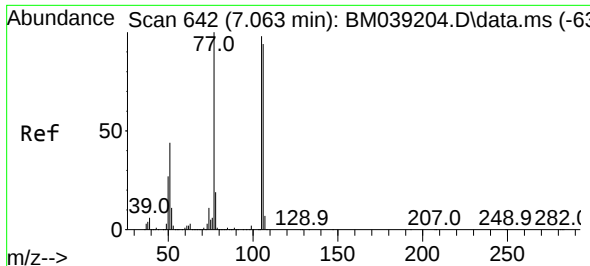


#8
2-Chlorophenol
Concen: 47.129 ng
RT: 7.422 min Scan# 720
Delta R.T. -0.006 min
Lab File: BM039433.D
Acq: 14 Apr 2023 14:27

Tgt Ion: 128 Resp: 719881

Ion	Ratio	Lower	Upper
128	100		
130	32.5	12.2	52.2
64	49.9	25.9	65.9

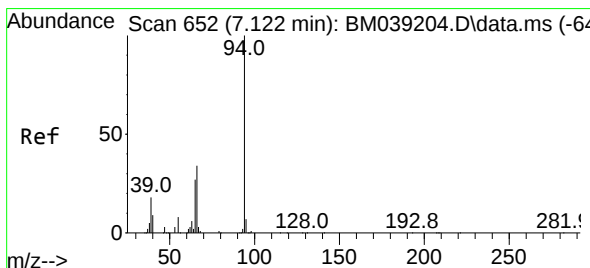
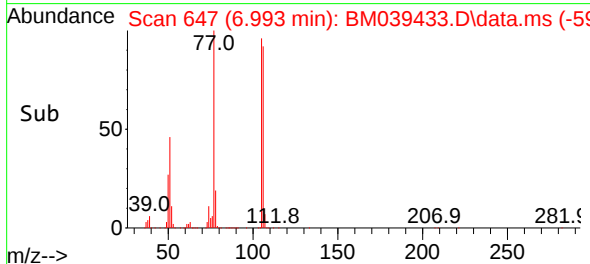
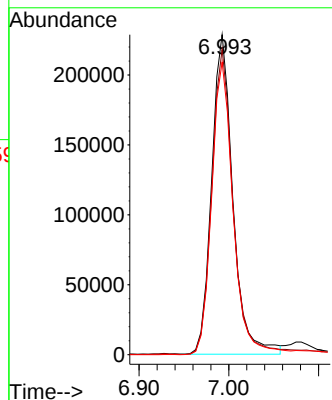
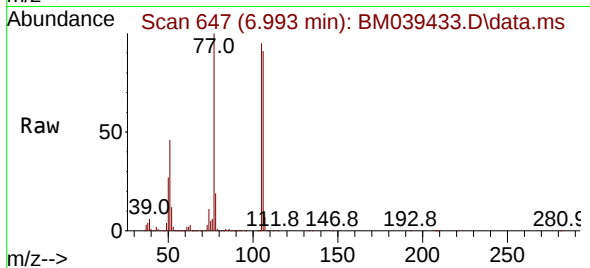




#9
Benzaldehyde
Concen: 34.160 ng
RT: 6.993 min Scan# 642
Delta R.T. -0.012 min
Lab File: BM039433.D
Acq: 14 Apr 2023 14:27

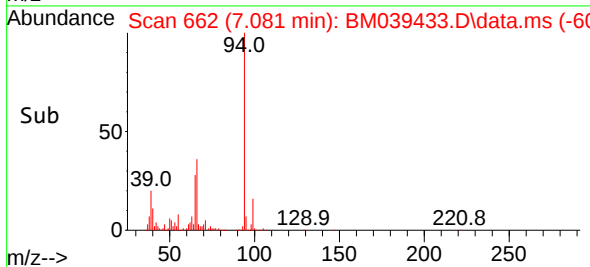
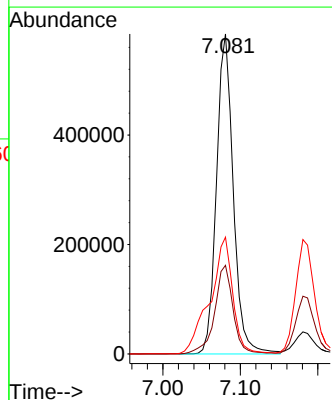
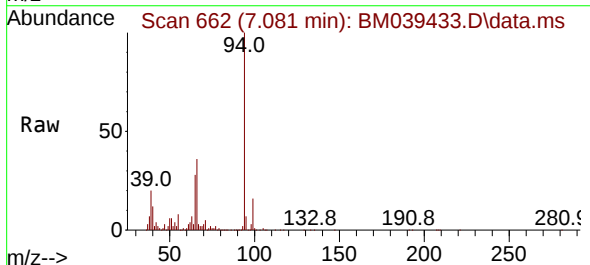
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ClientSampleId :
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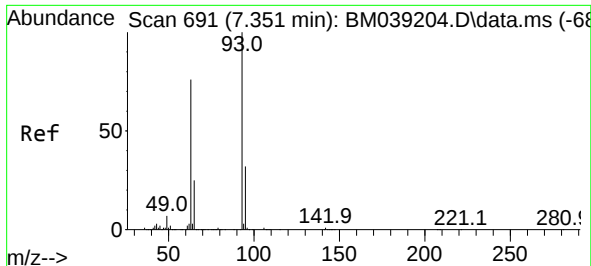
Tgt Ion: 77 Resp: 375505
Ion Ratio Lower Upper
77 100
105 95.4 78.2 118.2
106 91.4 73.8 113.8



#10
Phenol
Concen: 45.484 ng
RT: 7.081 min Scan# 662
Delta R.T. 0.018 min
Lab File: BM039433.D
Acq: 14 Apr 2023 14:27

Tgt Ion: 94 Resp: 879834
Ion Ratio Lower Upper
94 100
65 27.7 7.2 47.2
66 36.5 15.2 55.2

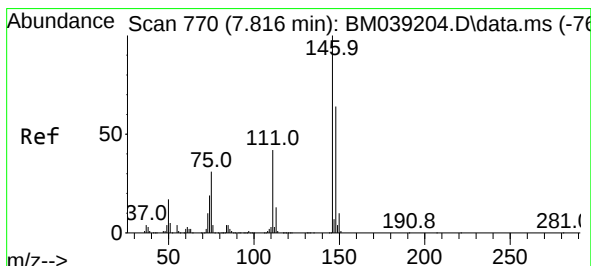
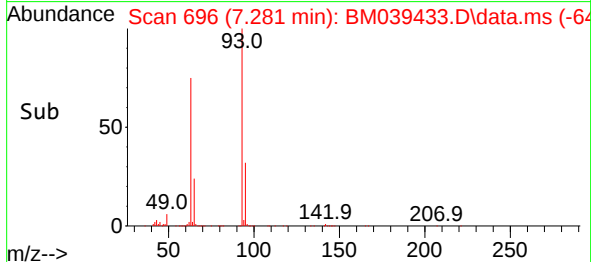
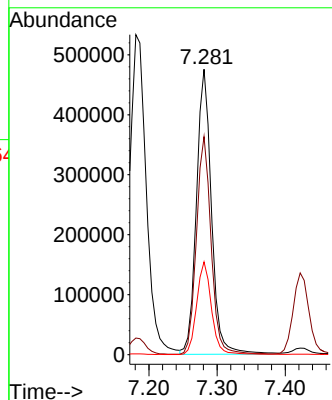
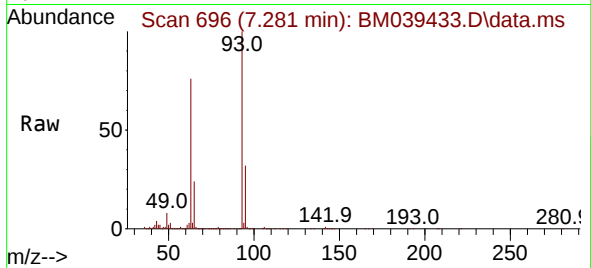




#11
bis(2-Chloroethyl)ether
Concen: 46.625 ng
RT: 7.281 min Scan# 691
Delta R.T. -0.006 min
Lab File: BM039433.D
Acq: 14 Apr 2023 14:27

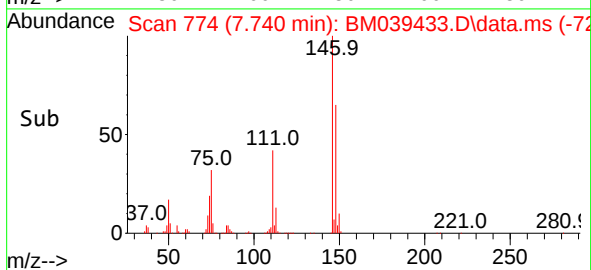
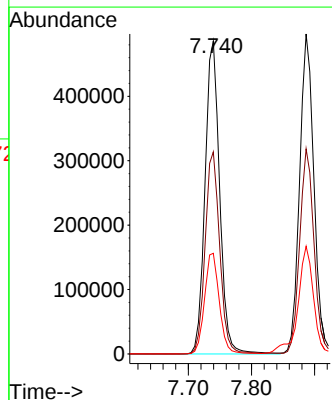
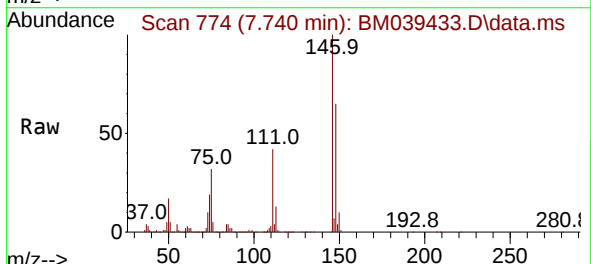
Instrument :
BNA_M
ClientSampleId :
PB152106BS

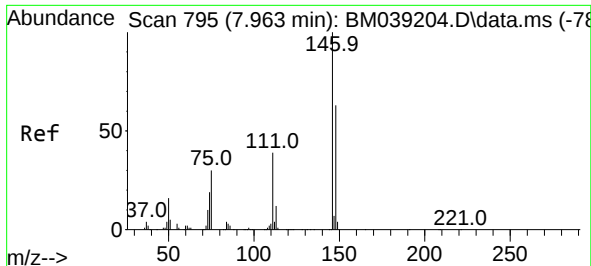
Tgt Ion: 93 Resp: 725569
Ion Ratio Lower Upper
93 100
63 76.4 55.5 95.5
95 32.5 12.2 52.2



#12
1,3-Dichlorobenzene
Concen: 48.297 ng
RT: 7.740 min Scan# 774
Delta R.T. -0.006 min
Lab File: BM039433.D
Acq: 14 Apr 2023 14:27

Tgt Ion: 146 Resp: 782354
Ion Ratio Lower Upper
146 100
148 64.5 51.2 76.8
75 32.1 25.2 37.8

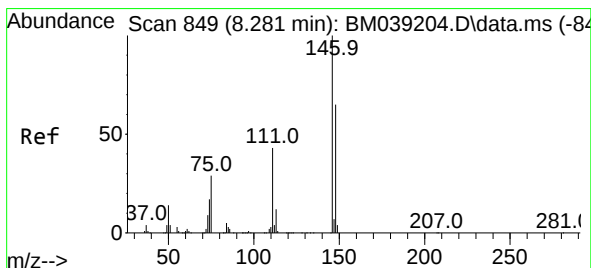
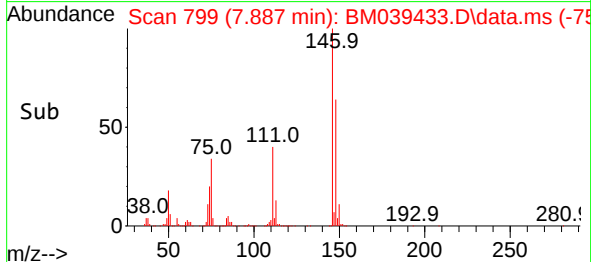
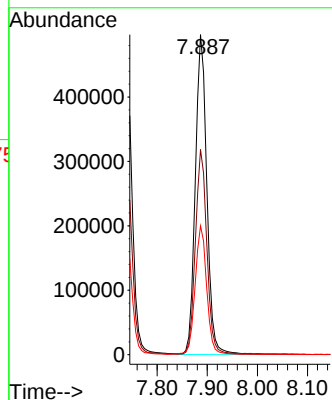
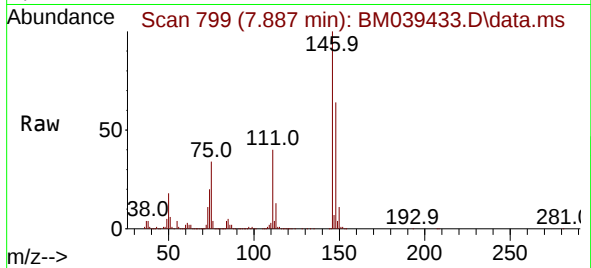




#13
1,4-Dichlorobenzene
Concen: 48.194 ng
RT: 7.887 min Scan# 795
Delta R.T. -0.012 min
Lab File: BM039433.D
Acq: 14 Apr 2023 14:27

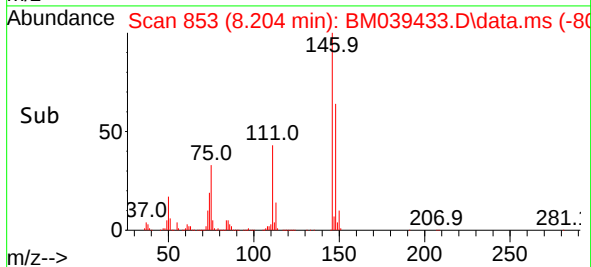
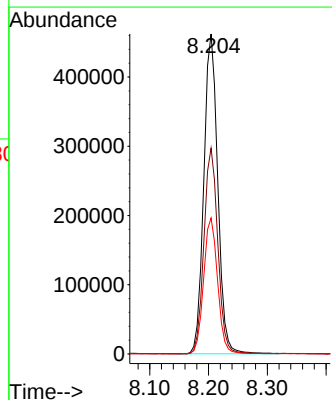
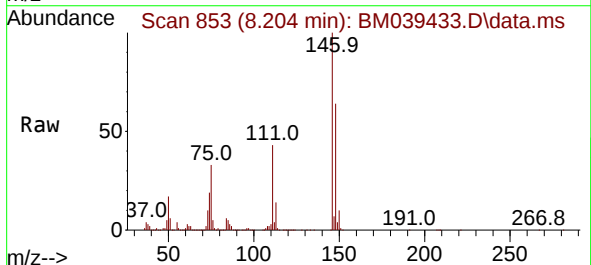
Instrument :
BNA_M
ClientSampleId :
PB152106BS

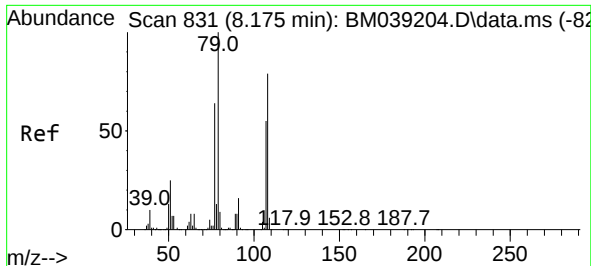
Tgt Ion:146 Resp: 789386
Ion Ratio Lower Upper
146 100
148 64.1 50.8 76.2
111 40.3 31.5 47.3



#14
1,2-Dichlorobenzene
Concen: 48.649 ng
RT: 8.204 min Scan# 853
Delta R.T. -0.012 min
Lab File: BM039433.D
Acq: 14 Apr 2023 14:27

Tgt Ion:146 Resp: 761952
Ion Ratio Lower Upper
146 100
148 64.3 52.1 78.1
111 42.5 34.5 51.7

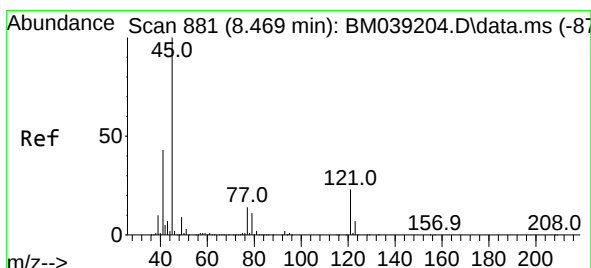
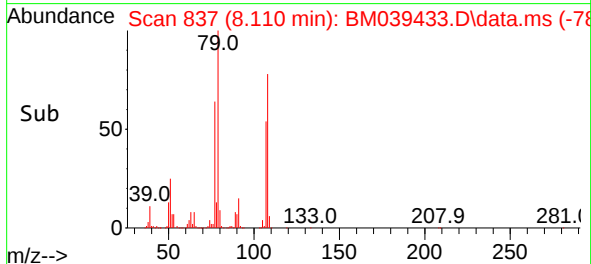
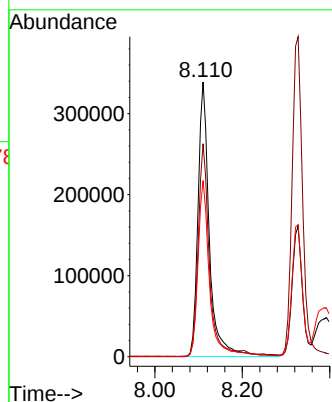
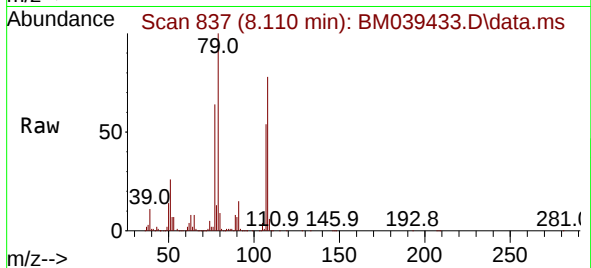




#15
Benzyl Alcohol
Concen: 46.407 ng
RT: 8.110 min Scan# 811
Delta R.T. 0.000 min
Lab File: BM039433.D
Acq: 14 Apr 2023 14:27

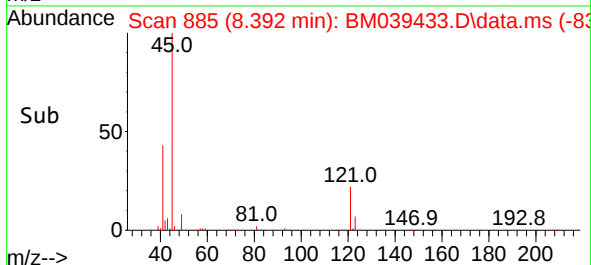
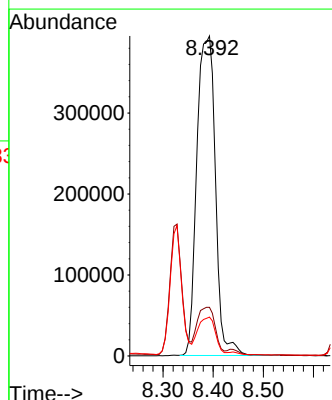
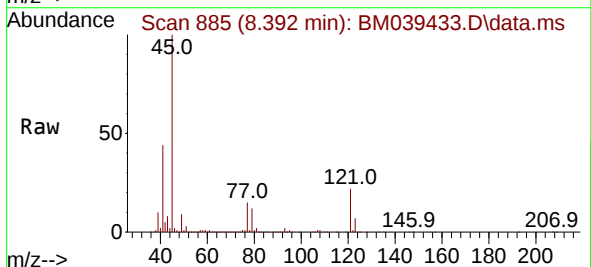
Instrument :
BNA_M
ClientSampleId :
PB152106BS

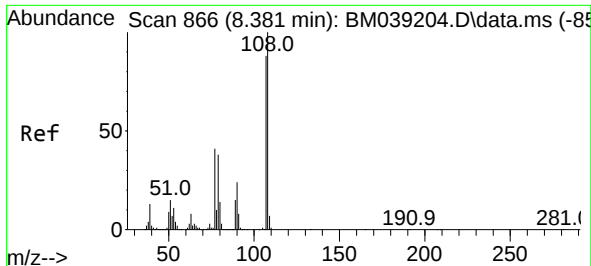
Tgt Ion: 79 Resp: 616112
Ion Ratio Lower Upper
79 100
108 77.5 63.4 95.0
77 64.1 51.5 77.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 50.869 ng
RT: 8.392 min Scan# 885
Delta R.T. -0.012 min
Lab File: BM039433.D
Acq: 14 Apr 2023 14:27

Tgt Ion: 45 Resp: 1012524
Ion Ratio Lower Upper
45 100
77 15.2 0.0 35.1
79 12.2 0.0 32.2



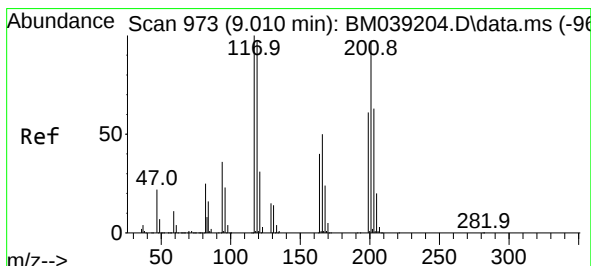
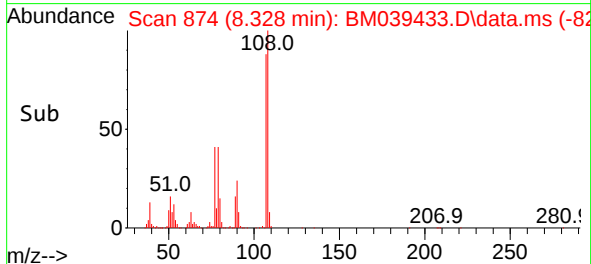
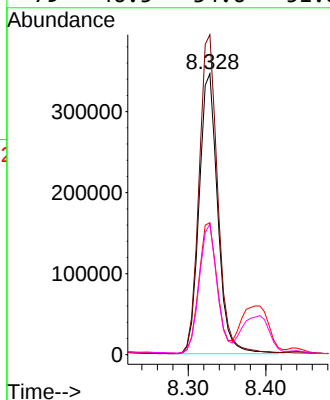
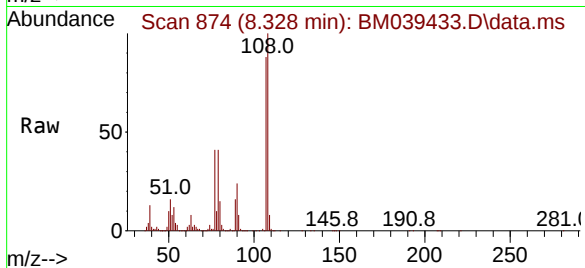


#17
2-Methylphenol
Concen: 42.524 ng
RT: 8.328 min Scan# 81
Delta R.T. 0.012 min
Lab File: BM039433.D
Acq: 14 Apr 2023 14:27

Instrument :
BNA_M
ClientSampleId :
PB152106BS

Tgt Ion:107 Resp: 575507

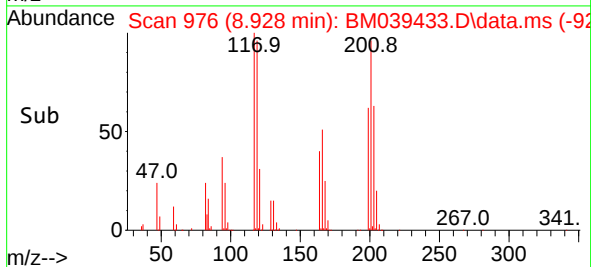
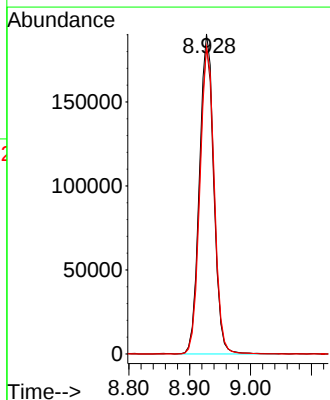
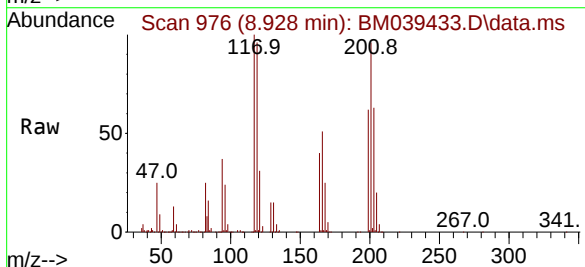
Ion	Ratio	Lower	Upper
107	100		
108	113.9	90.6	136.0
77	47.0	37.0	55.4
79	46.5	34.6	51.8

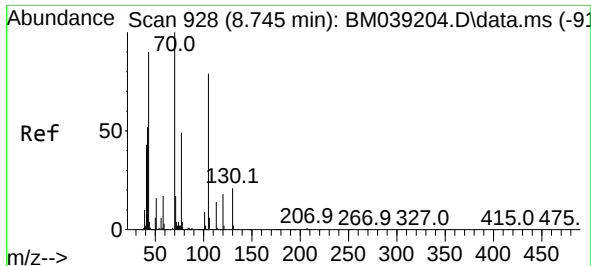


#18
Hexachloroethane
Concen: 49.509 ng
RT: 8.928 min Scan# 976
Delta R.T. -0.012 min
Lab File: BM039433.D
Acq: 14 Apr 2023 14:27

