

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040423\
 Data File : BM039294.D
 Acq On : 04 Apr 2023 12:31
 Operator : CG/JU
 Sample : PB151768BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB151768BS

Quant Time: Apr 04 17:38:24 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 31 17:03:41 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.916	152	377115	20.000	ng	0.00
21) Naphthalene-d8	10.728	136	1493628	20.000	ng	0.00
39) Acenaphthene-d10	14.563	164	828913	20.000	ng	0.00
64) Phenanthrene-d10	17.310	188	1533816	20.000	ng	0.00
76) Chrysene-d12	21.498	240	1037412	20.000	ng	0.00
86) Perylene-d12	23.903	264	914065	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	2715003	108.466	ng	0.00
7) Phenol-d6	7.093	99	3380284	104.409	ng	0.00
23) Nitrobenzene-d5	9.087	82	2115625	68.842	ng	0.00
42) 2,4,6-Tribromophenol	16.057	330	1010336	96.019	ng	0.00
45) 2-Fluorobiphenyl	13.186	172	4178913	68.307	ng	0.00
79) Terphenyl-d14	19.933	244	4393242	78.240	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.346	88	388586	37.980	ng	99
3) Pyridine	3.752	79	990814	34.569	ng	98
4) n-Nitrosodimethylamine	3.663	42	473340	42.049	ng	100
6) Aniline	7.246	93	1480128	36.938	ng	100
8) 2-Chlorophenol	7.481	128	1159791	45.270	ng	98
9) Benzaldehyde	7.051	77	700546	37.996	ng	99
10) Phenol	7.116	94	1464777	45.147	ng	100
11) bis(2-Chloroethyl)ether	7.340	93	1124082	43.066	ng	99
12) 1,3-Dichlorobenzene	7.798	146	1195726	44.010	ng	99
13) 1,4-Dichlorobenzene	7.951	146	1211332	44.092	ng	99
14) 1,2-Dichlorobenzene	8.269	146	1181686	44.983	ng	99
15) Benzyl Alcohol	8.163	79	995336	44.698	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.445	45	1525068	45.681	ng	99
17) 2-Methylphenol	8.369	107	980079	43.176	ng	98
18) Hexachloroethane	8.992	117	479317	45.104	ng	99
19) n-Nitroso-di-n-propyla...	8.734	70	879893	42.516	ng	99
20) 3+4-Methylphenols	8.698	107	1312262	43.021	ng	97
22) Acetophenone	8.745	105	1741114	43.598	ng	99
24) Nitrobenzene	9.128	77	1304917	42.690	ng	100
25) Isophorone	9.657	82	2358597	41.140	ng	100
26) 2-Nitrophenol	9.839	139	623410	44.119	ng	97
27) 2,4-Dimethylphenol	9.904	122	1050628	44.751	ng	99
28) bis(2-Chloroethoxy)met...	10.139	93	1473636	42.461	ng	100
29) 2,4-Dichlorophenol	10.375	162	1027707	44.865	ng	99
30) 1,2,4-Trichlorobenzene	10.586	180	1069906	43.659	ng	100
31) Naphthalene	10.775	128	3365542	41.817	ng	99
32) Benzoic acid	10.081	122	785813	42.944	ng	97
33) 4-Chloroaniline	10.892	127	669148	18.978	ng	99
34) Hexachlorobutadiene	11.057	225	617030	42.820	ng	99
35) Caprolactam	11.698	113	310774	39.074	ng	95
36) 4-Chloro-3-methylphenol	12.022	107	1045795	41.380	ng	97
37) 2-Methylnaphthalene	12.386	142	2167122	38.680	ng	99
38) 1-Methylnaphthalene	12.604	142	2034621	38.783	ng	100
40) 1,2,4,5-Tetrachloroben...	12.757	216	1122696	44.485	ng	99
41) Hexachlorocyclopentadiene	12.728	237	1492929	108.281	ng	98
43) 2,4,6-Trichlorophenol	12.998	196	755139	43.874	ng	100