Tgt Ion:117 Resp: 313683

Ion	Ratio	Lower	Upper
117	100		
119	96.1	77.8	116.8
201	96.1	77.3	115.9

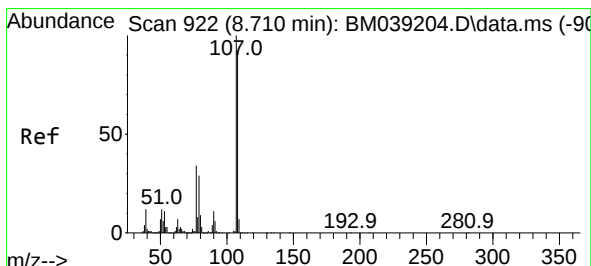
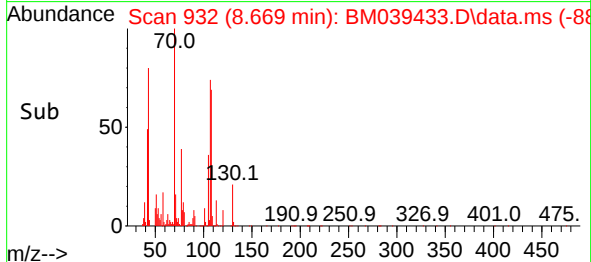
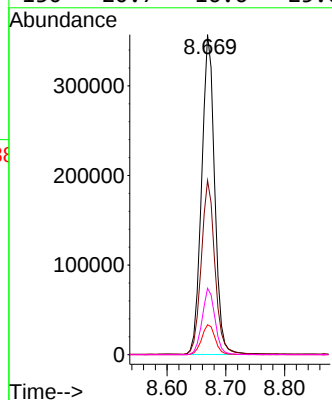
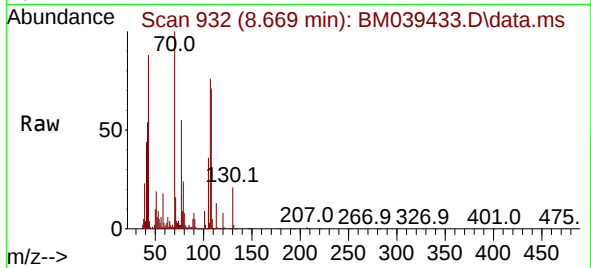




#19
n-Nitroso-di-n-propylamine
Concen: 44.677 ng
RT: 8.669 min Scan# 91
Delta R.T. -0.012 min
Lab File: BM039433.D
Acq: 14 Apr 2023 14:27

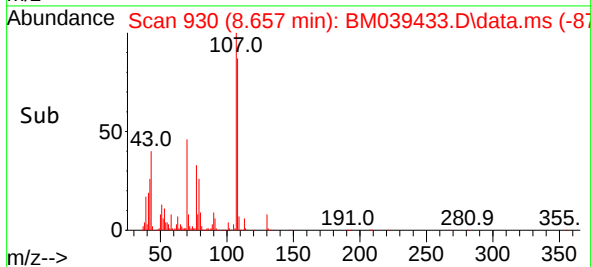
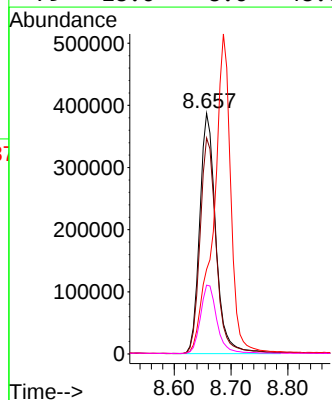
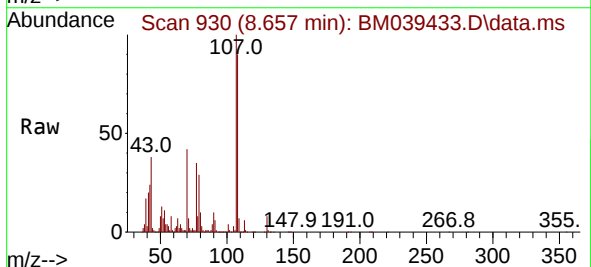
Instrument :
BNA_M
ClientSampleId :
PB152106BS

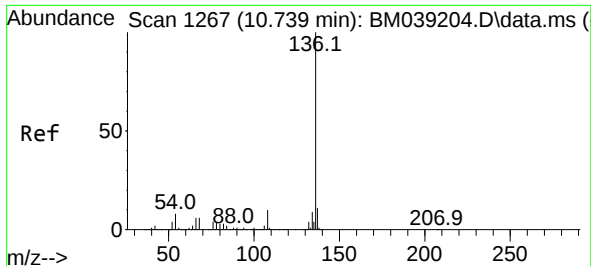
Tgt Ion: 70 Resp: 551270
Ion Ratio Lower Upper
70 100
42 54.5 42.2 63.2
101 9.4 7.6 11.4
130 20.7 16.6 25.0



#20
3+4-Methylphenols
Concen: 42.107 ng
RT: 8.657 min Scan# 930
Delta R.T. 0.006 min
Lab File: BM039433.D
Acq: 14 Apr 2023 14:27

Tgt Ion: 107 Resp: 765760
Ion Ratio Lower Upper
107 100
108 89.7 72.1 112.1
77 35.2 13.7 53.7
79 28.6 8.6 48.6

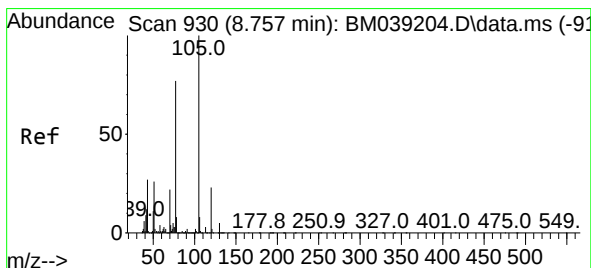
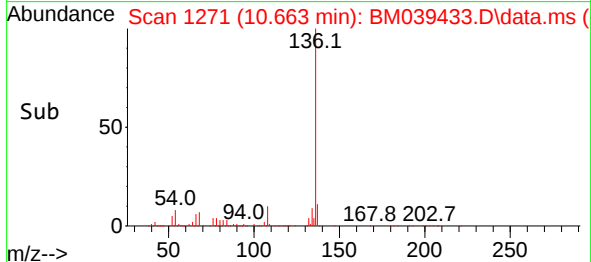
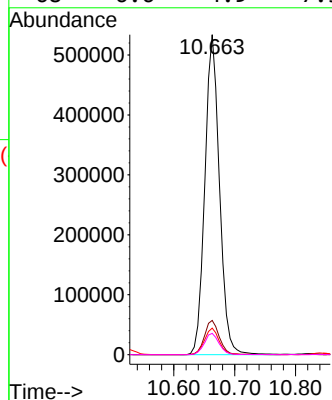
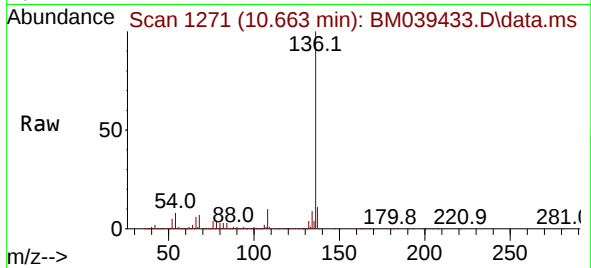




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.663 min Scan# 1271
Delta R.T. -0.012 min
Lab File: BM039433.D
Acq: 14 Apr 2023 14:27

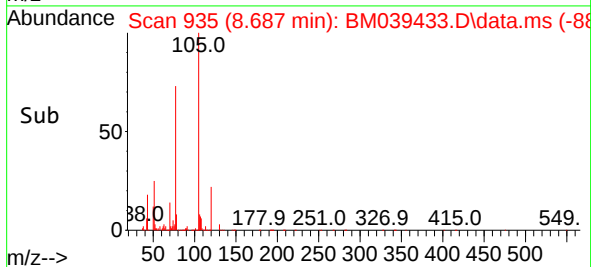
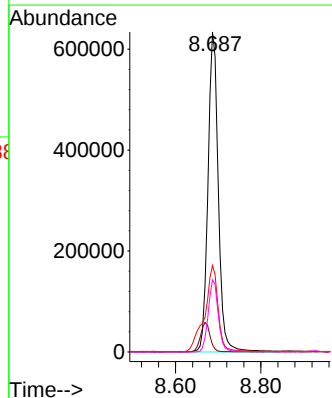
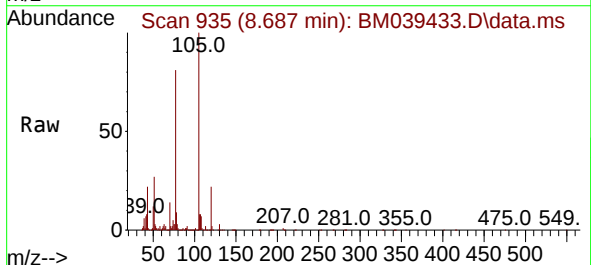
Instrument :
BNA_M
ClientSampleId :
PB152106BS

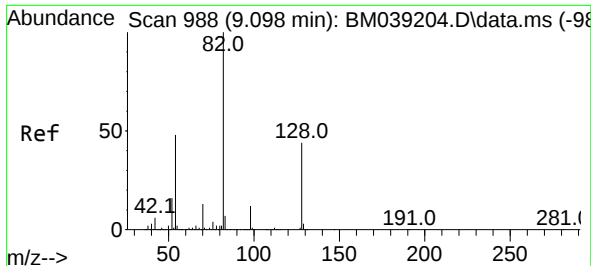
Tgt Ion:	136	Resp:	889758
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	8.3	6.2	9.4
68	6.6	4.9	7.3



#22
Acetophenone
Concen: 44.935 ng
RT: 8.687 min Scan# 935
Delta R.T. -0.012 min
Lab File: BM039433.D
Acq: 14 Apr 2023 14:27

Tgt Ion:	105	Resp:	1068991
Ion	Ratio	Lower	Upper
105	100		
71	2.2	2.8	4.2#
51	27.1	20.6	31.0
120	22.5	18.0	27.0

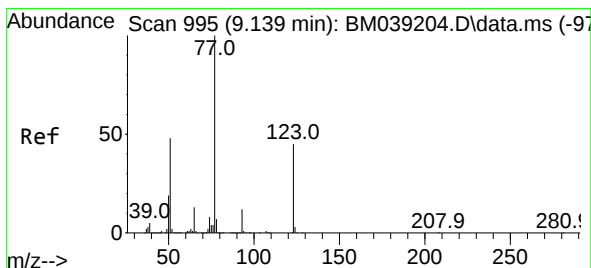
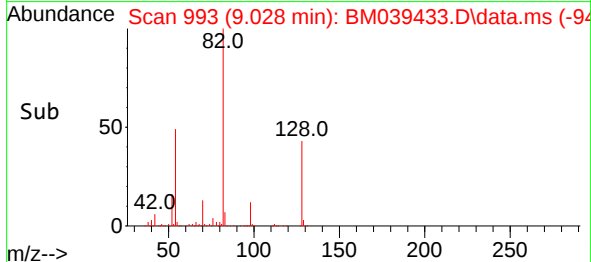
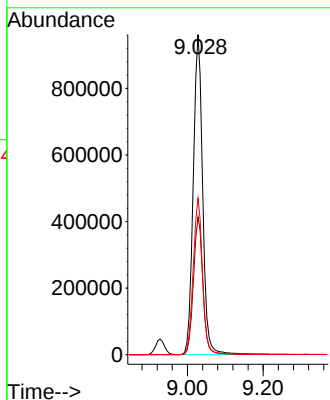
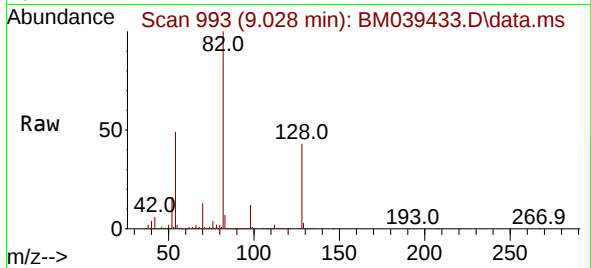




#23
Nitrobenzene-d5
Concen: 91.555 ng
RT: 9.028 min Scan# 91
Delta R.T. -0.006 min
Lab File: BM039433.D
Acq: 14 Apr 2023 14:27

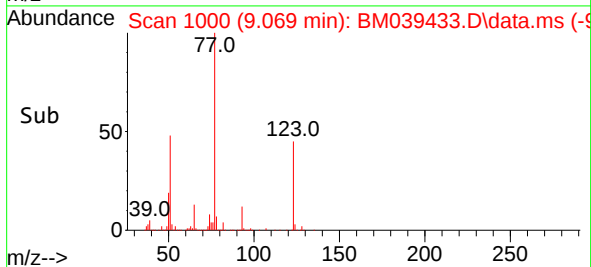
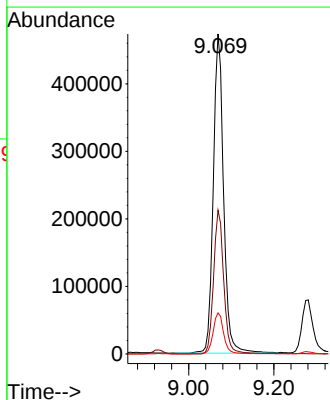
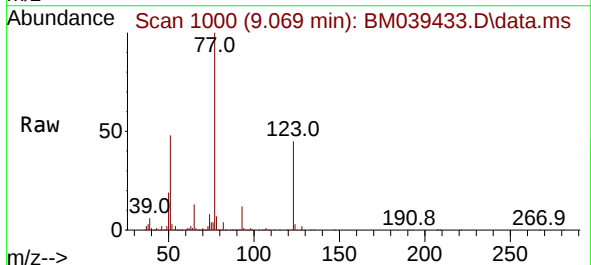
Instrument :
BNA_M
ClientSampleId :
PB152106BS

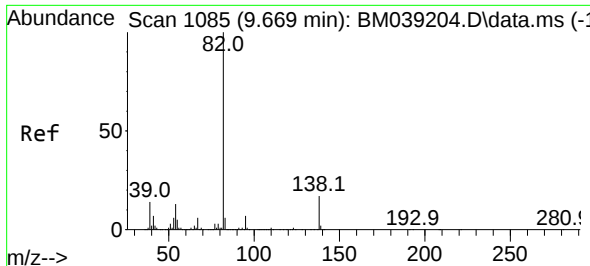
Tgt Ion: 82 Resp: 1676079
Ion Ratio Lower Upper
82 100
128 43.0 35.1 52.7
54 48.8 38.5 57.7



#24
Nitrobenzene
Concen: 43.634 ng
RT: 9.069 min Scan# 1000
Delta R.T. -0.006 min
Lab File: BM039433.D
Acq: 14 Apr 2023 14:27

Tgt Ion: 77 Resp: 794535
Ion Ratio Lower Upper
77 100
123 44.9 36.2 54.2
65 12.9 10.6 15.8

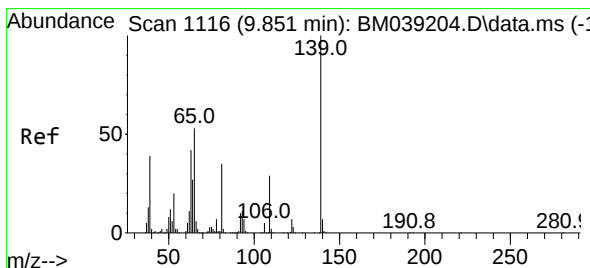
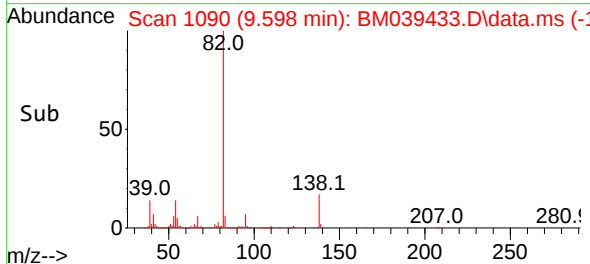
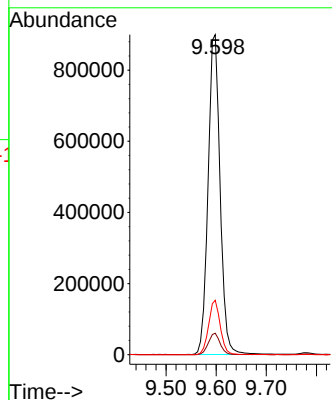
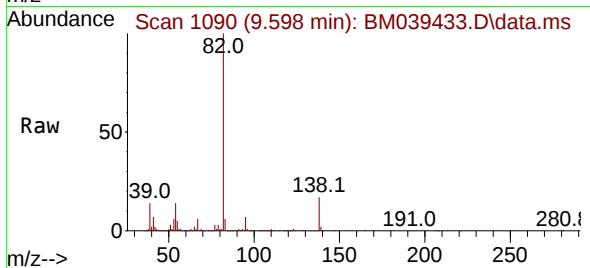




#25
Isophorone
Concen: 43.881 ng
RT: 9.598 min Scan# 1085
Delta R.T. -0.006 min
Lab File: BM039433.D
Acq: 14 Apr 2023 14:27

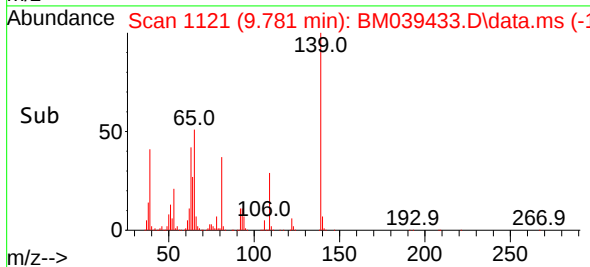
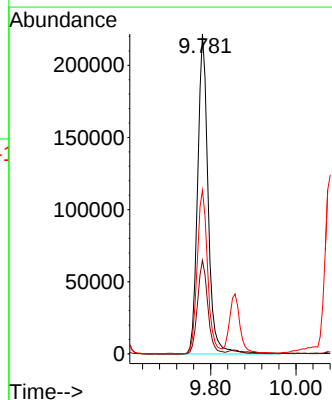
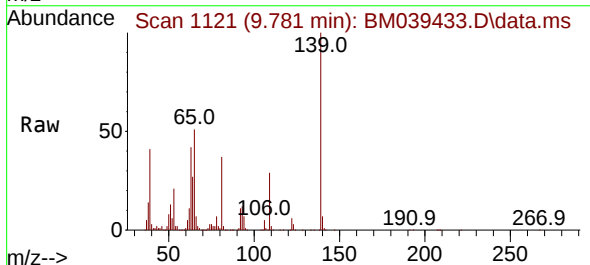
Instrument :
BNA_M
ClientSampleId :
PB152106BS

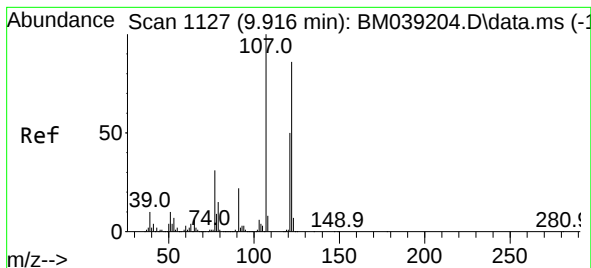
Tgt Ion: 82 Resp: 1498662
Ion Ratio Lower Upper
82 100
95 6.7 5.2 7.8
138 17.0 13.5 20.3



#26
2-Nitrophenol
Concen: 45.043 ng
RT: 9.781 min Scan# 1121
Delta R.T. -0.012 min
Lab File: BM039433.D
Acq: 14 Apr 2023 14:27

Tgt Ion:139 Resp: 379147
Ion Ratio Lower Upper
139 100
109 29.2 23.4 35.0
65 51.2 42.2 63.2





#27

2,4-Dimethylphenol

Concen: 45.297 ng

RT: 9.857 min Scan# 1127

Delta R.T. 0.000 min

Lab File: BM039433.D

Acq: 14 Apr 2023 14:27

Instrument :

BNA_M

ClientSampleId :

PB152106BS

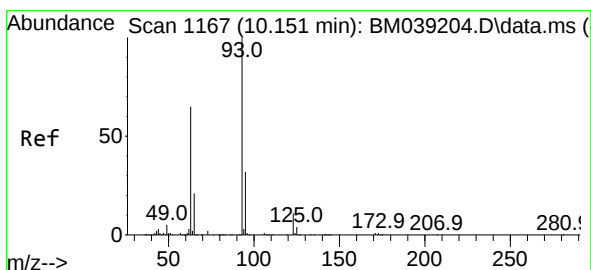
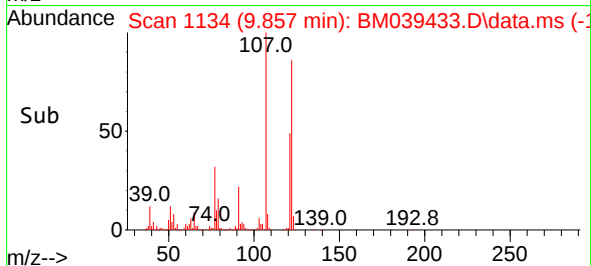
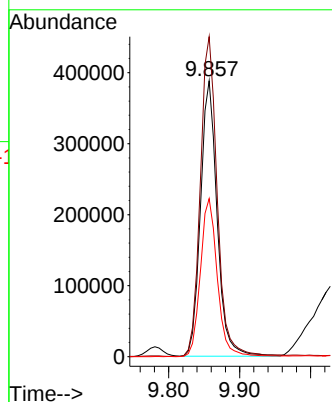
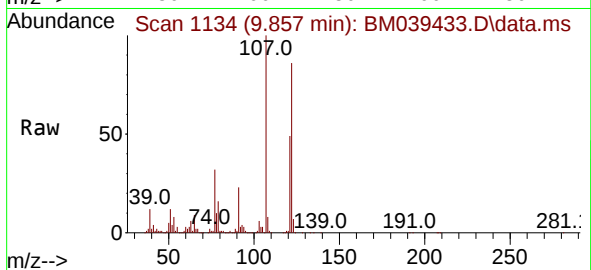
Tgt Ion:122 Resp: 633498

Ion Ratio Lower Upper

122 100

107 116.0 92.3 138.5

121 57.3 46.3 69.5



#28

bis(2-Chloroethoxy)methane

Concen: 44.800 ng

RT: 10.081 min Scan# 1172

Delta R.T. -0.006 min

Lab File: BM039433.D

Acq: 14 Apr 2023 14:27

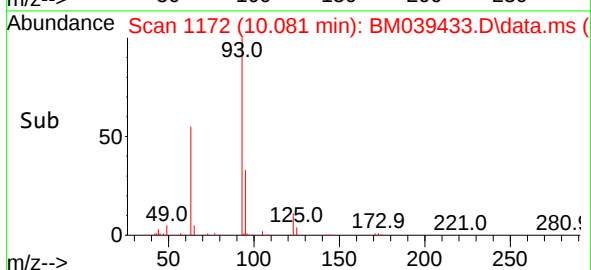
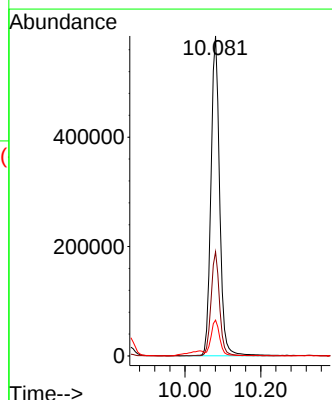
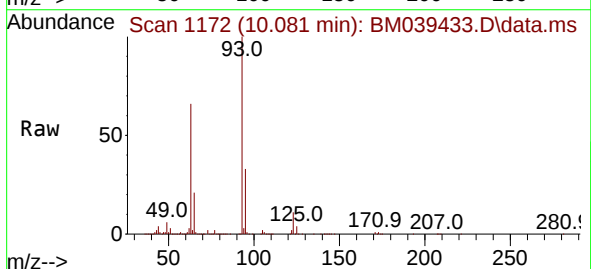
Tgt Ion: 93 Resp: 926191

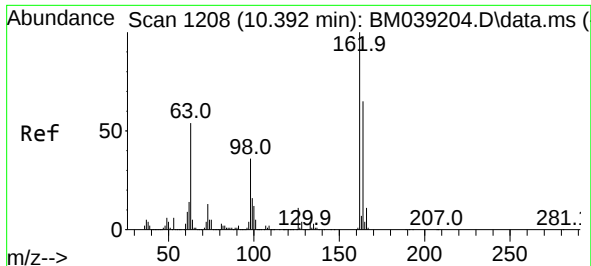
Ion Ratio Lower Upper

93 100

95 32.5 25.8 38.8

123 11.2 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 45.453 ng

RT: 10.328 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM039433.D

Acq: 14 Apr 2023 14:27

Instrument :

BNA_M

ClientSampleId :

PB152106BS

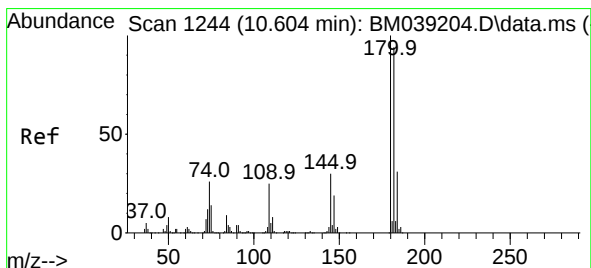
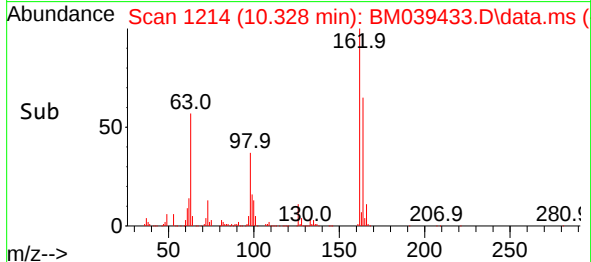
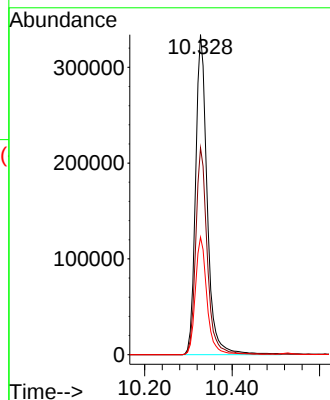
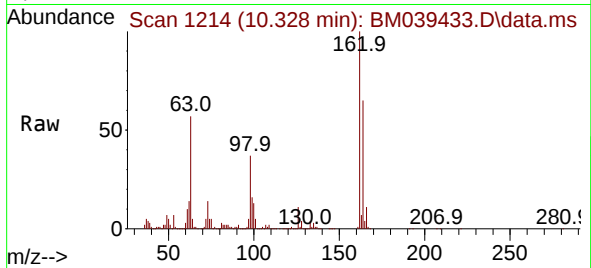
Tgt Ion:162 Resp: 620228

Ion Ratio Lower Upper

162 100

164 64.7 44.8 84.8

98 36.7 16.0 56.0



#30

1,2,4-Trichlorobenzene

Concen: 47.022 ng

RT: 10.528 min Scan# 1248

Delta R.T. -0.006 min

Lab File: BM039433.D

Acq: 14 Apr 2023 14:27

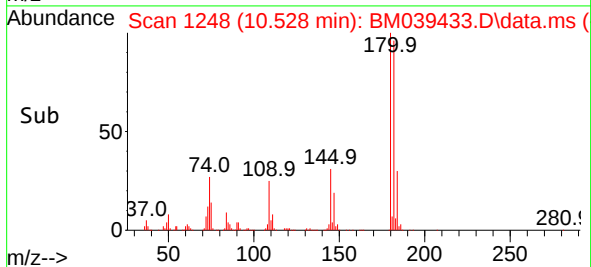
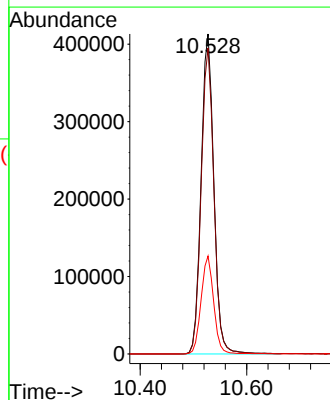
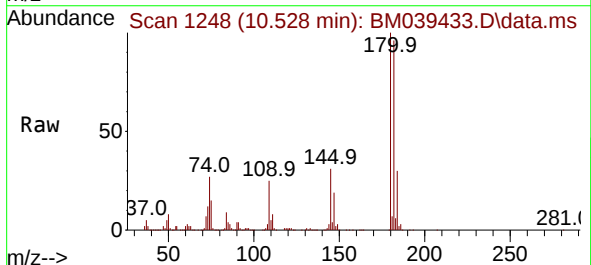
Tgt Ion:180 Resp: 686448

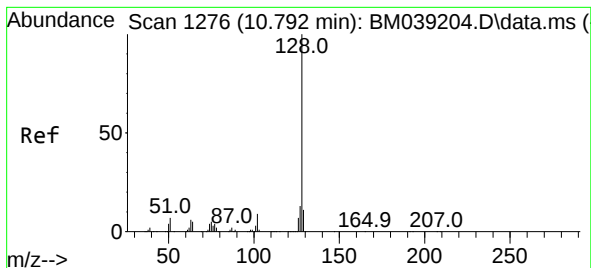
Ion Ratio Lower Upper

180 100

182 95.6 75.2 112.8

145 30.6 23.9 35.9





#31

Naphthalene

Concen: 44.352 ng

RT: 10.716 min Scan# 1165

Delta R.T. -0.006 min

Lab File: BM039433.D

Acq: 14 Apr 2023 14:27

Instrument :

BNA_M

ClientSampleId :

PB152106BS

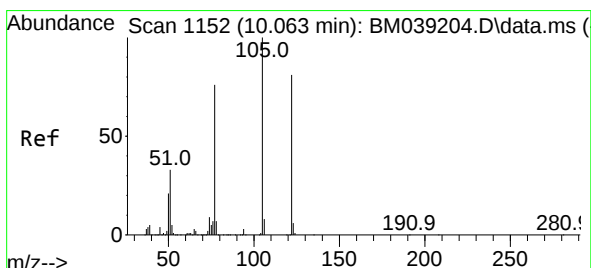
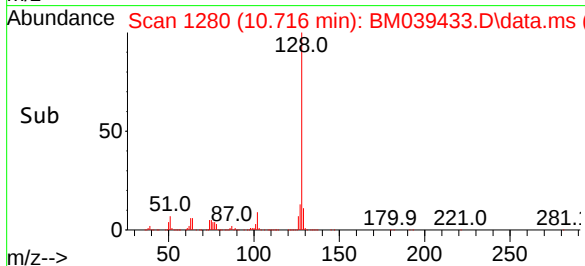
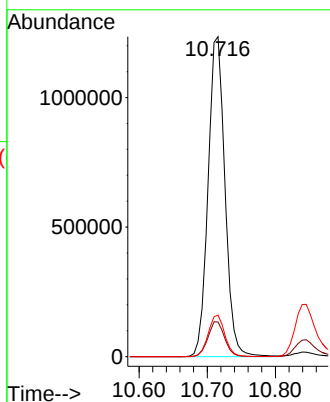
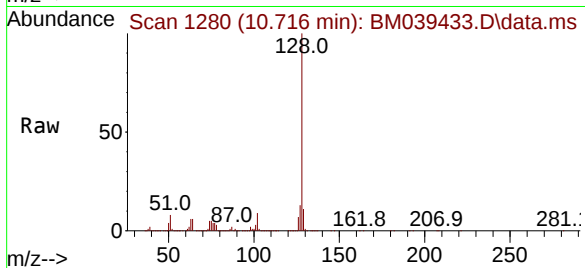
Tgt Ion:128 Resp: 2126392

Ion Ratio Lower Upper

128 100

129 10.9 8.6 13.0

127 13.0 10.3 15.5



#32

Benzoic acid

Concen: 35.861 ng

RT: 10.039 min Scan# 1165

Delta R.T. 0.024 min

Lab File: BM039433.D

Acq: 14 Apr 2023 14:27

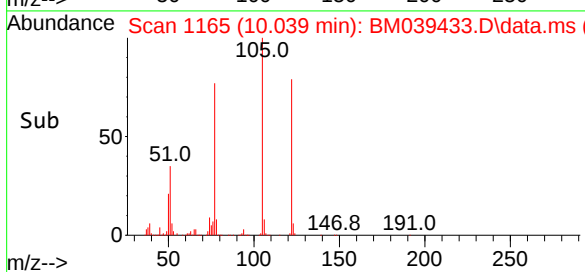
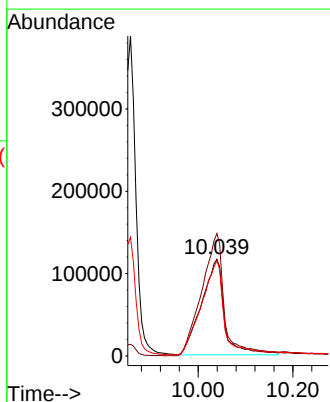
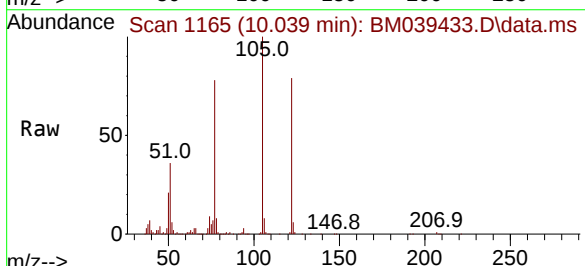
Tgt Ion:122 Resp: 390899

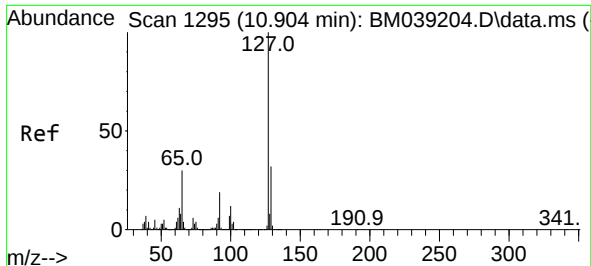
Ion Ratio Lower Upper

122 100

105 126.6 103.1 143.1

77 98.4 74.6 114.6

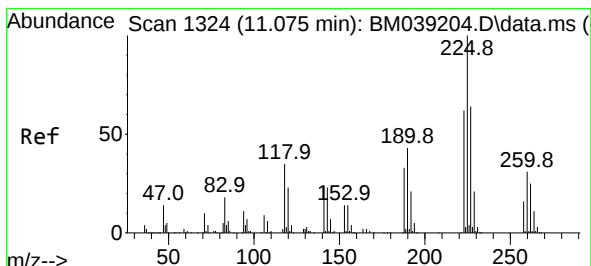
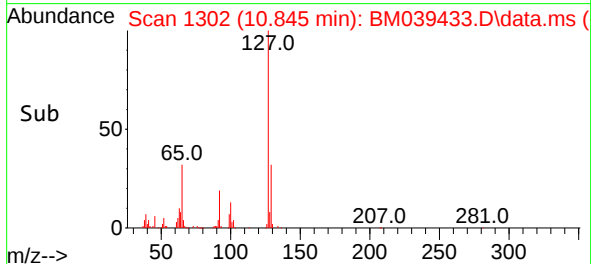
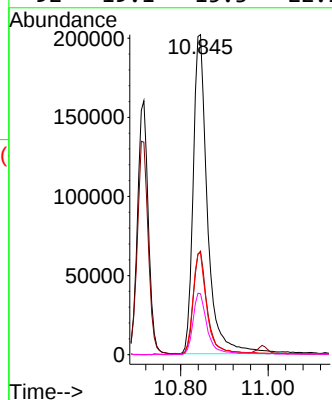
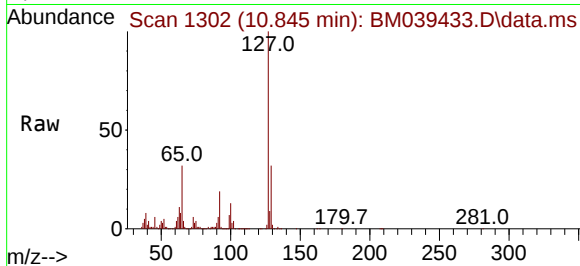




#33
4-Chloroaniline
Concen: 21.936 ng
RT: 10.845 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM039433.D
Acq: 14 Apr 2023 14:27

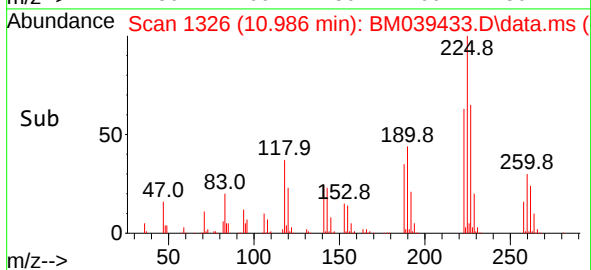
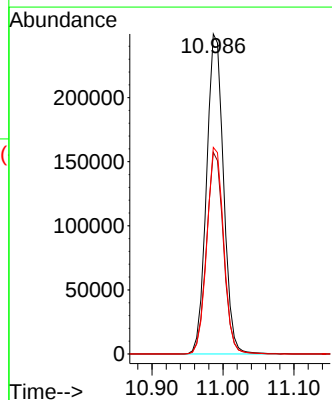
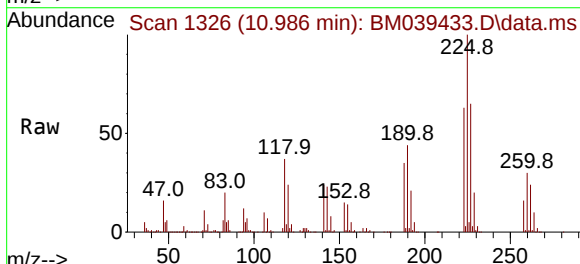
Instrument :
BNA_M
ClientSampleId :
PB152106BS

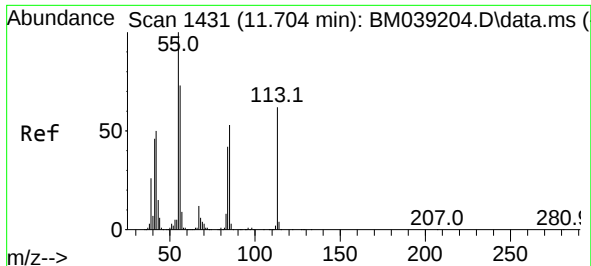
Tgt Ion:127	Resp: 460754
Ion Ratio	Lower Upper
127 100	
129 32.3	25.7 38.5
65 31.8	24.1 36.1
92 19.1	15.3 22.9



#34
Hexachlorobutadiene
Concen: 48.329 ng
RT: 10.986 min Scan# 1326
Delta R.T. -0.018 min
Lab File: BM039433.D
Acq: 14 Apr 2023 14:27

Tgt	Ion:225	Resp:	414861
Ion	Ratio	Lower	Upper
225	100		
223	63.0	49.8	74.6
227	64.6	51.6	77.4

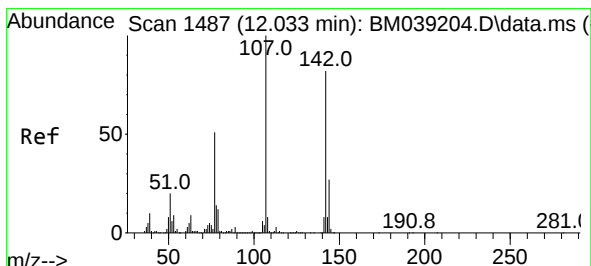
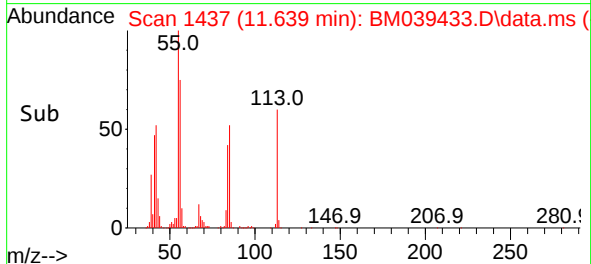
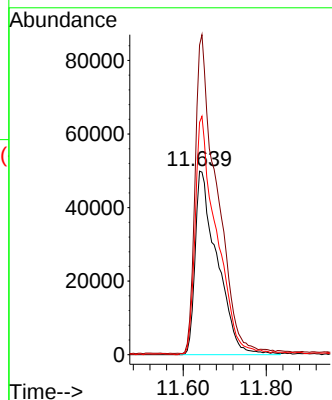
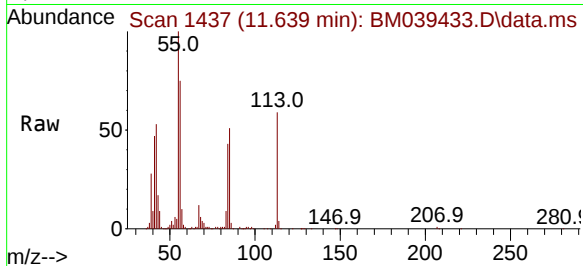




#35
Caprolactam
Concen: 38.576 ng
RT: 11.639 min Scan# 1431
Delta R.T. -0.012 min
Lab File: BM039433.D
Acq: 14 Apr 2023 14:27

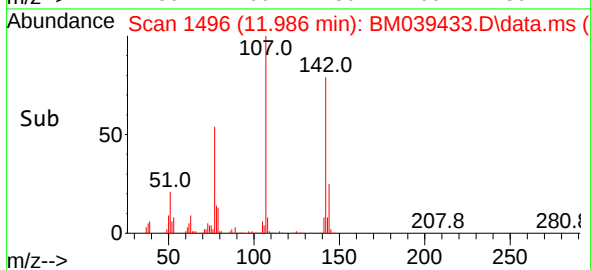
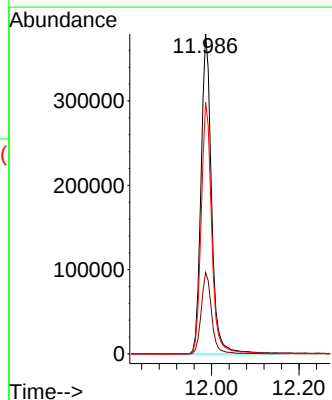
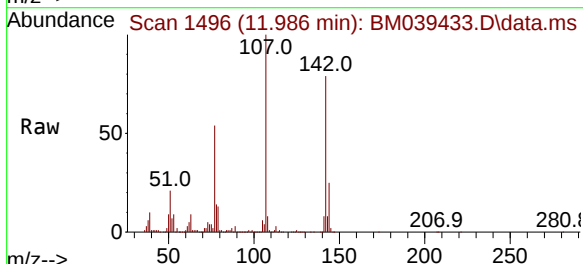
Instrument :
BNA_M
ClientSampleId :
PB152106BS

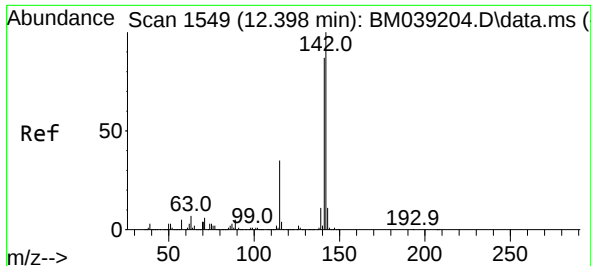
Tgt Ion:113 Resp: 182773
Ion Ratio Lower Upper
113 100
55 168.7 141.8 181.8
56 126.7 98.3 138.3



#36
4-Chloro-3-methylphenol
Concen: 42.411 ng
RT: 11.986 min Scan# 1496
Delta R.T. 0.012 min
Lab File: BM039433.D
Acq: 14 Apr 2023 14:27

Tgt Ion:107 Resp: 638500
Ion Ratio Lower Upper
107 100
144 25.5 21.4 32.2
142 78.7 65.2 97.8

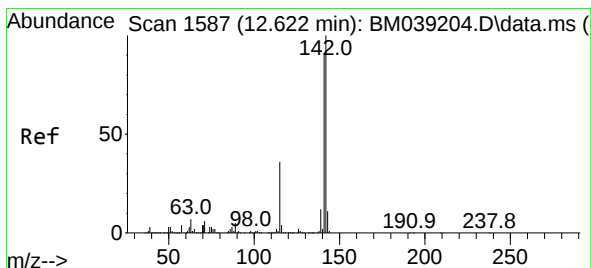
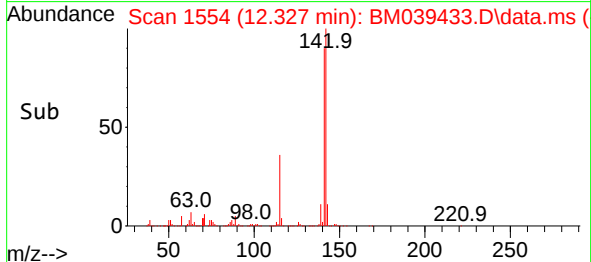
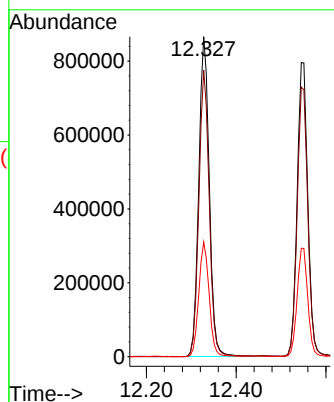
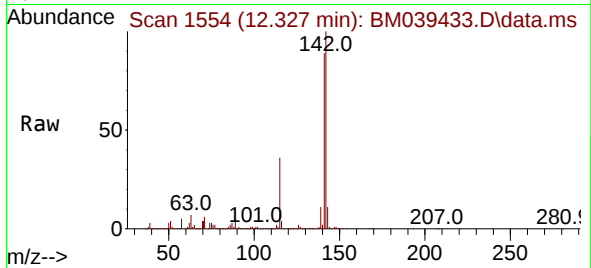




#37
2-Methylnaphthalene
Concen: 42.229 ng
RT: 12.327 min Scan# 1554
Delta R.T. -0.012 min
Lab File: BM039433.D
Acq: 14 Apr 2023 14:27

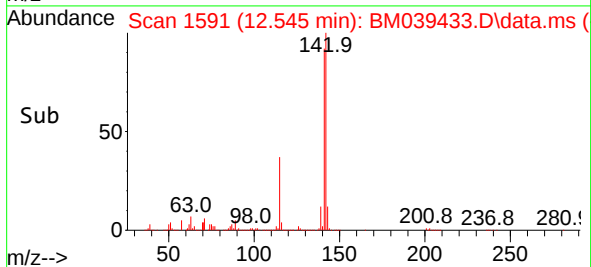
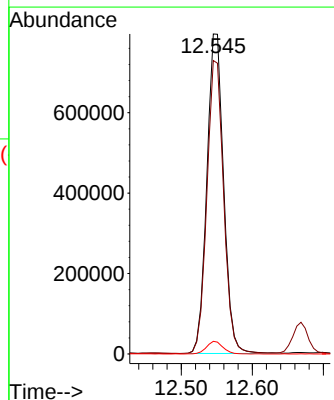
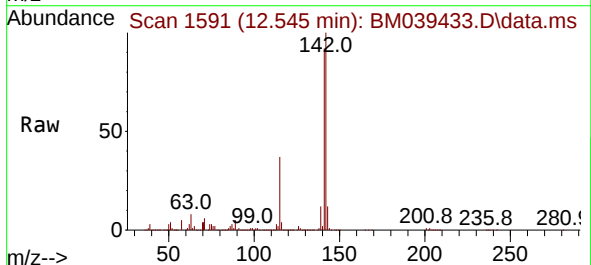
Instrument :
BNA_M
ClientSampleId :
PB152106BS

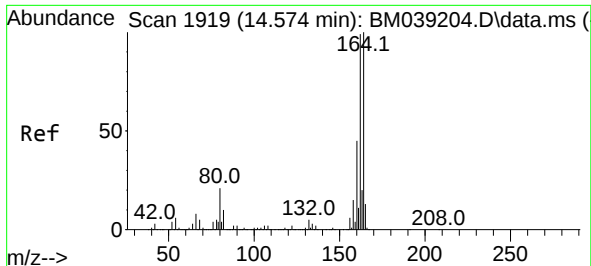
Tgt Ion:142 Resp: 1409434
Ion Ratio Lower Upper
142 100
141 89.5 69.8 104.8
115 35.9 27.8 41.8



#38
1-Methylnaphthalene
Concen: 41.872 ng
RT: 12.545 min Scan# 1591
Delta R.T. -0.012 min
Lab File: BM039433.D
Acq: 14 Apr 2023 14:27

Tgt Ion:142 Resp: 1308560
Ion Ratio Lower Upper
142 100
141 91.7 73.2 109.8
116 4.0 3.0 4.4

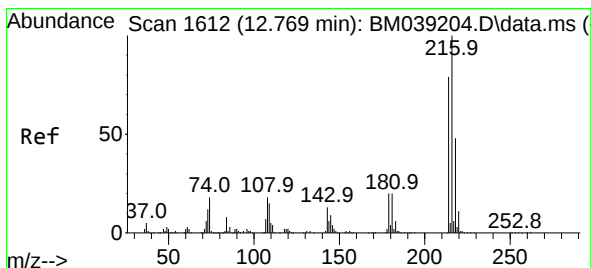
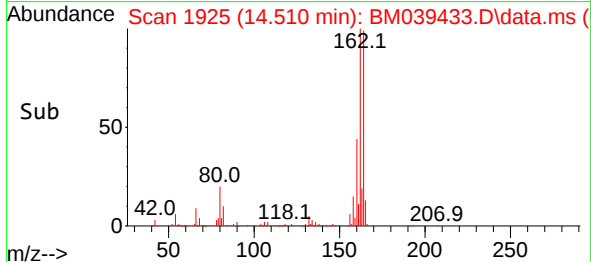
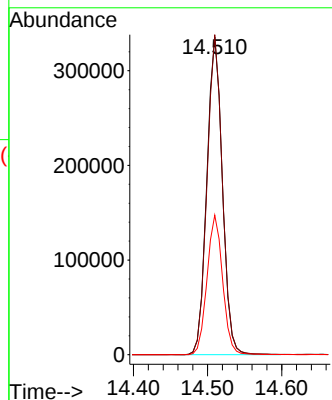
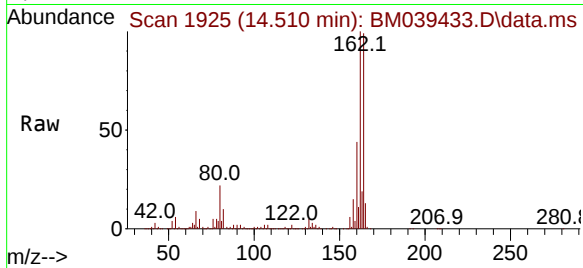




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.510 min Scan# 1919
Delta R.T. -0.006 min
Lab File: BM039433.D
Acq: 14 Apr 2023 14:27

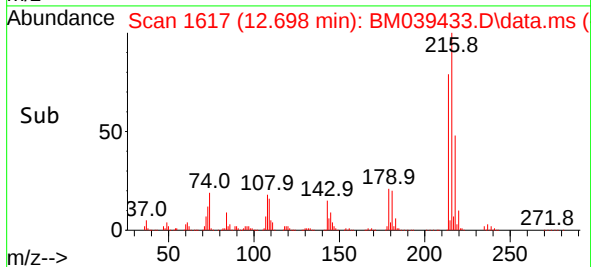
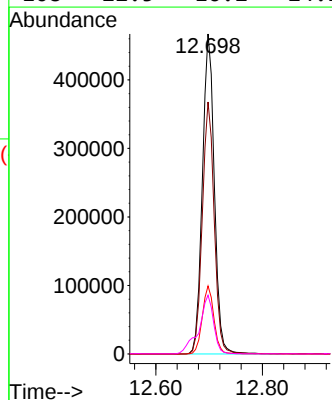
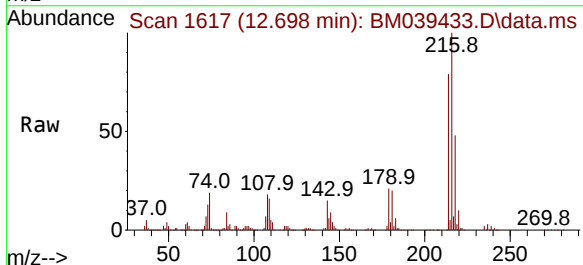
Instrument :
BNA_M
ClientSampleId :
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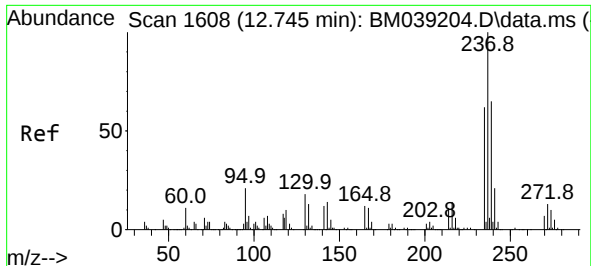
Tgt Ion:164 Resp: 488286
Ion Ratio Lower Upper
164 100
162 100.7 79.1 118.7
160 43.9 35.8 53.8



#40
1,2,4,5-Tetrachlorobenzene
Concen: 48.814 ng
RT: 12.698 min Scan# 1617
Delta R.T. -0.006 min
Lab File: BM039433.D
Acq: 14 Apr 2023 14:27

Tgt Ion:216 Resp: 725702
Ion Ratio Lower Upper
216 100
214 78.6 62.8 94.2
179 20.7 16.8 25.2
108 22.5 16.2 24.2

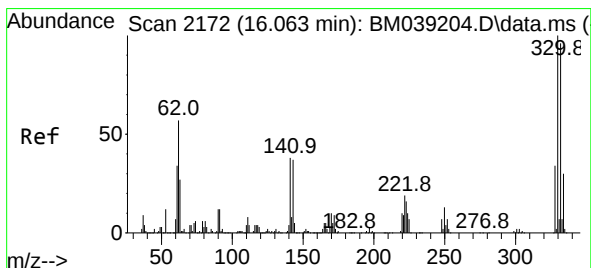
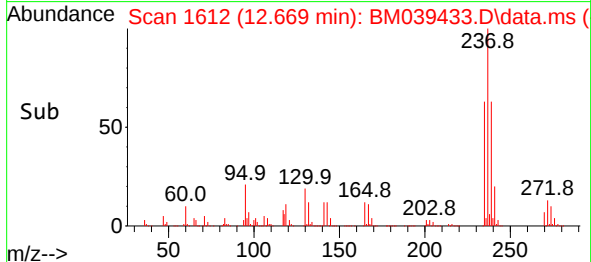
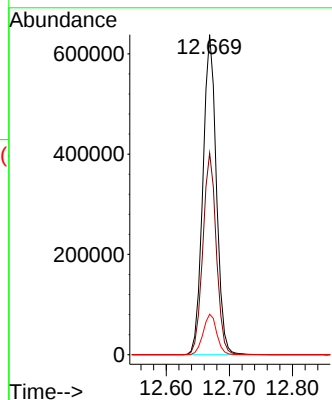
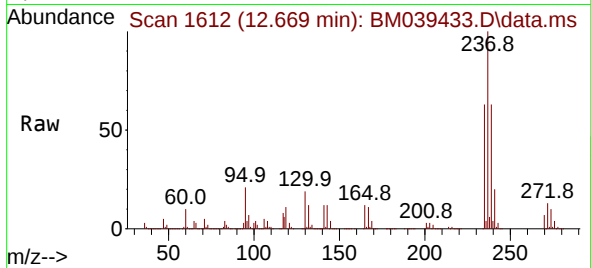




#41
Hexachlorocyclopentadiene
Concen: 116.081 ng
RT: 12.669 min Scan# 1
Delta R.T. -0.012 min
Lab File: BM039433.D
Acq: 14 Apr 2023 14:27

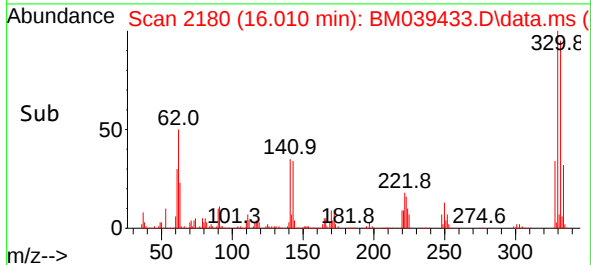
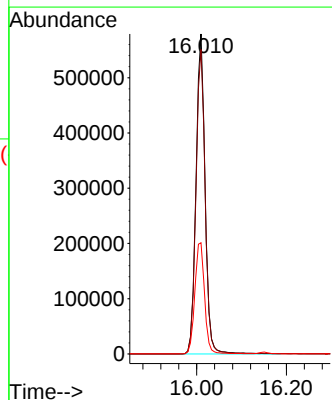
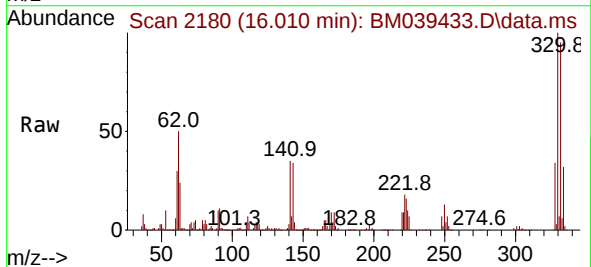
Instrument :
BNA_M
ClientSampleId :
PB152106BS

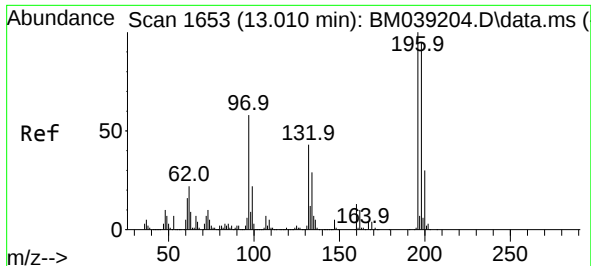
Tgt Ion:237 Resp: 942782
Ion Ratio Lower Upper
237 100
235 63.0 41.6 81.6
272 12.6 0.0 33.2



#42
2,4,6-Tribromophenol
Concen: 131.432 ng
RT: 16.010 min Scan# 2180
Delta R.T. -0.006 min
Lab File: BM039433.D
Acq: 14 Apr 2023 14:27

Tgt Ion:330 Resp: 814656
Ion Ratio Lower Upper
330 100
332 96.2 77.4 116.0
141 37.1 29.8 44.6

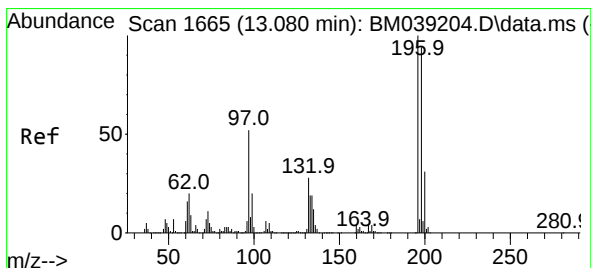
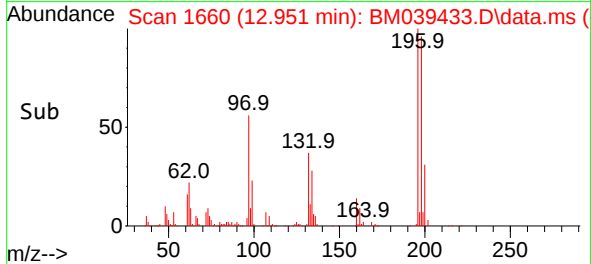
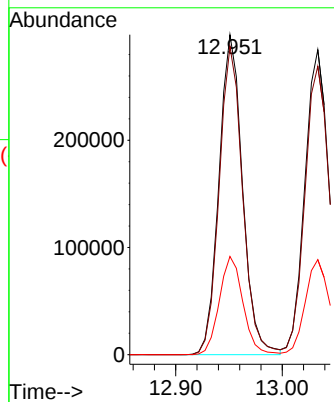
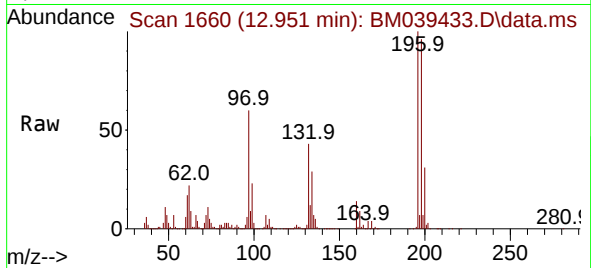




#43
2,4,6-Trichlorophenol
Concen: 45.247 ng
RT: 12.951 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM039433.D
Acq: 14 Apr 2023 14:27

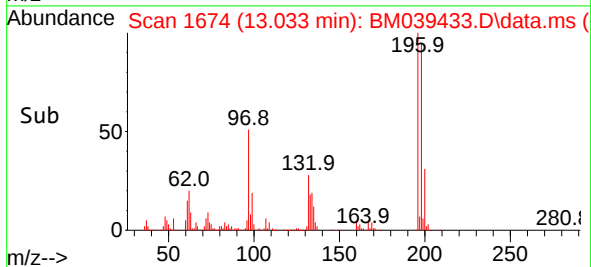
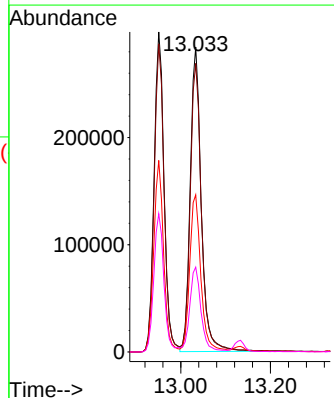
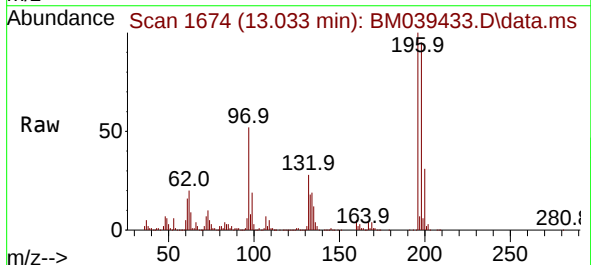
Instrument :
BNA_M
ClientSampleId :
PB152106BS

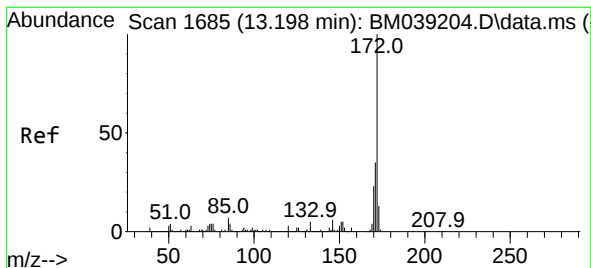
Tgt Ion:196 Resp: 458746
Ion Ratio Lower Upper
196 100
198 96.3 76.2 114.2
200 30.7 24.2 36.2



#44
2,4,5-Trichlorophenol
Concen: 40.974 ng
RT: 13.033 min Scan# 1674
Delta R.T. 0.006 min
Lab File: BM039433.D
Acq: 14 Apr 2023 14:27

Tgt Ion:196 Resp: 487007
Ion Ratio Lower Upper
196 100
198 94.6 75.2 112.8
97 51.6 41.4 62.0
132 27.8 22.6 33.8





#45

2-Fluorobiphenyl

Concen: 94.659 ng

RT: 13.133 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM039433.D

Acq: 14 Apr 2023 14:27

Instrument :

BNA_M

ClientSampleId :

PB152106BS

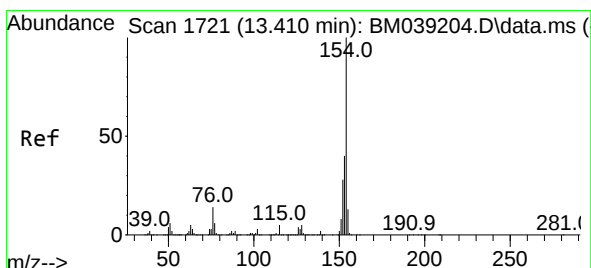
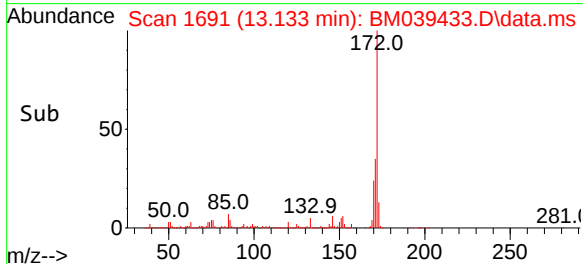
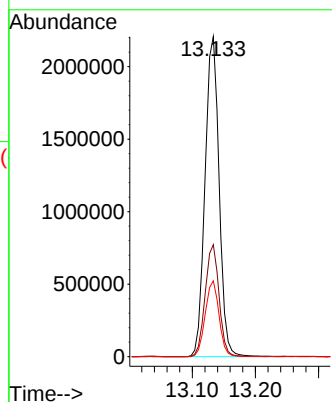
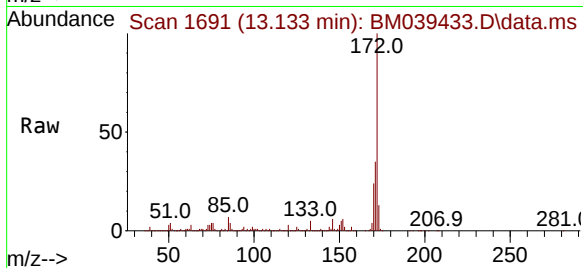
Tgt Ion:172 Resp: 3411339

Ion Ratio Lower Upper

172 100

171 35.0 28.0 42.0

170 23.7 18.7 28.1



#46

1,1'-Biphenyl

Concen: 46.388 ng

RT: 13.345 min Scan# 1727

Delta R.T. -0.006 min

Lab File: BM039433.D

Acq: 14 Apr 2023 14:27

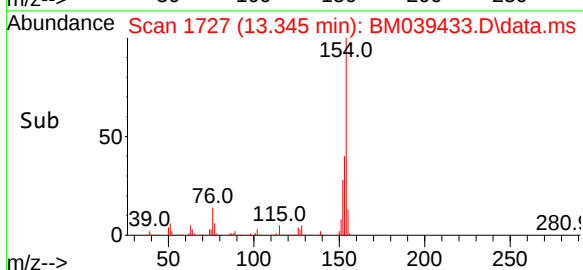
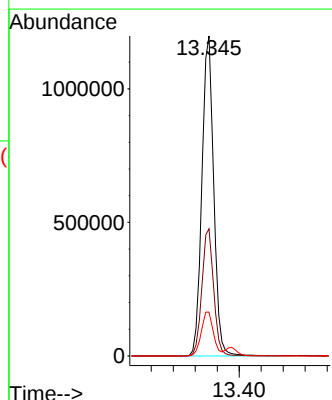
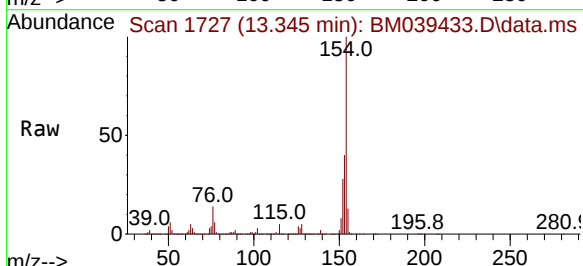
Tgt Ion:154 Resp: 1788649

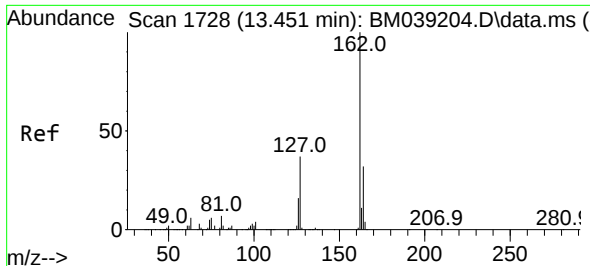
Ion Ratio Lower Upper

154 100

153 39.8 19.9 59.9

76 13.7 0.0 33.5





#47

2-Chloronaphthalene

Concen: 45.840 ng

RT: 13.386 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM039433.D

Acq: 14 Apr 2023 14:27

Instrument :

BNA_M

ClientSampleId :

PB152106BS

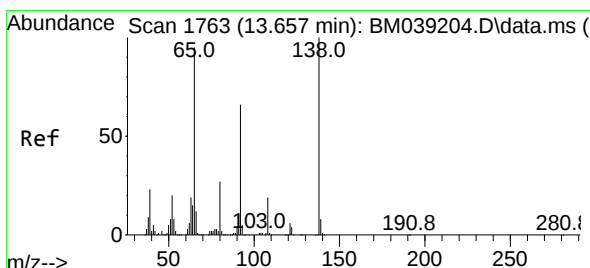
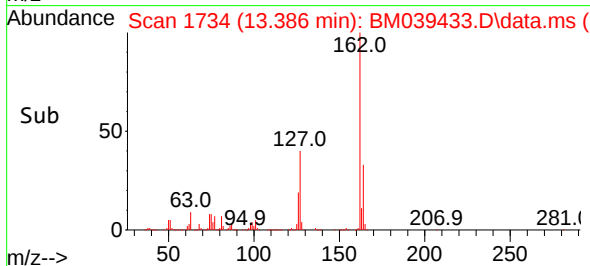
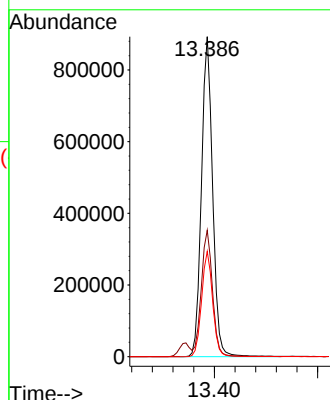
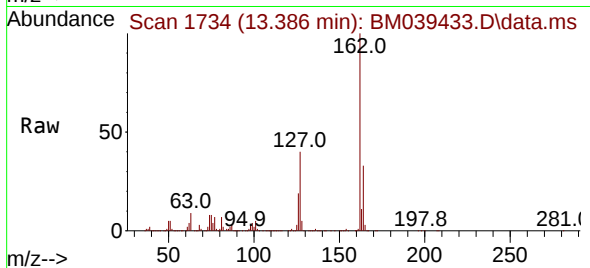
Tgt Ion:162 Resp: 1338339

Ion Ratio Lower Upper

162 100

127 39.5 31.4 47.0

164 32.9 25.7 38.5



#48

2-Nitroaniline

Concen: 39.861 ng

RT: 13.604 min Scan# 1771

Delta R.T. -0.006 min

Lab File: BM039433.D

Acq: 14 Apr 2023 14:27

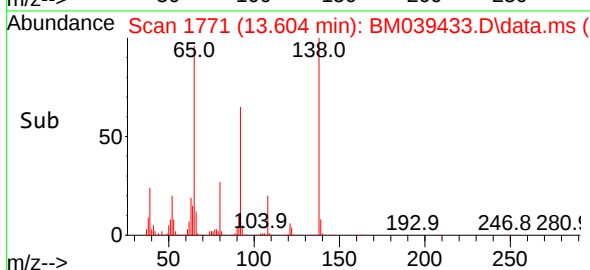
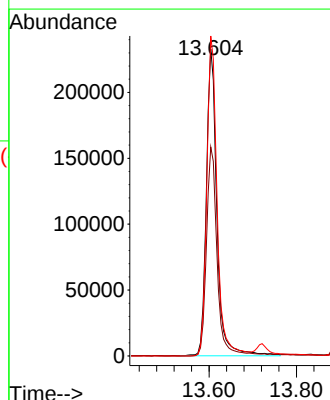
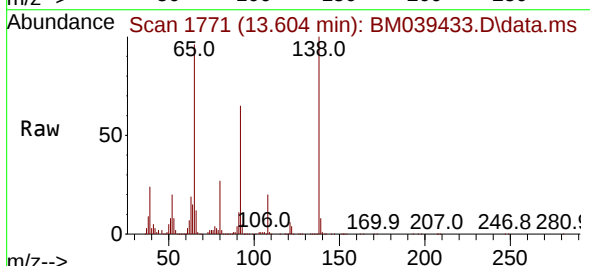
Tgt Ion: 65 Resp: 391633

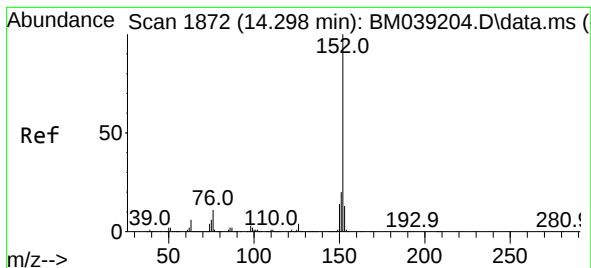
Ion Ratio Lower Upper

65 100

92 68.1 55.7 83.5

138 104.3 84.5 126.7





#49

Acenaphthylene

Concen: 43.750 ng

RT: 14.233 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM039433.D

Acq: 14 Apr 2023 14:27

Instrument :

BNA_M

ClientSampleId :

PB152106BS

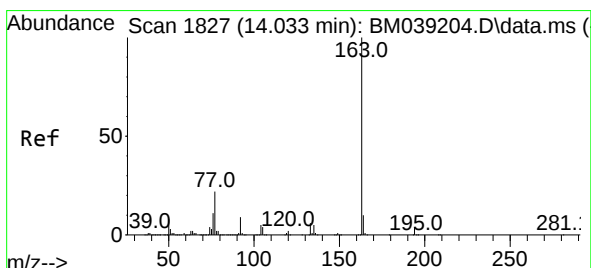
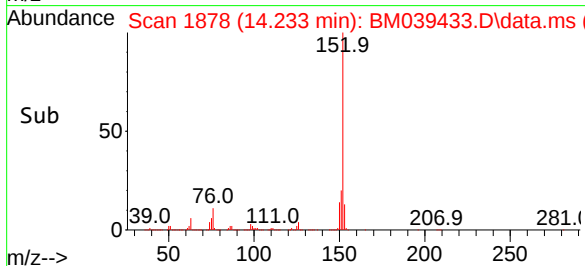
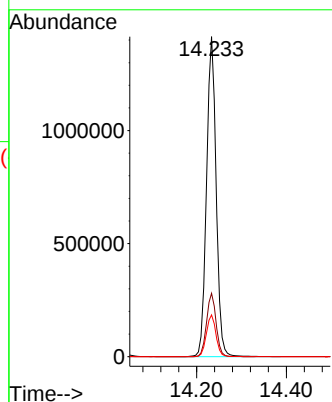
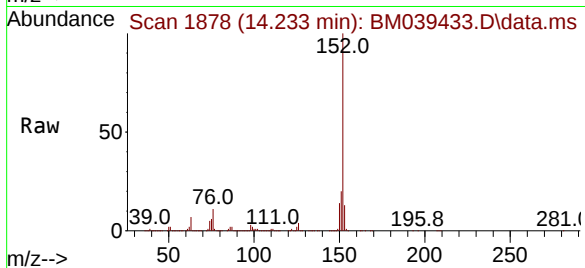
Tgt Ion:152 Resp: 2099307

Ion Ratio Lower Upper

152 100

151 19.8 15.7 23.5

153 13.1 10.3 15.5



#50

Dimethylphthalate

Concen: 42.877 ng

RT: 13.974 min Scan# 1834

Delta R.T. -0.006 min

Lab File: BM039433.D

Acq: 14 Apr 2023 14:27

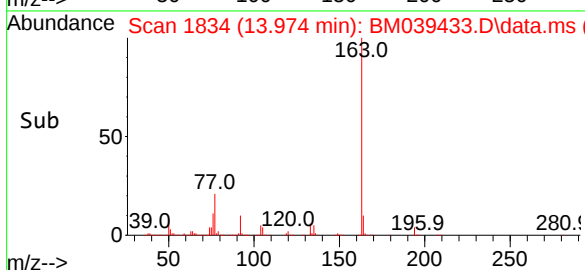
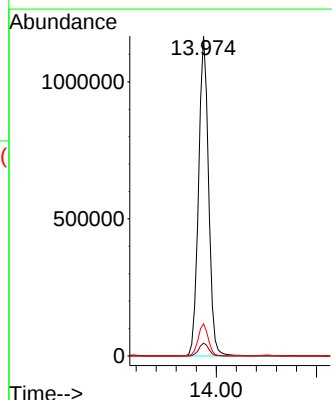
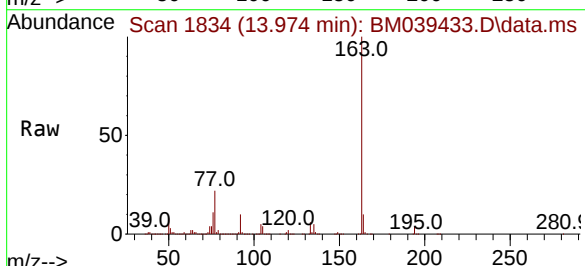
Tgt Ion:163 Resp: 1613475

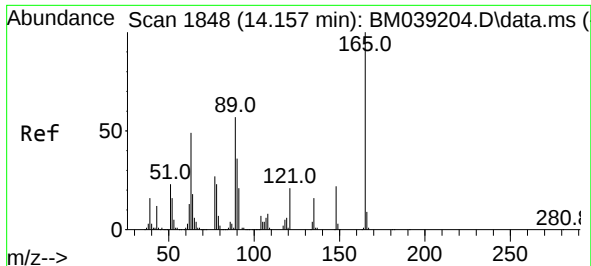
Ion Ratio Lower Upper

163 100

194 4.0 3.1 4.7

164 10.1 8.2 12.2

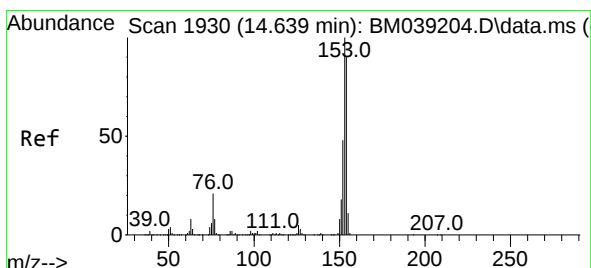
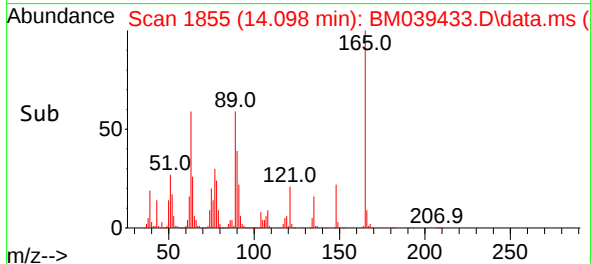
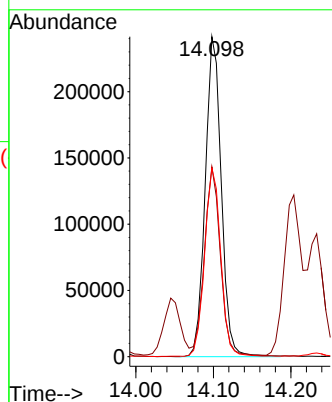
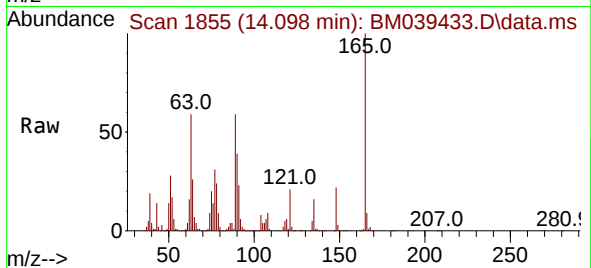




#51
2,6-Dinitrotoluene
Concen: 42.943 ng
RT: 14.098 min Scan# 1848
Delta R.T. -0.006 min
Lab File: BM039433.D
Acq: 14 Apr 2023 14:27

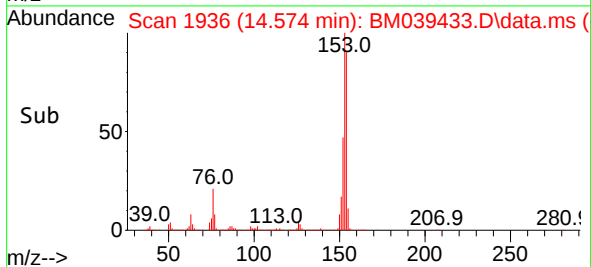
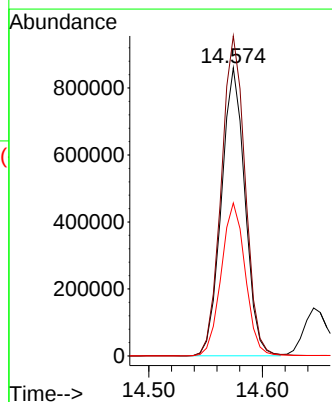
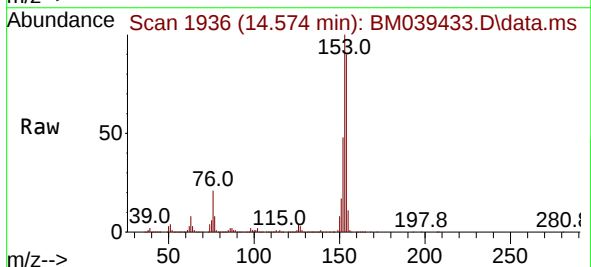
Instrument :
BNA_M
ClientSampleId :
PB152106BS

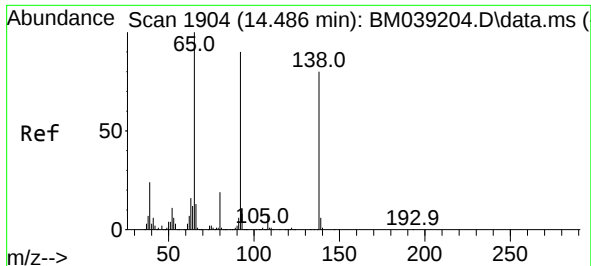
Tgt Ion:165 Resp: 347506
Ion Ratio Lower Upper
165 100
63 59.3 44.9 67.3
89 59.0 45.4 68.0



#52
Acenaphthene
Concen: 43.839 ng
RT: 14.574 min Scan# 1936
Delta R.T. -0.012 min
Lab File: BM039433.D
Acq: 14 Apr 2023 14:27

Tgt Ion:154 Resp: 1242126
Ion Ratio Lower Upper
154 100
153 111.0 89.1 133.7
152 53.1 42.6 64.0

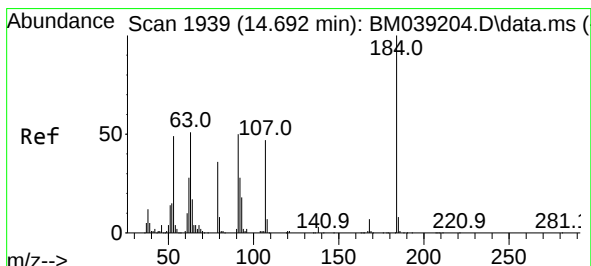
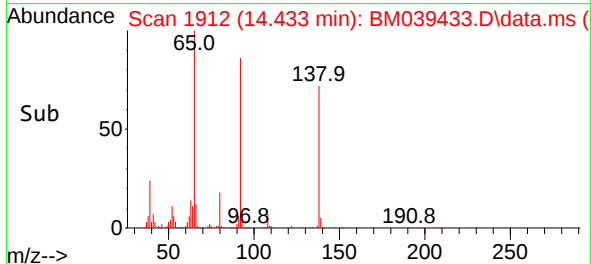
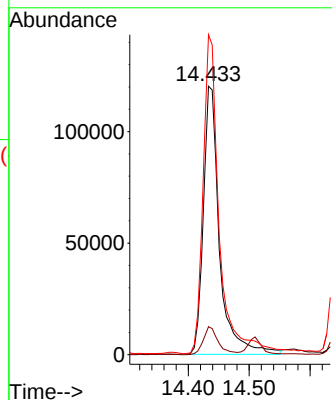
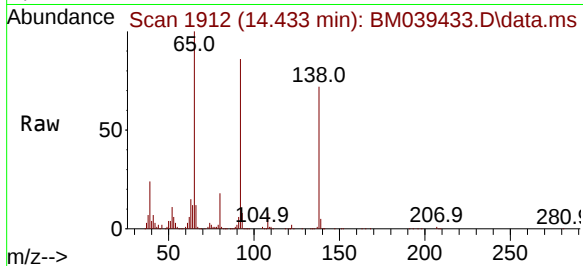




#53
3-Nitroaniline
Concen: 23.696 ng
RT: 14.433 min Scan# 1912
Delta R.T. -0.006 min
Lab File: BM039433.D
Acq: 14 Apr 2023 14:27

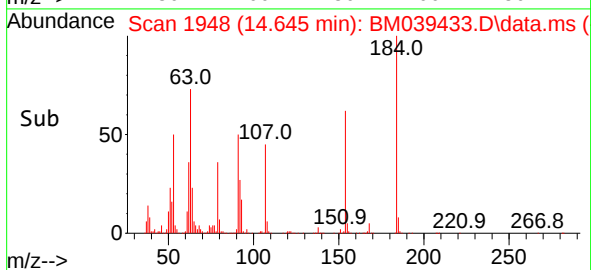
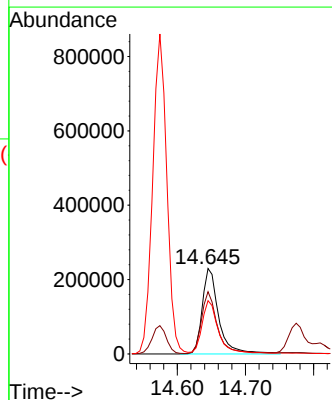
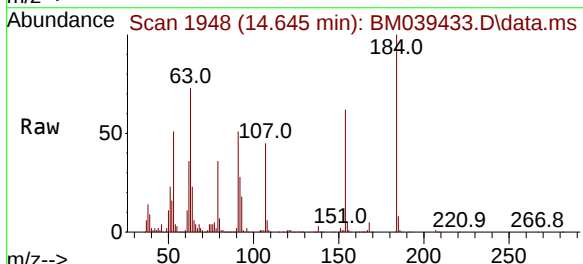
Instrument :
BNA_M
ClientSampleId :
PB152106BS

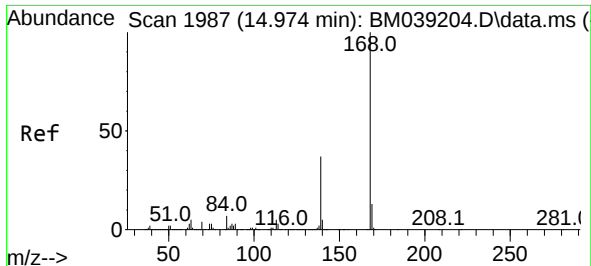
Tgt Ion:138 Resp: 221679
Ion Ratio Lower Upper
138 100
108 10.4 8.0 12.0
92 119.2 90.8 136.2



#54
2,4-Dinitrophenol
Concen: 80.879 ng
RT: 14.645 min Scan# 1948
Delta R.T. -0.006 min
Lab File: BM039433.D
Acq: 14 Apr 2023 14:27

Tgt Ion:184 Resp: 387600
Ion Ratio Lower Upper
184 100
63 72.8 56.4 84.6
154 62.3 48.7 73.1

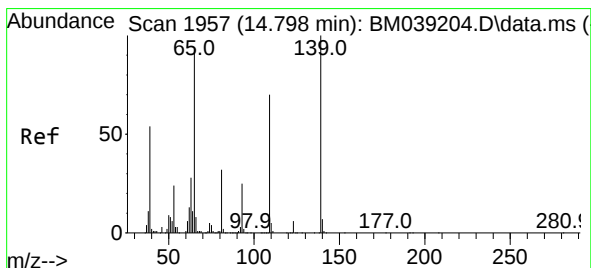
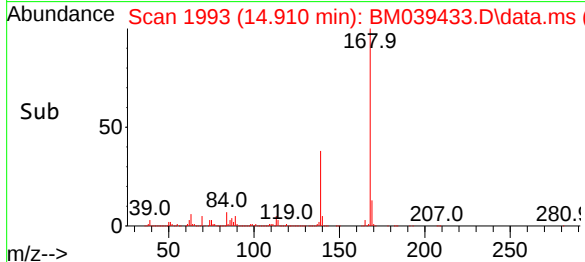
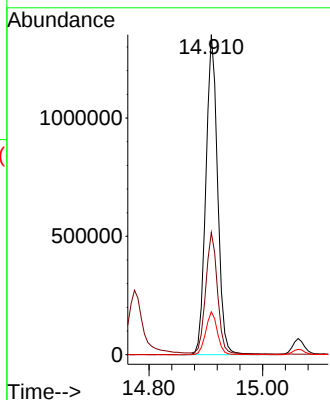
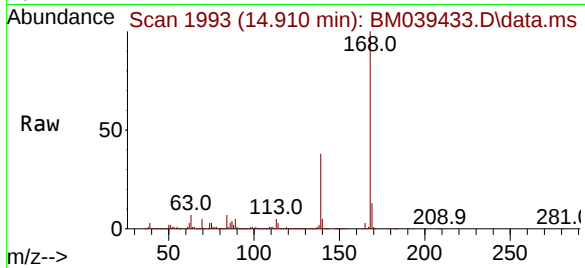




#55
Dibenzenofuran
Concen: 42.262 ng
RT: 14.910 min Scan# 1993
Delta R.T. -0.006 min
Lab File: BM039433.D
Acq: 14 Apr 2023 14:27

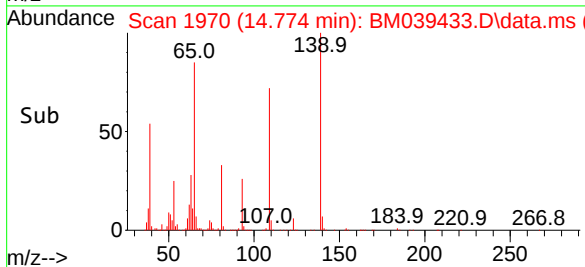
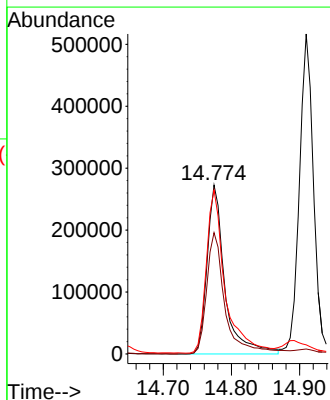
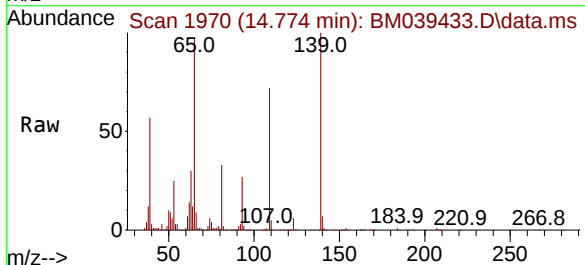
Instrument :
BNA_M
ClientSampleId :
PB152106BS

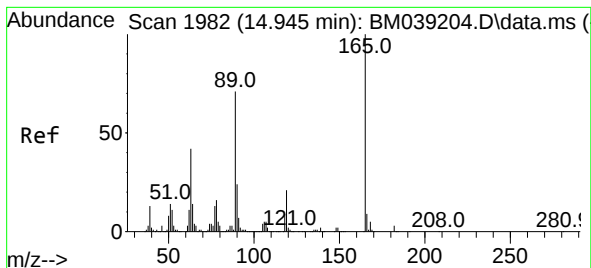
Tgt Ion:168 Resp: 1927819
Ion Ratio Lower Upper
168 100
139 38.2 29.4 44.2
169 13.4 10.6 15.8



#56
4-Nitrophenol
Concen: 68.742 ng
RT: 14.774 min Scan# 1970
Delta R.T. 0.018 min
Lab File: BM039433.D
Acq: 14 Apr 2023 14:27

Tgt Ion:139 Resp: 495898
Ion Ratio Lower Upper
139 100
109 71.9 49.6 89.6
65 97.1 72.9 112.9

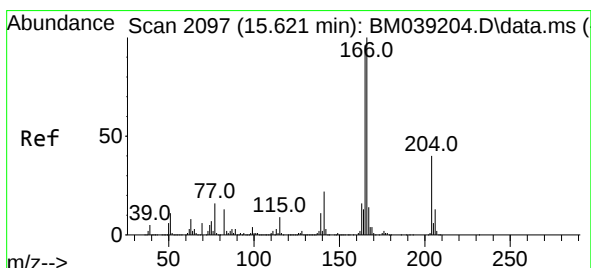
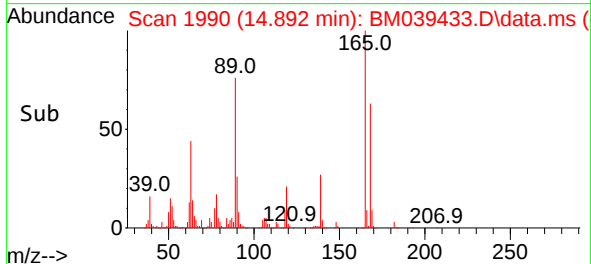
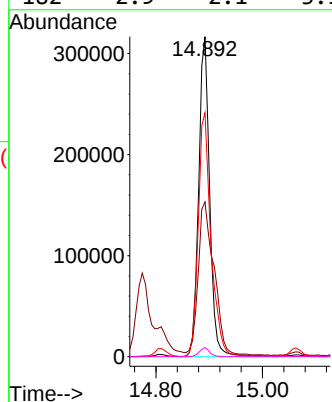
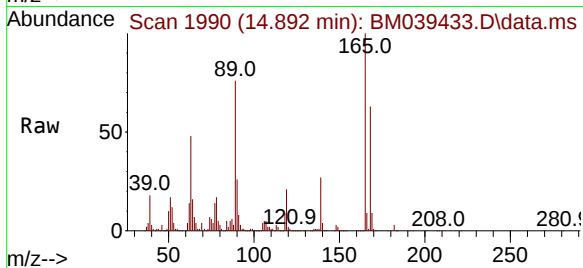




#57
2,4-Dinitrotoluene
Concen: 41.689 ng
RT: 14.892 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM039433.D
Acq: 14 Apr 2023 14:27

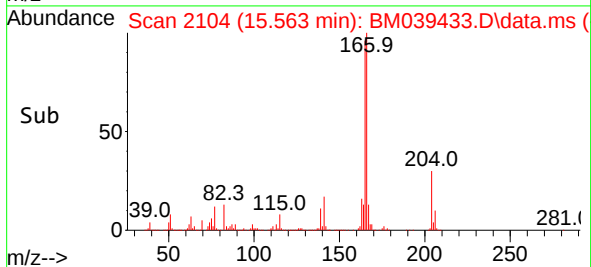
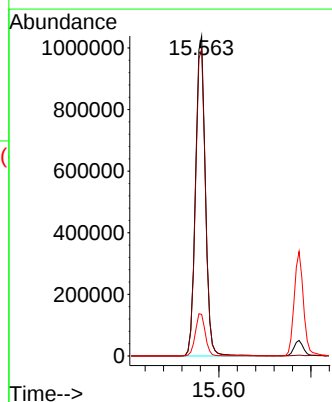
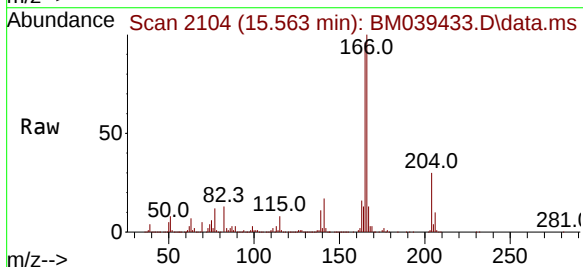
Instrument :
BNA_M
ClientSampleId :
PB152106BS

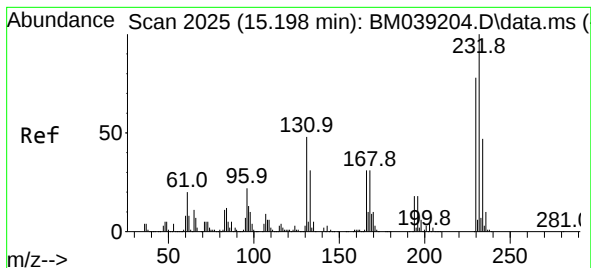
Tgt Ion:165 Resp: 456369
Ion Ratio Lower Upper
165 100
63 48.4 33.5 50.3
89 76.3 56.7 85.1
182 2.9 2.1 3.1



#58
Fluorene
Concen: 42.331 ng
RT: 15.563 min Scan# 2104
Delta R.T. -0.006 min
Lab File: BM039433.D
Acq: 14 Apr 2023 14:27

Tgt Ion:166 Resp: 1529043
Ion Ratio Lower Upper
166 100
165 96.0 76.9 115.3
167 13.0 10.8 16.2

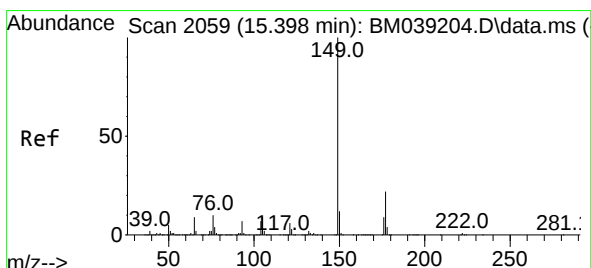
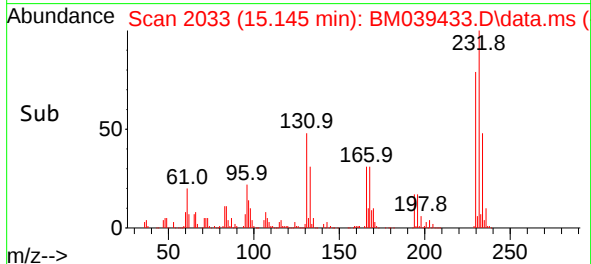
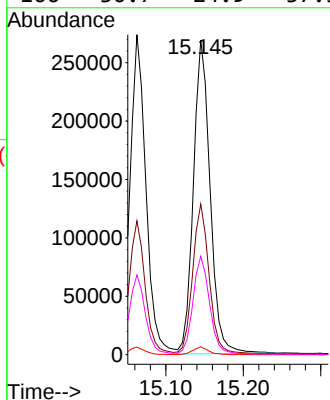
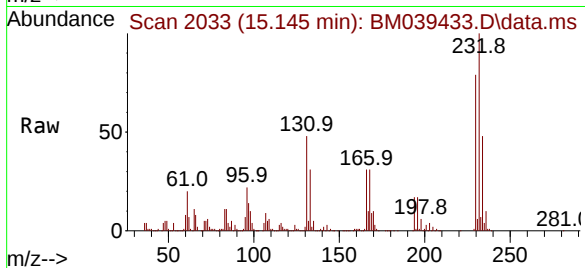




#59
2,3,4,6-Tetrachlorophenol
Concen: 42.560 ng
RT: 15.145 min Scan# 2025
Delta R.T. -0.006 min
Lab File: BM039433.D
Acq: 14 Apr 2023 14:27

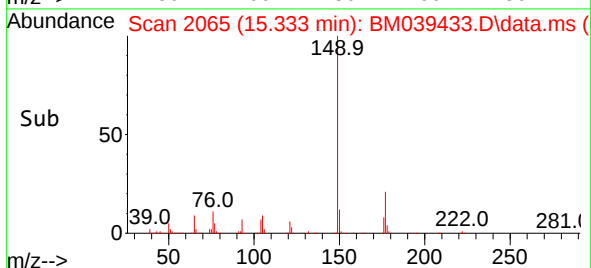
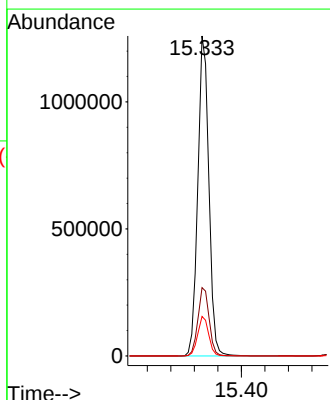
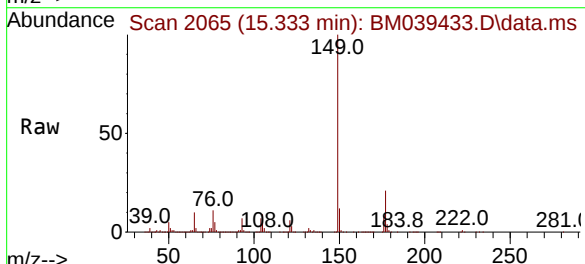
Instrument :
BNA_M
ClientSampleId :
PB152106BS

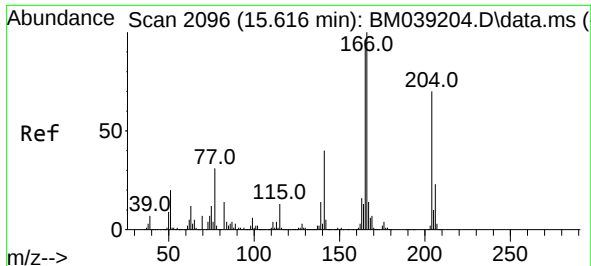
Tgt Ion:232 Resp: 402430
Ion Ratio Lower Upper
232 100
131 47.7 37.7 56.5
130 2.4 1.9 2.9
166 30.7 24.9 37.3



#60
Diethylphthalate
Concen: 43.265 ng
RT: 15.333 min Scan# 2065
Delta R.T. -0.012 min
Lab File: BM039433.D
Acq: 14 Apr 2023 14:27

Tgt Ion:149 Resp: 1638706
Ion Ratio Lower Upper
149 100
177 21.4 17.7 26.5
150 12.4 9.8 14.6

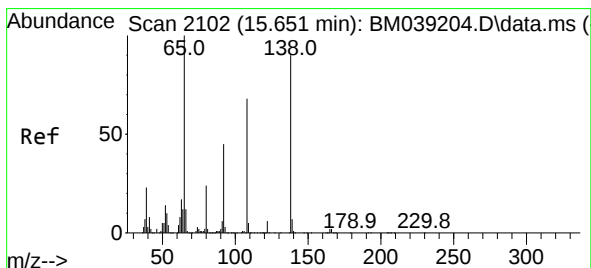
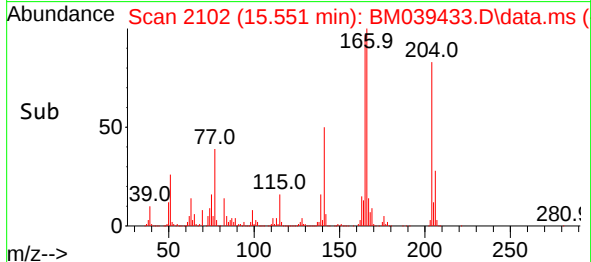
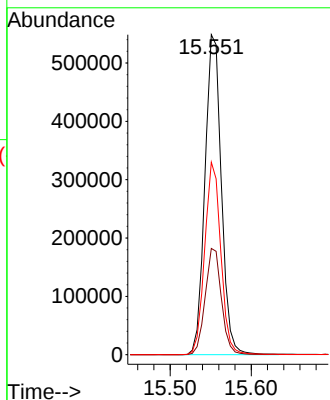
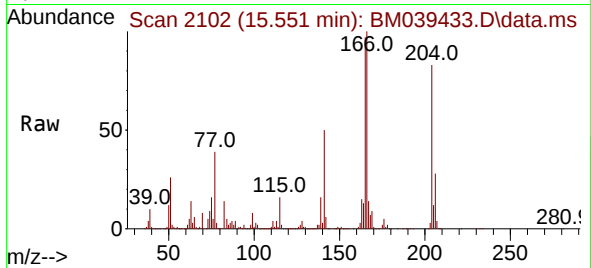




#61
4-Chlorophenyl-phenylether
Concen: 43.020 ng
RT: 15.551 min Scan# 2110
Delta R.T. -0.012 min
Lab File: BM039433.D
Acq: 14 Apr 2023 14:27

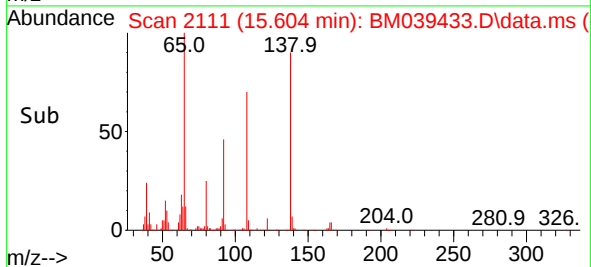
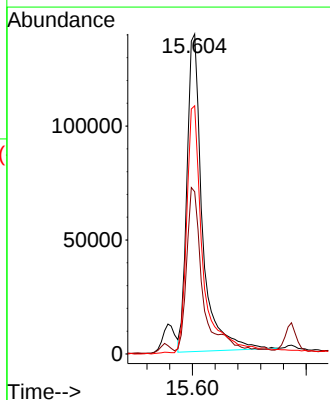
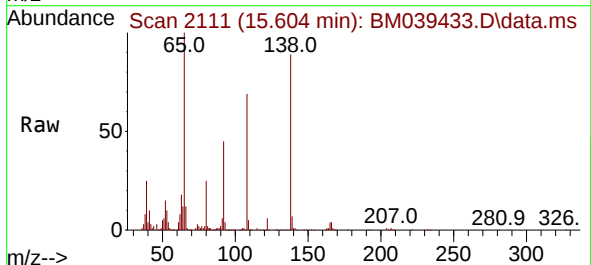
Instrument :
BNA_M
ClientSampleId :
PB152106BS

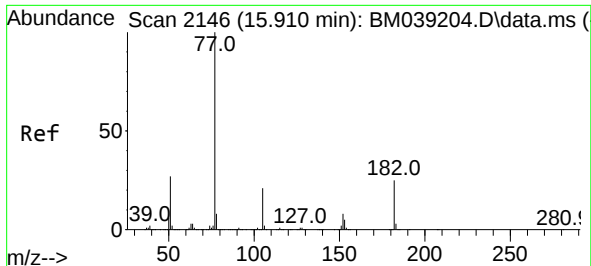
Tgt Ion:204 Resp: 770126
Ion Ratio Lower Upper
204 100
206 33.2 26.1 39.1
141 60.2 45.8 68.6



#62
4-Nitroaniline
Concen: 27.293 ng
RT: 15.604 min Scan# 2111
Delta R.T. 0.000 min
Lab File: BM039433.D
Acq: 14 Apr 2023 14:27

Tgt Ion:138 Resp: 262019
Ion Ratio Lower Upper
138 100
92 50.7 30.5 70.5
108 77.6 55.5 95.5

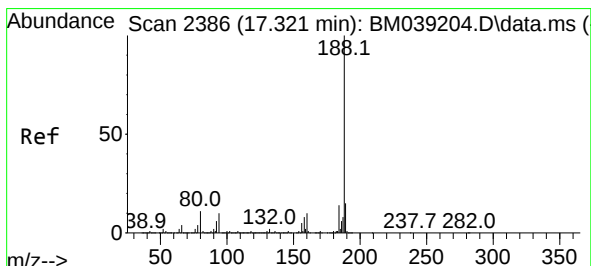
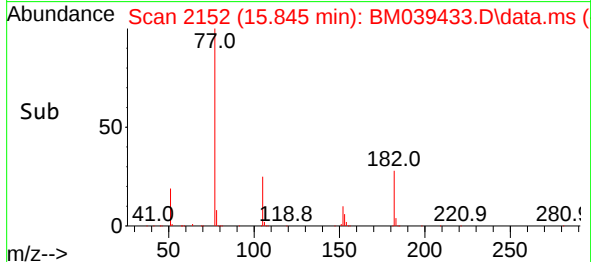
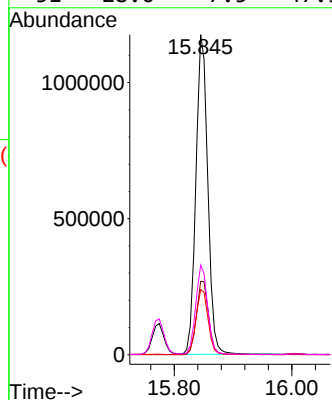
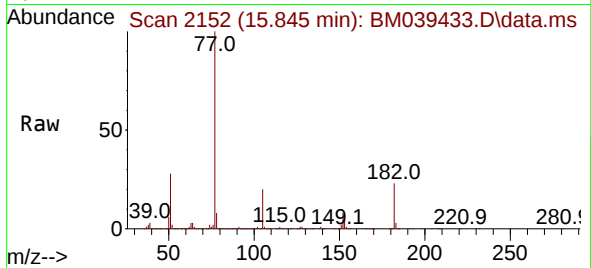




#63
Azobenzene
Concen: 43.400 ng
RT: 15.845 min Scan# 2146
Delta R.T. -0.012 min
Lab File: BM039433.D
Acq: 14 Apr 2023 14:27

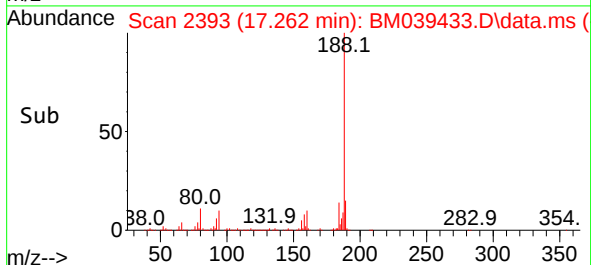
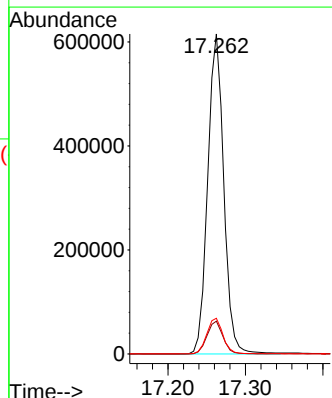
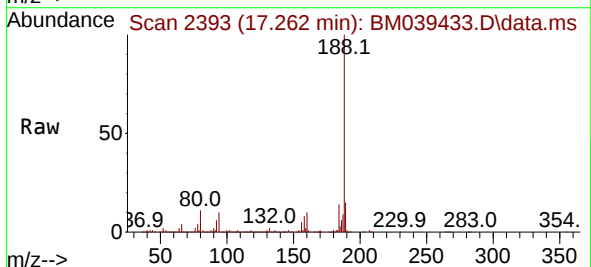
Instrument :
BNA_M
ClientSampleId :
PB152106BS

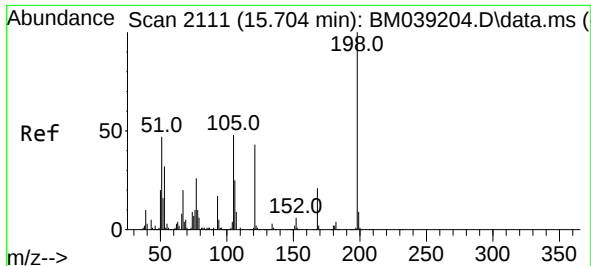
Tgt Ion: 77 Resp: 1646948
Ion Ratio Lower Upper
77 100
182 22.9 4.8 44.8
105 20.3 1.4 41.4
51 28.0 7.5 47.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.262 min Scan# 2393
Delta R.T. -0.006 min
Lab File: BM039433.D
Acq: 14 Apr 2023 14:27

Tgt Ion: 188 Resp: 884856
Ion Ratio Lower Upper
188 100
94 10.2 8.2 12.4
80 11.2 8.9 13.3

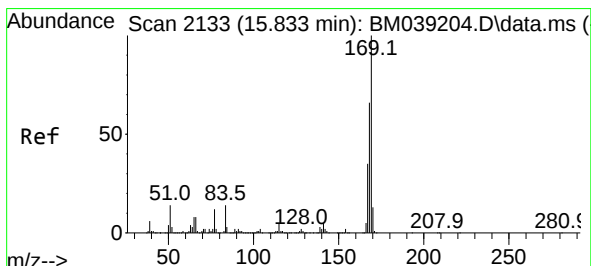
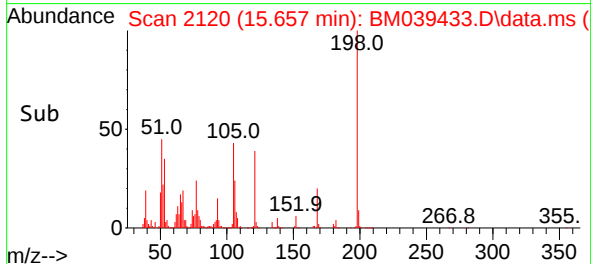
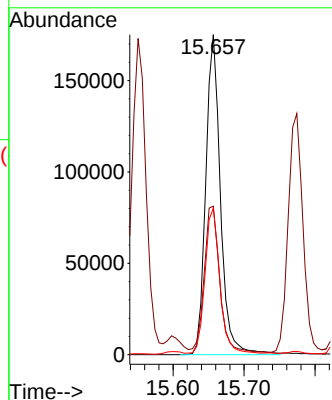
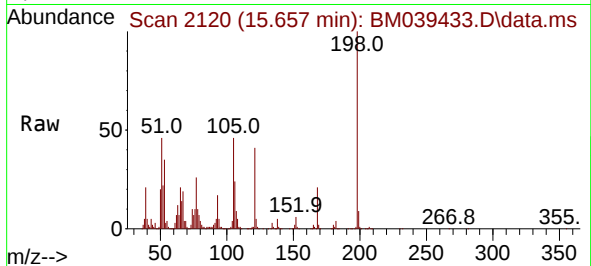




#65
4,6-Dinitro-2-methylphenol
Concen: 43.377 ng
RT: 15.657 min Scan# 2110
Delta R.T. 0.000 min
Lab File: BM039433.D
Acq: 14 Apr 2023 14:27

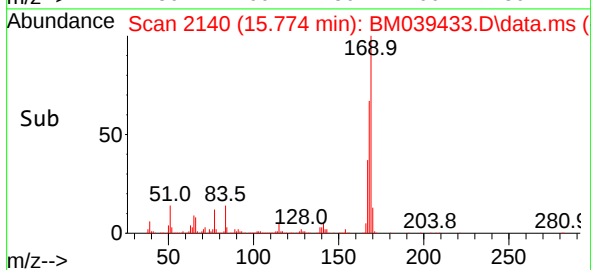
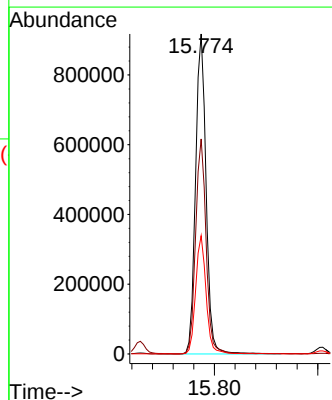
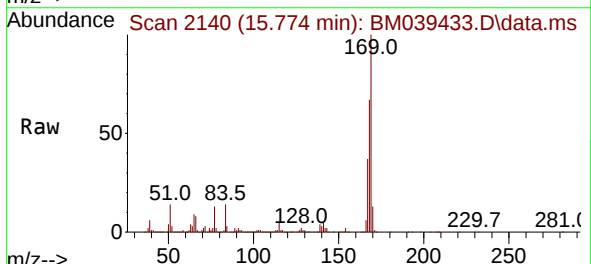
Instrument :
BNA_M
ClientSampleId :
PB152106BS

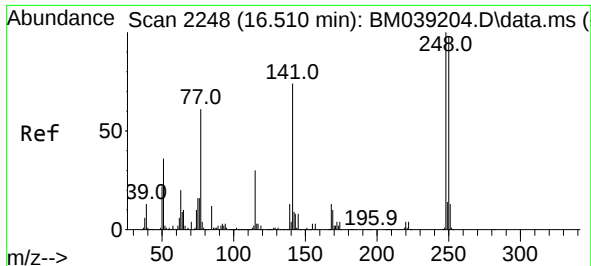
Tgt Ion:198 Resp: 252510
Ion Ratio Lower Upper
198 100
51 46.4 28.9 68.9
105 45.8 28.7 68.7



#66
n-Nitrosodiphenylamine
Concen: 46.517 ng
RT: 15.774 min Scan# 2140
Delta R.T. -0.006 min
Lab File: BM039433.D
Acq: 14 Apr 2023 14:27

Tgt Ion:169 Resp: 1297051
Ion Ratio Lower Upper
169 100
168 67.2 52.8 79.2
167 37.0 28.4 42.6

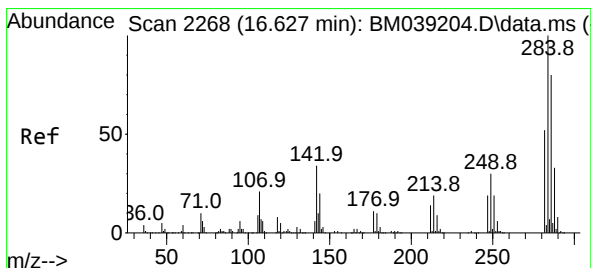
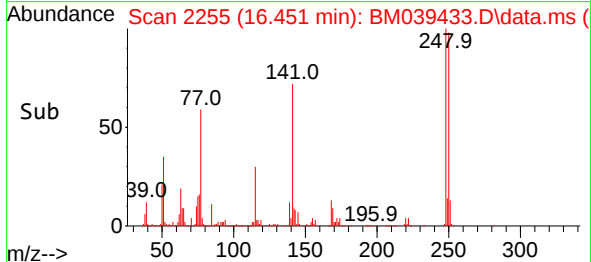
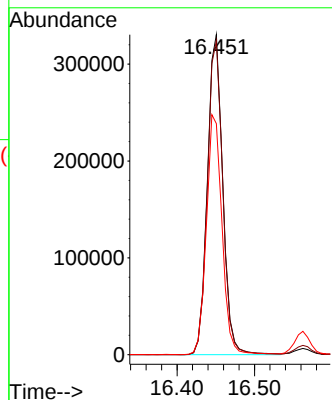
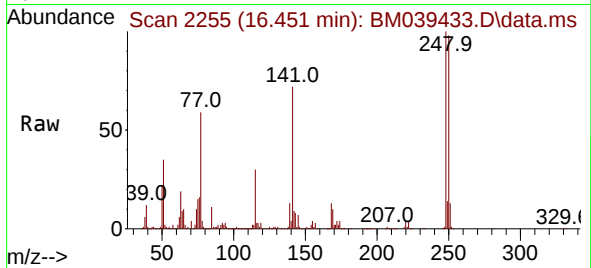




#67
4-Bromophenyl-phenylether
Concen: 48.331 ng
RT: 16.451 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM039433.D
Acq: 14 Apr 2023 14:27

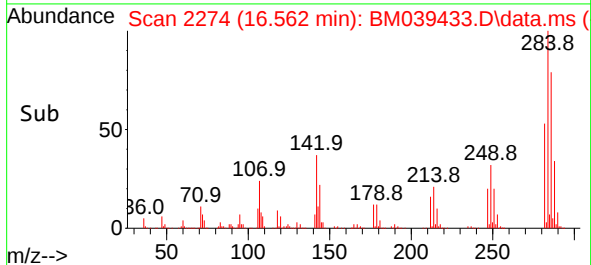
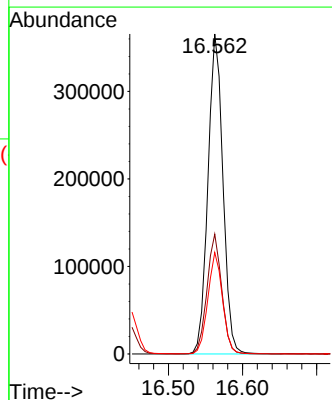
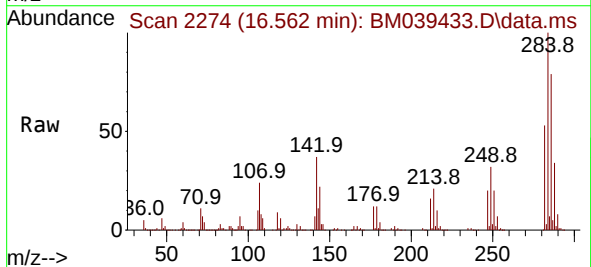
Instrument :
BNA_M
ClientSampleId :
PB152106BS

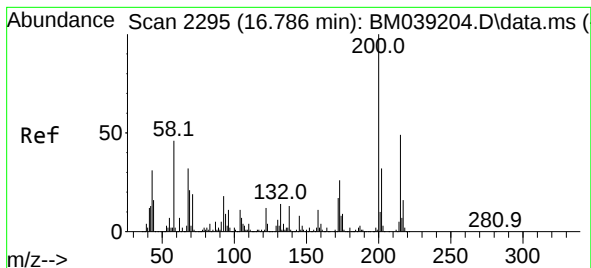
Tgt Ion:248 Resp: 456716
Ion Ratio Lower Upper
248 100
250 98.1 78.8 118.2
141 72.2 58.8 88.2



#68
Hexachlorobenzene
Concen: 50.121 ng
RT: 16.562 min Scan# 2274
Delta R.T. -0.006 min
Lab File: BM039433.D
Acq: 14 Apr 2023 14:27

Tgt Ion:284 Resp: 513550
Ion Ratio Lower Upper
284 100
142 37.4 27.4 41.2
249 31.7 24.4 36.6





#69

Atrazine

Concen: 50.407 ng

RT: 16.733 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM039433.D

Acq: 14 Apr 2023 14:27

Instrument :

BNA_M

ClientSampleId :

PB152106BS

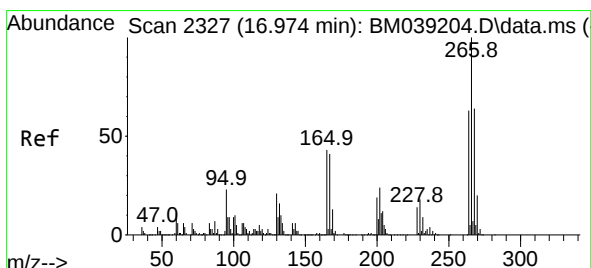
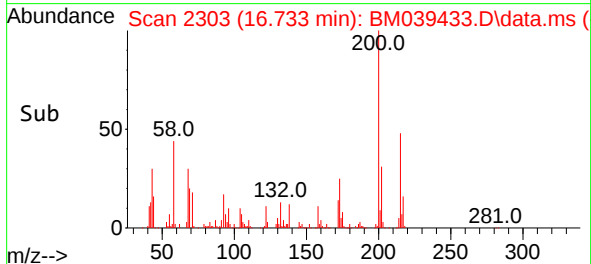
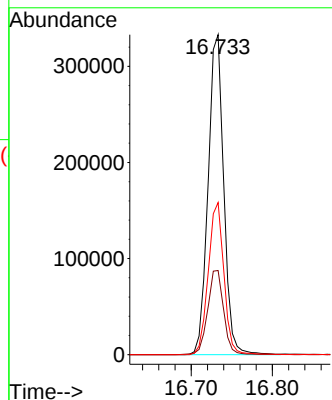
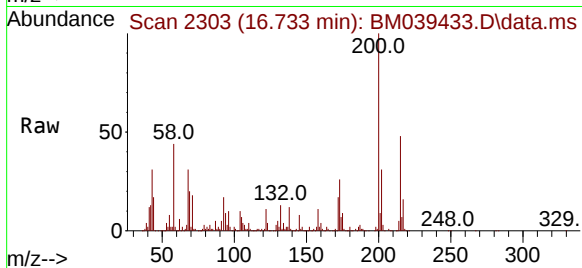
Tgt Ion:200 Resp: 445158

Ion Ratio Lower Upper

200 100

173 26.3 6.4 46.4

215 47.5 28.9 68.9



#70

Pentachlorophenol

Concen: 81.598 ng

RT: 16.921 min Scan# 2335

Delta R.T. 0.000 min

Lab File: BM039433.D

Acq: 14 Apr 2023 14:27

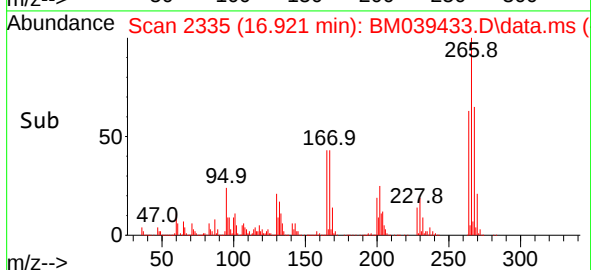
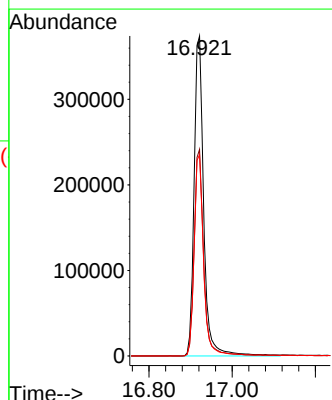
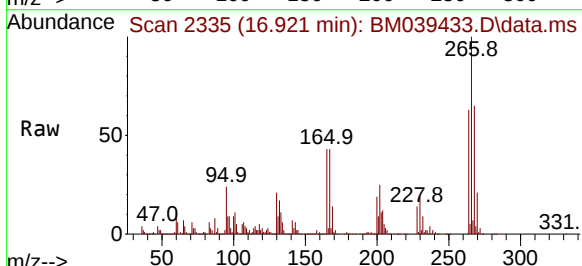
Tgt Ion:266 Resp: 599845

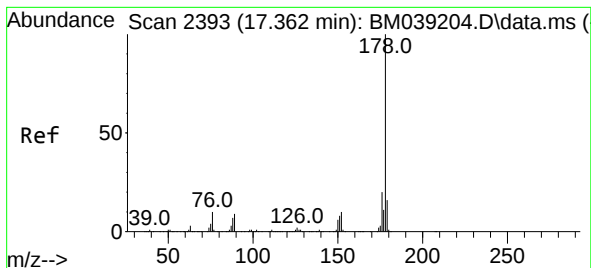
Ion Ratio Lower Upper

266 100

268 64.6 51.4 77.2

264 62.9 50.2 75.4





#71

Phenanthrene

Concen: 45.266 ng

RT: 17.304 min Scan# 2416

Delta R.T. -0.006 min

Lab File: BM039433.D

Acq: 14 Apr 2023 14:27

Instrument :

BNA_M

ClientSampleId :

PB152106BS

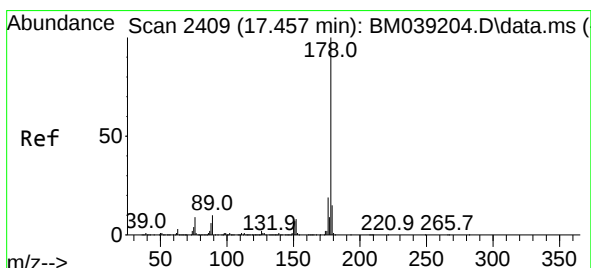
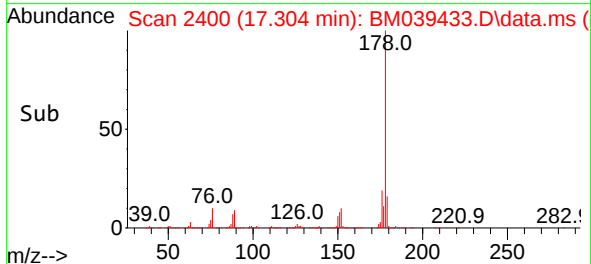
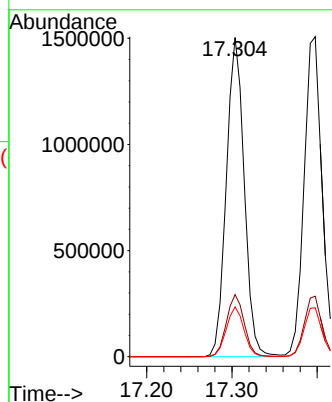
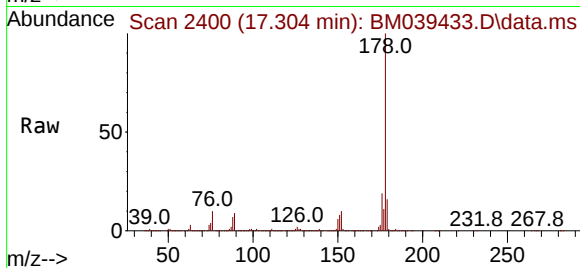
Tgt Ion:178 Resp: 2193699

Ion Ratio Lower Upper

178 100

176 19.5 15.7 23.5

179 15.6 12.4 18.6



#72

Anthracene

Concen: 45.521 ng

RT: 17.398 min Scan# 2416

Delta R.T. -0.006 min

Lab File: BM039433.D

Acq: 14 Apr 2023 14:27

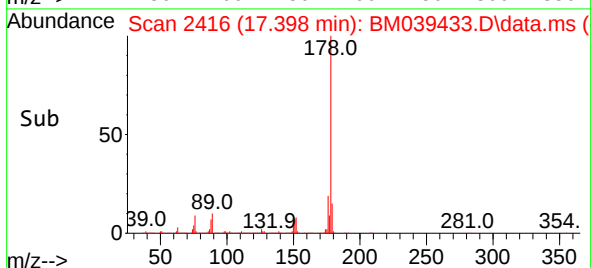
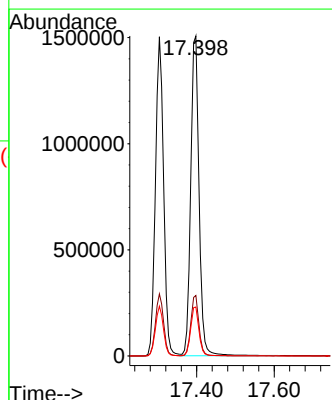
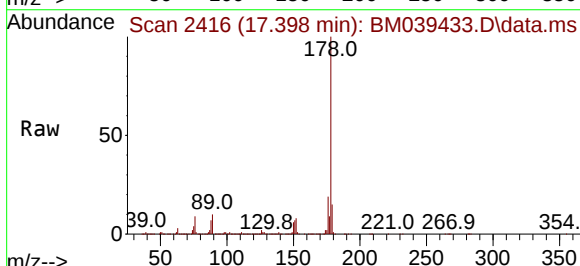
Tgt Ion:178 Resp: 2249462

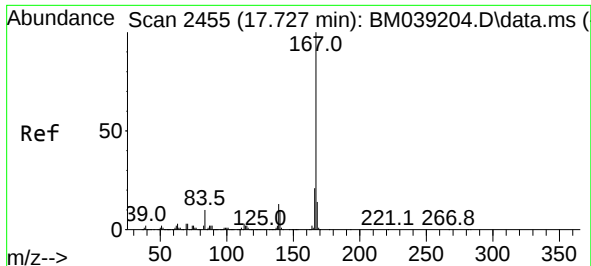
Ion Ratio Lower Upper

178 100

176 18.9 14.9 22.3

179 15.3 12.2 18.2

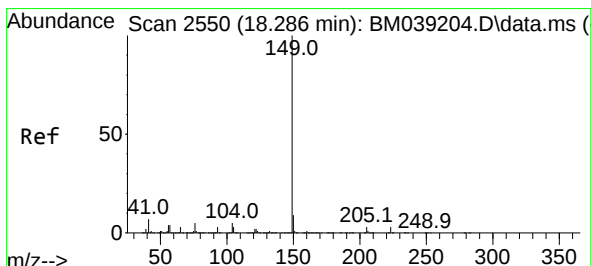
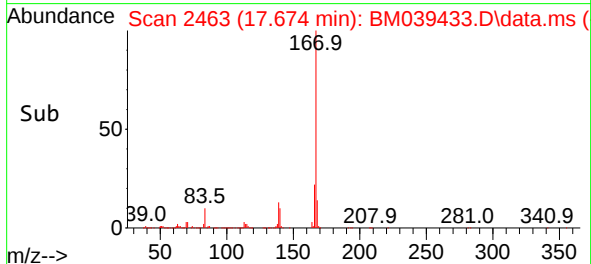
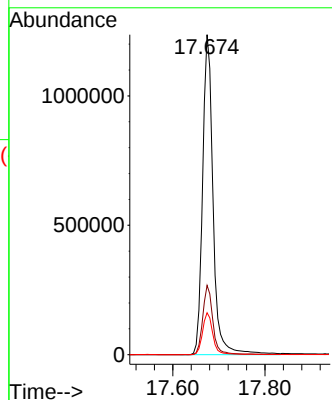
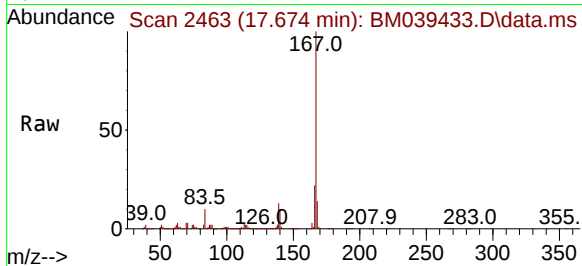




#73
 Carbazole
 Concen: 42.412 ng
 RT: 17.674 min Scan# 24
 Delta R.T. -0.006 min
 Lab File: BM039433.D
 Acq: 14 Apr 2023 14:27

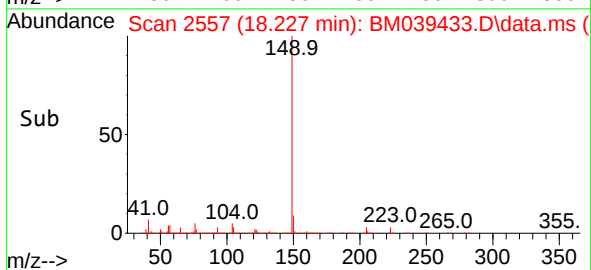
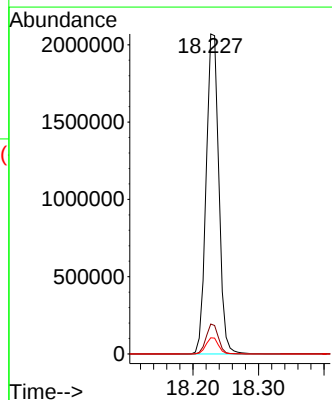
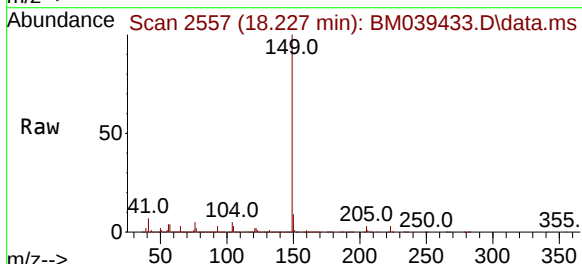
Instrument :
 BNA_M
 ClientSampleId :
 PB152106BS

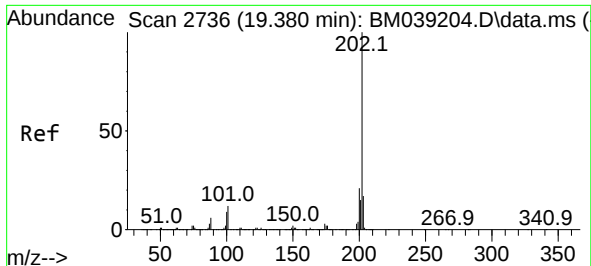
Tgt Ion:167 Resp: 1958377
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.2 25.8
 139 13.1 10.6 16.0



#74
 Di-n-butylphthalate
 Concen: 48.714 ng
 RT: 18.227 min Scan# 2557
 Delta R.T. -0.012 min
 Lab File: BM039433.D
 Acq: 14 Apr 2023 14:27

Tgt Ion:149 Resp: 2782481
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.5 11.3
 104 5.1 4.1 6.1

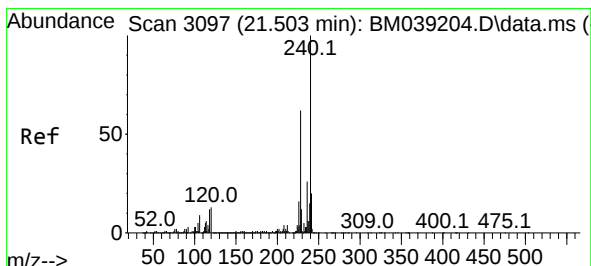
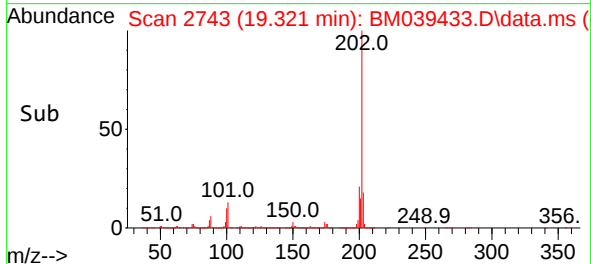
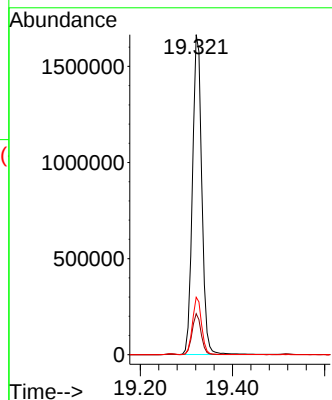
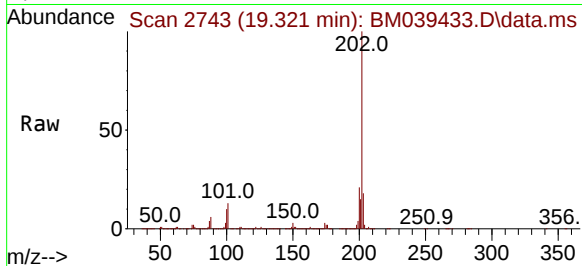




#75
Fluoranthene
Concen: 42.192 ng
RT: 19.321 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM039433.D
Acq: 14 Apr 2023 14:27

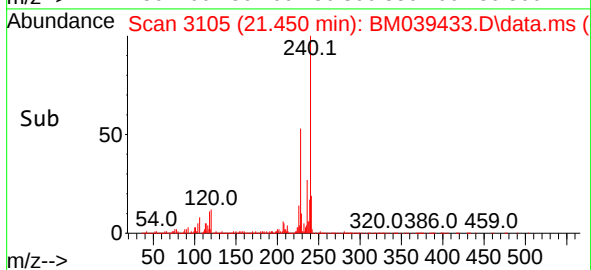
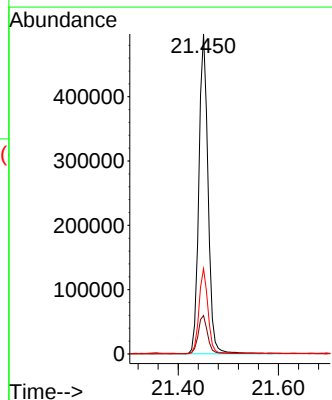
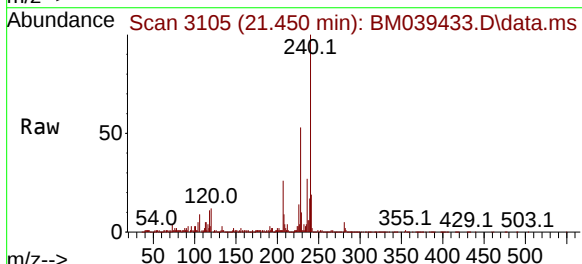
Instrument :
BNA_M
ClientSampleId :
PB152106BS

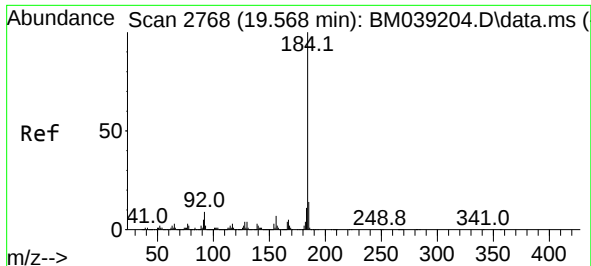
Tgt Ion:202 Resp: 2330839
Ion Ratio Lower Upper
202 100
101 12.8 0.0 32.5
203 17.9 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.450 min Scan# 3105
Delta R.T. -0.012 min
Lab File: BM039433.D
Acq: 14 Apr 2023 14:27

Tgt Ion:240 Resp: 629997
Ion Ratio Lower Upper
240 100
120 12.0 10.2 15.2
236 26.6 20.9 31.3

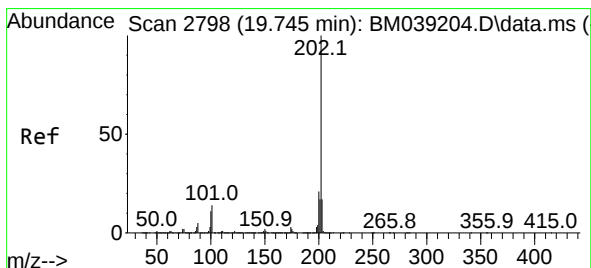
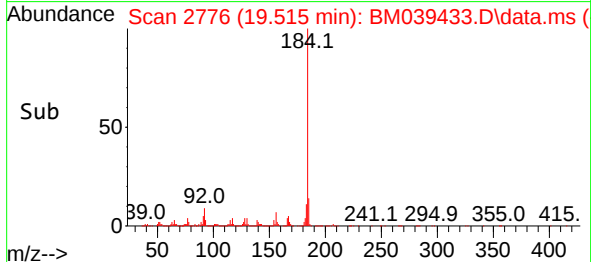
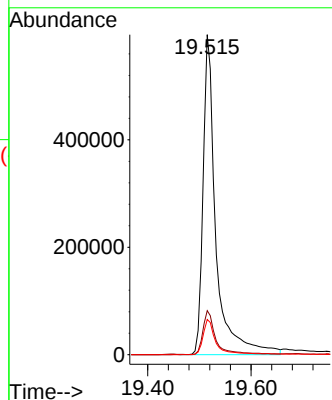
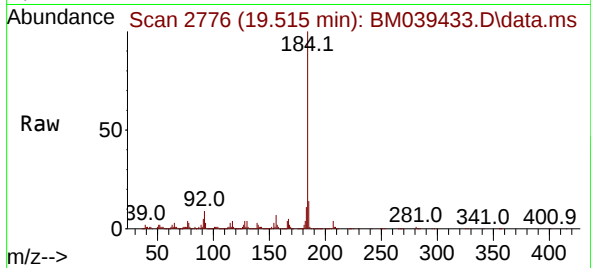




#77
Benzidine
Concen: 62.020 ng
RT: 19.515 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM039433.D
Acq: 14 Apr 2023 14:27

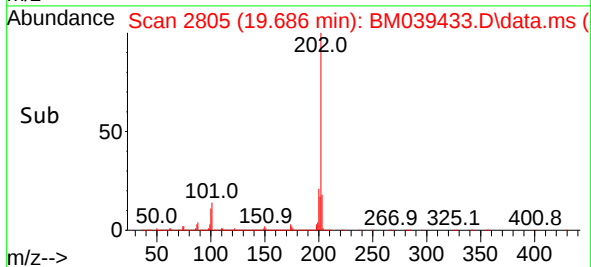
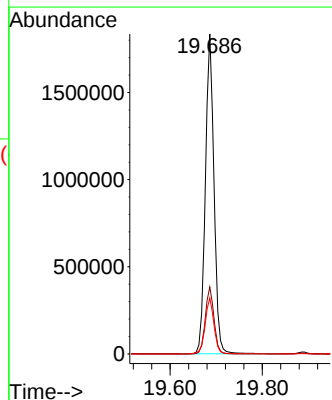
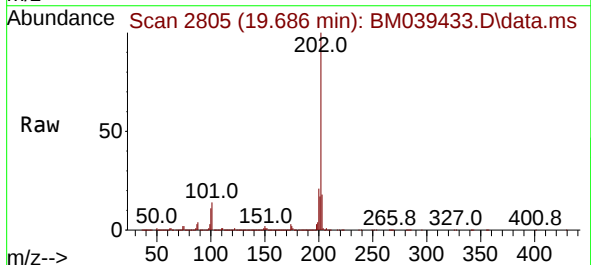
Instrument :
BNA_M
ClientSampleId :
PB152106BS

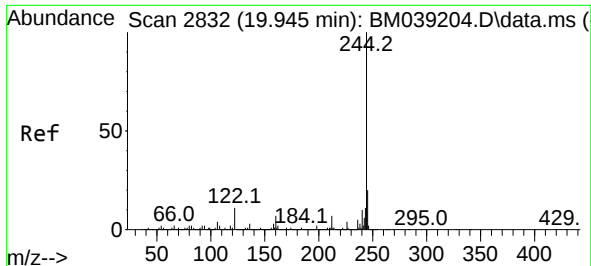
Tgt Ion:184 Resp: 1030590
Ion Ratio Lower Upper
184 100
185 13.7 11.4 17.0
183 11.0 9.0 13.4



#78
Pyrene
Concen: 53.620 ng
RT: 19.686 min Scan# 2805
Delta R.T. -0.012 min
Lab File: BM039433.D
Acq: 14 Apr 2023 14:27

Tgt Ion:202 Resp: 2404817
Ion Ratio Lower Upper
202 100
200 21.0 17.1 25.7
203 17.5 13.9 20.9

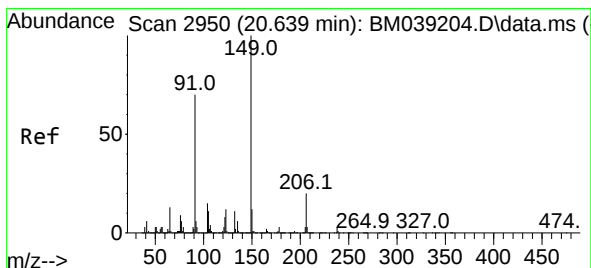
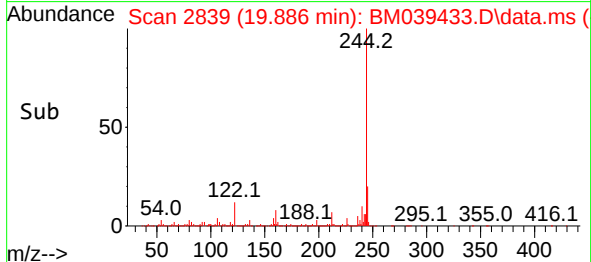
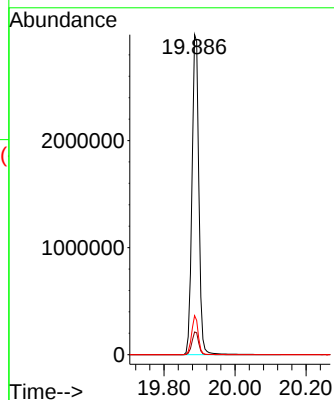
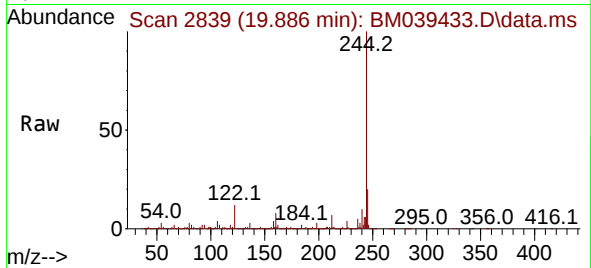




#79
 Terphenyl-d14
 Concen: 117.182 ng
 RT: 19.886 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BM039433.D
 Acq: 14 Apr 2023 14:27

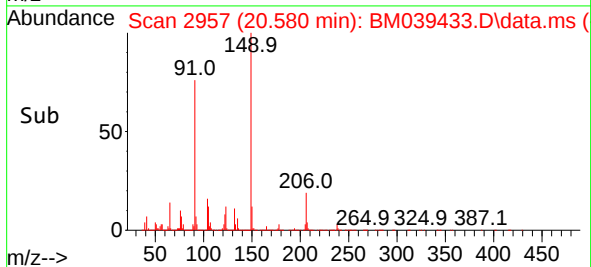
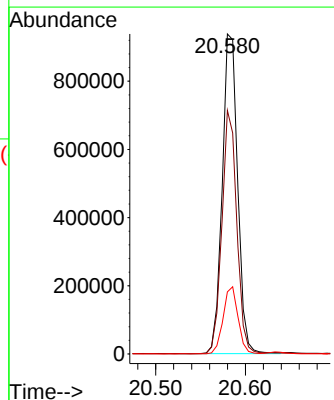
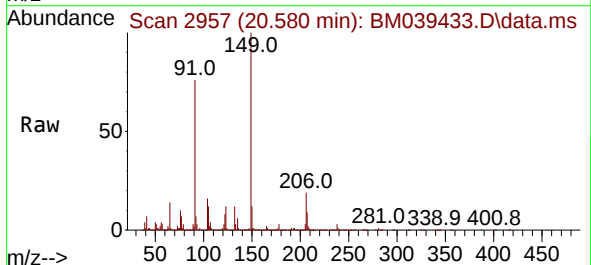
Instrument :
 BNA_M
 ClientSampleId :
 PB152106BS

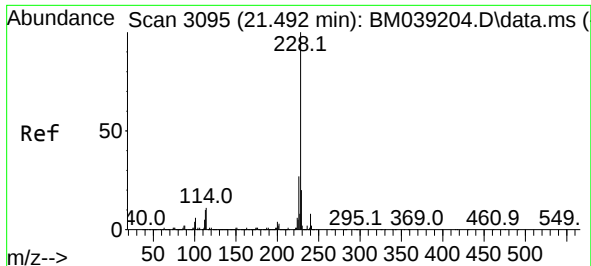
Tgt Ion:244 Resp: 3995781
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.6 8.4
 122 12.2 9.1 13.7



#80
 Butylbenzylphthalate
 Concen: 54.483 ng
 RT: 20.580 min Scan# 2957
 Delta R.T. -0.018 min
 Lab File: BM039433.D
 Acq: 14 Apr 2023 14:27

Tgt Ion:149 Resp: 1119440
 Ion Ratio Lower Upper
 149 100
 91 76.1 56.3 84.5
 206 19.4 16.4 24.6

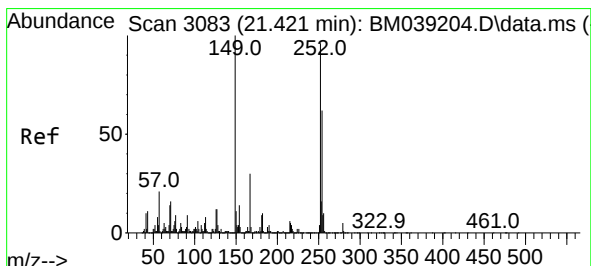
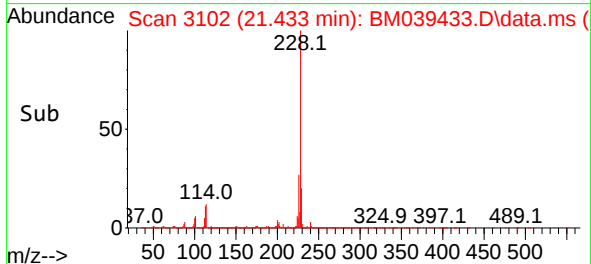
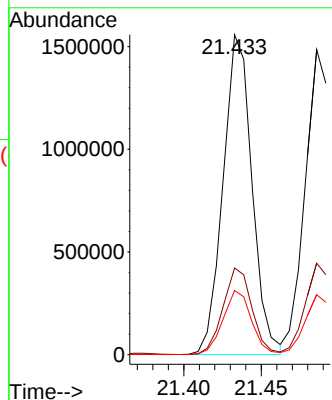
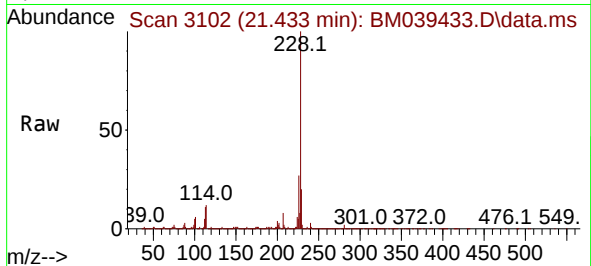




#81
Benzo(a)anthracene
Concen: 45.440 ng
RT: 21.433 min Scan# 31
Delta R.T. -0.012 min
Lab File: BM039433.D
Acq: 14 Apr 2023 14:27

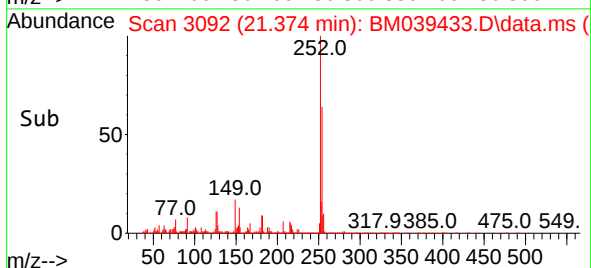
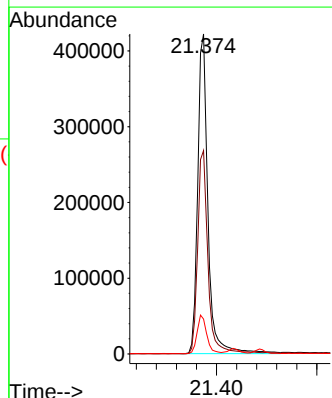
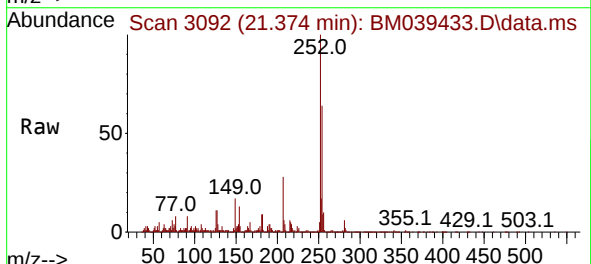
Instrument :
BNA_M
ClientSampleId :
PB152106BS

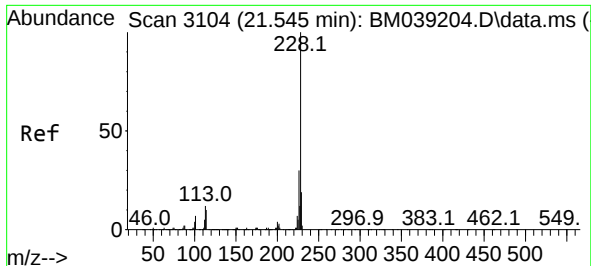
Tgt Ion:228 Resp: 2018953
Ion Ratio Lower Upper
228 100
226 27.1 21.9 32.9
229 20.1 15.8 23.6



#82
3,3'-Dichlorobenzidine
Concen: 40.286 ng
RT: 21.374 min Scan# 3092
Delta R.T. -0.012 min
Lab File: BM039433.D
Acq: 14 Apr 2023 14:27

Tgt Ion:252 Resp: 596280
Ion Ratio Lower Upper
252 100
254 63.6 51.8 77.8
126 10.9 10.1 15.1

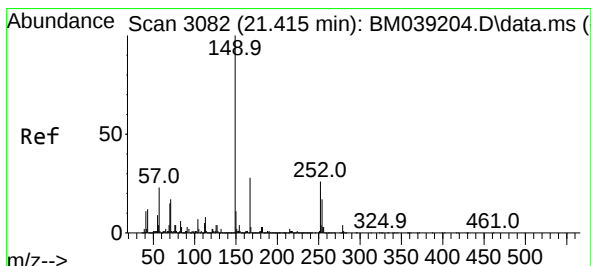
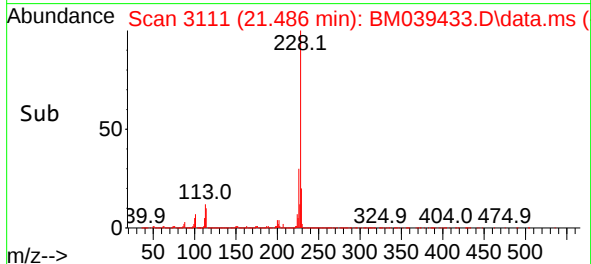
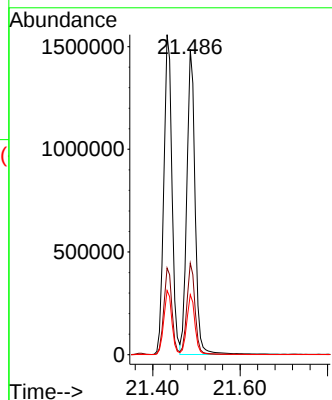
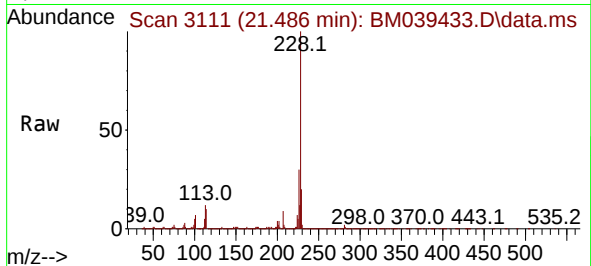




#83
Chrysene
Concen: 45.051 ng
RT: 21.486 min Scan# 3104
Delta R.T. -0.018 min
Lab File: BM039433.D
Acq: 14 Apr 2023 14:27

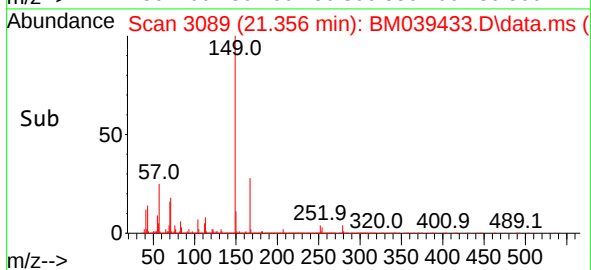
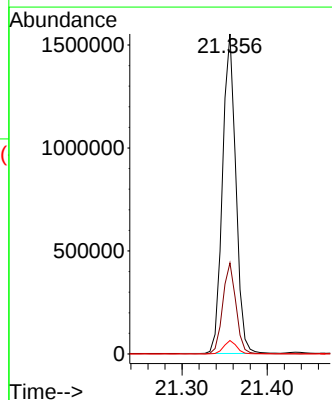
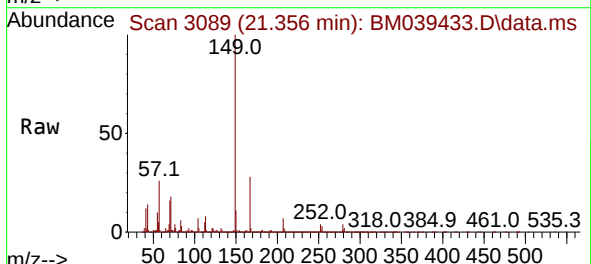
Instrument :
BNA_M
ClientSampleId :
PB152106BS

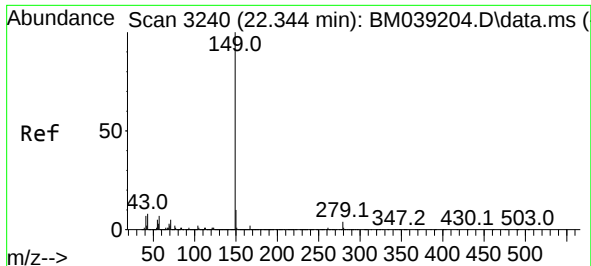
Tgt Ion:228 Resp: 1932341
Ion Ratio Lower Upper
228 100
226 30.0 24.1 36.1
229 19.6 15.5 23.3



#84
Bis(2-ethylhexyl)phthalate
Concen: 55.661 ng
RT: 21.356 min Scan# 3089
Delta R.T. -0.018 min
Lab File: BM039433.D
Acq: 14 Apr 2023 14:27

Tgt Ion:149 Resp: 1689063
Ion Ratio Lower Upper
149 100
167 28.4 22.3 33.5
279 4.2 3.4 5.2

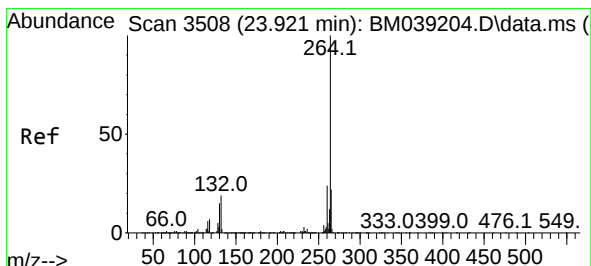
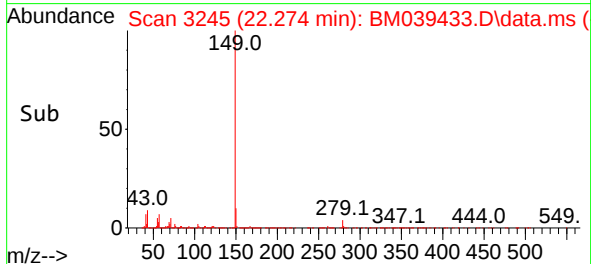
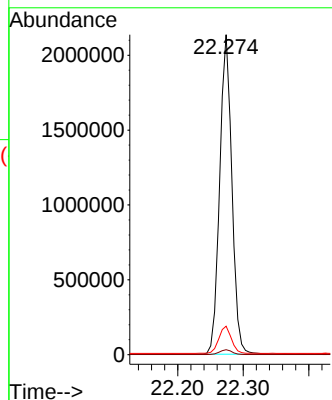
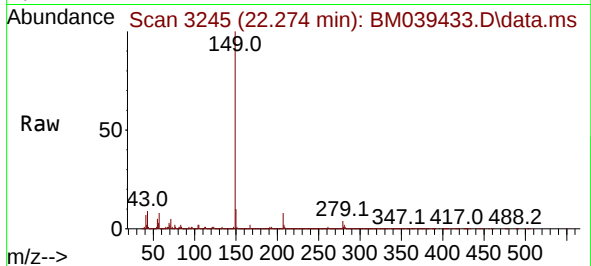




#85
Di-n-octyl phthalate
Concen: 49.986 ng
RT: 22.274 min Scan# 31
Delta R.T. -0.018 min
Lab File: BM039433.D
Acq: 14 Apr 2023 14:27

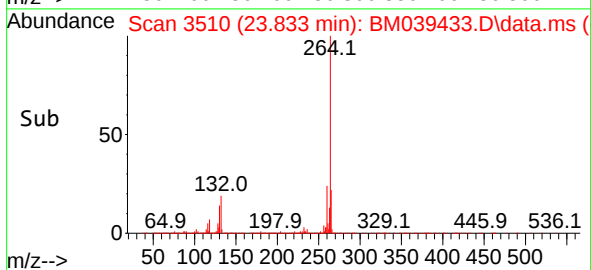
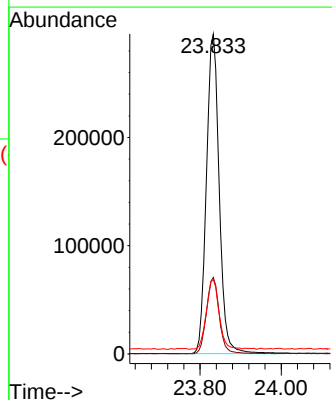
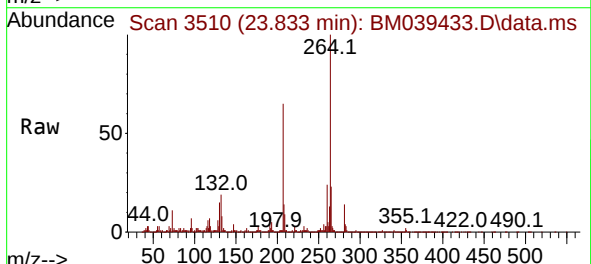
Instrument :
BNA_M
ClientSampleId :
PB152106BS

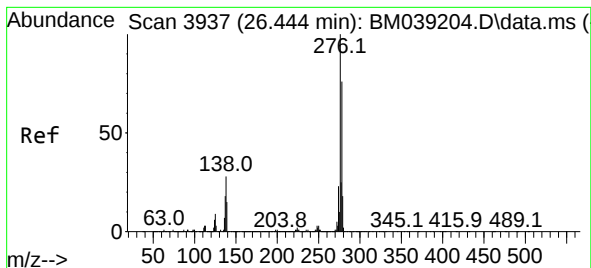
Tgt Ion:149 Resp: 2732850
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 8.8 6.9 10.3



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.833 min Scan# 3510
Delta R.T. -0.018 min
Lab File: BM039433.D
Acq: 14 Apr 2023 14:27

Tgt Ion:264 Resp: 643653
Ion Ratio Lower Upper
264 100
260 23.9 19.0 28.6
265 23.3 18.1 27.1





#87

Indeno(1,2,3-cd)pyrene

Concen: 46.849 ng

RT: 26.309 min Scan# 3931

Delta R.T. -0.029 min

Lab File: BM039433.D

Acq: 14 Apr 2023 14:27

Instrument :

BNA_M

ClientSampleId :

PB152106BS

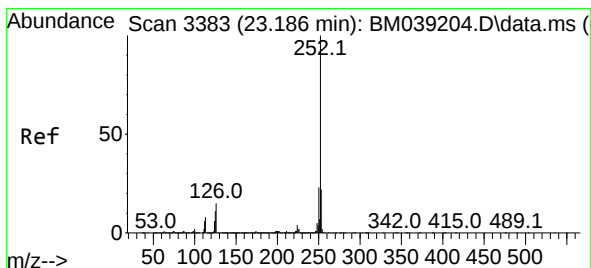
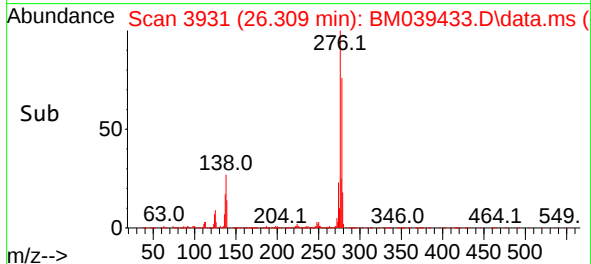
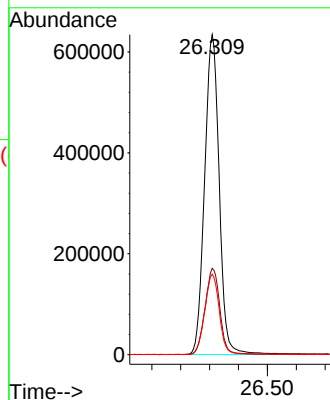
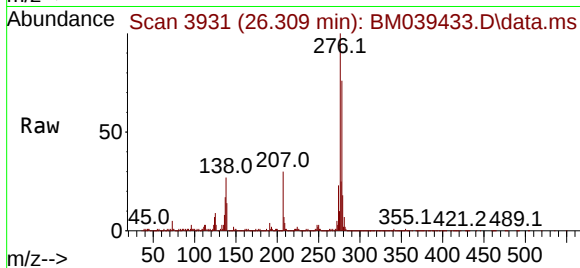
Tgt Ion:276 Resp: 2221773

Ion Ratio Lower Upper

276 100

138 27.2 22.2 33.2

277 25.0 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 49.173 ng

RT: 23.109 min Scan# 3387

Delta R.T. -0.018 min

Lab File: BM039433.D

Acq: 14 Apr 2023 14:27

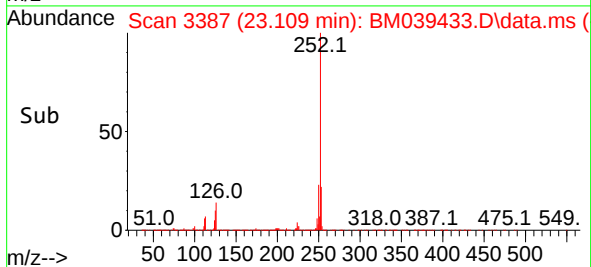
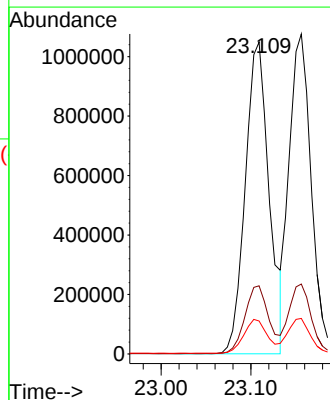
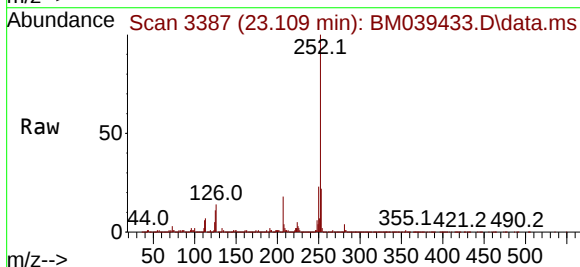
Tgt Ion:252 Resp: 1936602

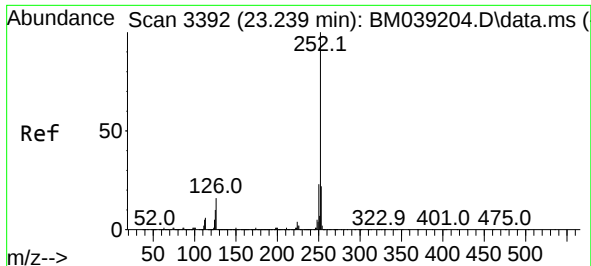
Ion Ratio Lower Upper

252 100

253 21.9 17.6 26.4

125 10.6 9.0 13.6

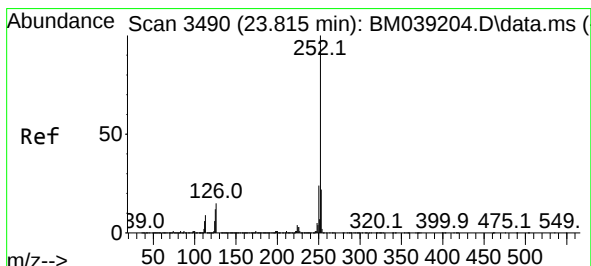
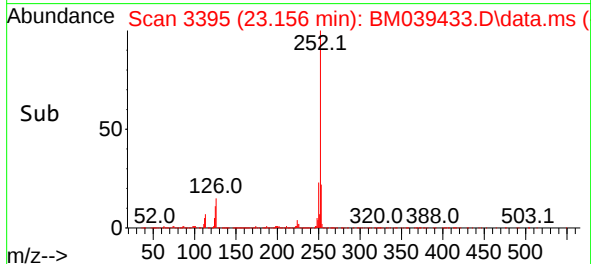
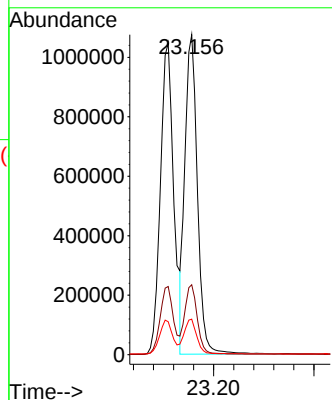
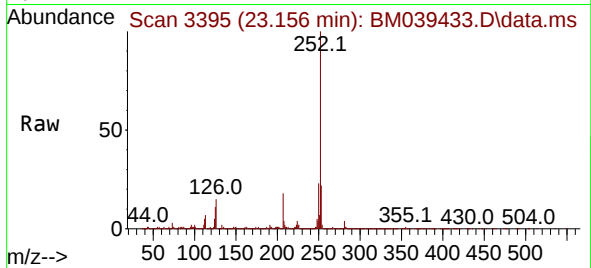




#89
Benzo(k)fluoranthene
Concen: 46.448 ng
RT: 23.156 min Scan# 31
Delta R.T. -0.018 min
Lab File: BM039433.D
Acq: 14 Apr 2023 14:27

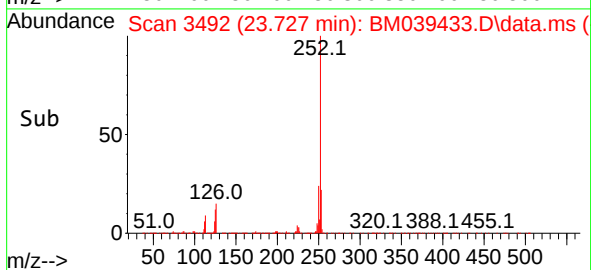
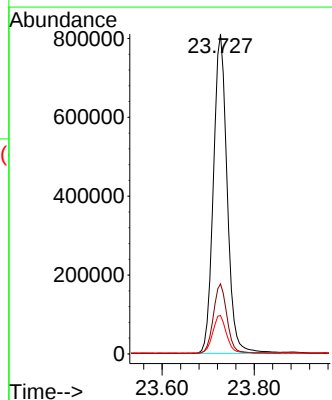
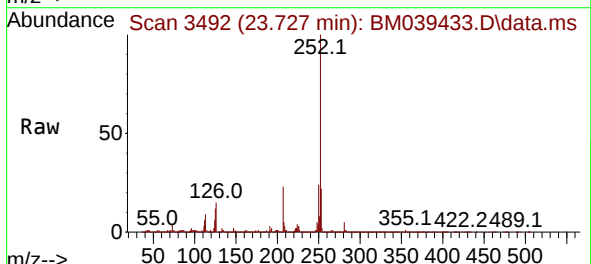
Instrument :
BNA_M
ClientSampleId :
PB152106BS

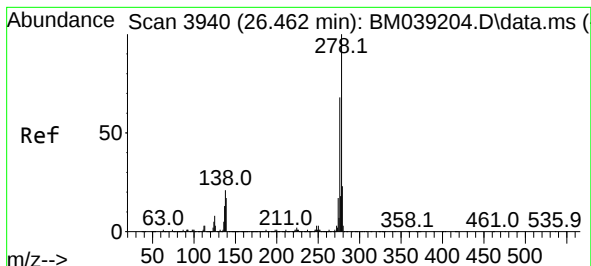
Tgt Ion:252 Resp: 1863308
Ion Ratio Lower Upper
252 100
253 21.9 17.8 26.8
125 11.1 8.5 12.7



#90
Benzo(a)pyrene
Concen: 43.367 ng
RT: 23.727 min Scan# 3492
Delta R.T. -0.023 min
Lab File: BM039433.D
Acq: 14 Apr 2023 14:27

Tgt Ion:252 Resp: 1677857
Ion Ratio Lower Upper
252 100
253 21.9 17.6 26.4
125 12.0 9.8 14.6





#91

Dibenzo(a,h)anthracene

Concen: 46.232 ng

RT: 26.321 min Scan# 3940

Delta R.T. -0.029 min

Lab File: BM039433.D

Acq: 14 Apr 2023 14:27

Instrument :

BNA_M

ClientSampleId :

PB152106BS

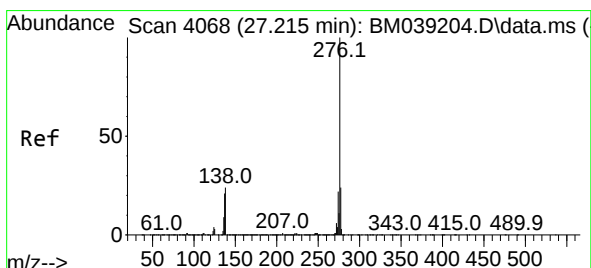
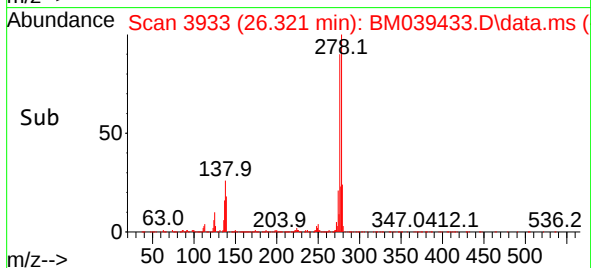
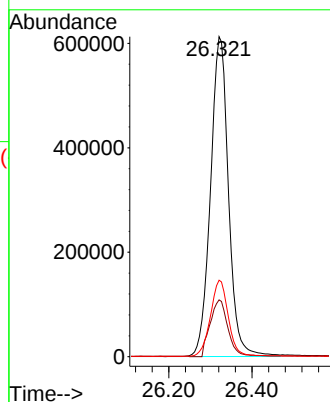
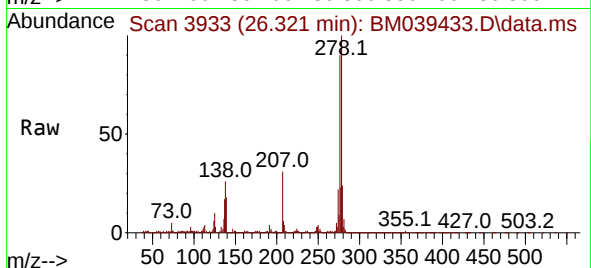
Tgt Ion:278 Resp: 1841038

Ion Ratio Lower Upper

278 100

139 17.8 13.9 20.9

279 23.9 18.8 28.2



#92

Benzo(g,h,i)perylene

Concen: 46.670 ng

RT: 27.068 min Scan# 4060

Delta R.T. -0.035 min

Lab File: BM039433.D

Acq: 14 Apr 2023 14:27

Tgt Ion:276 Resp: 1827682

Ion Ratio Lower Upper

276 100

277 24.2 19.1 28.7

138 23.8 19.5 29.3