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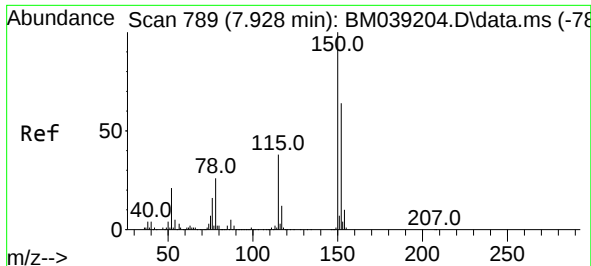
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.075	196	804328	39.863	ng	98
46) 1,1'-Biphenyl	13.398	154	2849600	43.534	ng	100
47) 2-Chloronaphthalene	13.439	162	2167054	43.724	ng	99
48) 2-Nitroaniline	13.651	65	687000	41.190	ng	99
49) Acenaphthylene	14.286	152	3368970	41.358	ng	99
50) Dimethylphthalate	14.027	163	2501555	39.159	ng	99
51) 2,6-Dinitrotoluene	14.145	165	558652	40.666	ng	97
52) Acenaphthene	14.627	154	1981071	41.187	ng	100
53) 3-Nitroaniline	14.474	138	380937	23.987	ng	97
54) 2,4-Dinitrophenol	14.686	184	679569	83.531	ng	99
55) Dibenzofuran	14.963	168	3093958	39.954	ng	99
56) 4-Nitrophenol	14.792	139	990781	80.904	ng	96
57) 2,4-Dinitrotoluene	14.933	165	751200	40.423	ng	96
58) Fluorene	15.610	166	2439540	39.784	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.192	232	656933	40.926	ng	100
60) Diethylphthalate	15.386	149	2471432	38.437	ng	100
61) 4-Chlorophenyl-phenyle...	15.604	204	1204685	39.641	ng	99
62) 4-Nitroaniline	15.639	138	579978	35.588	ng	98
63) Azobenzene	15.898	77	2612049	40.547	ng	99
65) 4,6-Dinitro-2-methylph...	15.698	198	422266	41.847	ng	98
66) n-Nitrosodiphenylamine	15.821	169	2093161	43.307	ng	99
67) 4-Bromophenyl-phenylether	16.498	248	702209	42.869	ng	99
68) Hexachlorobenzene	16.616	284	793273	44.664	ng	99
69) Atrazine	16.774	200	669272	43.720	ng	98
70) Pentachlorophenol	16.963	266	998534	78.362	ng	99
71) Phenanthrene	17.351	178	3466729	41.268	ng	100
72) Anthracene	17.445	178	3574765	41.733	ng	99
73) Carbazole	17.715	167	3236762	40.439	ng	100
74) Di-n-butylphthalate	18.274	149	3903542	39.426	ng	100
75) Fluoranthene	19.368	202	3445368	35.980	ng	100
77) Benzidine	19.556	184	1776680	64.930	ng	100
78) Pyrene	19.733	202	3556320	48.154	ng	100
80) Butylbenzylphthalate	20.627	149	1483599	43.849	ng	98
81) Benzo(a)anthracene	21.480	228	3002280	41.034	ng	100
82) 3,3'-Dichlorobenzidine	21.415	252	803391	32.962	ng	99
83) Chrysene	21.533	228	2803803	39.697	ng	99
84) Bis(2-ethylhexyl)phtha...	21.398	149	2042354	40.872	ng	100
85) Di-n-octyl phthalate	22.327	149	3166848	35.176	ng	99
87) Indeno(1,2,3-cd)pyrene	26.409	276	2572917	38.203	ng	99
88) Benzo(b)fluoranthene	23.168	252	2515836	44.982	ng	100
89) Benzo(k)fluoranthene	23.221	252	2579434	45.277	ng	99
90) Benzo(a)pyrene	23.797	252	2181021	39.696	ng	99
91) Dibenzo(a,h)anthracene	26.427	278	2150881	38.034	ng	99
92) Benzo(g,h,i)perylene	27.180	276	2089280	37.567	ng	99

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

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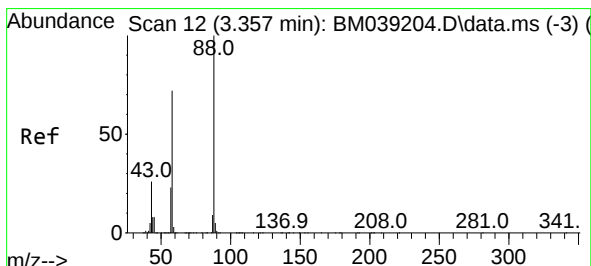
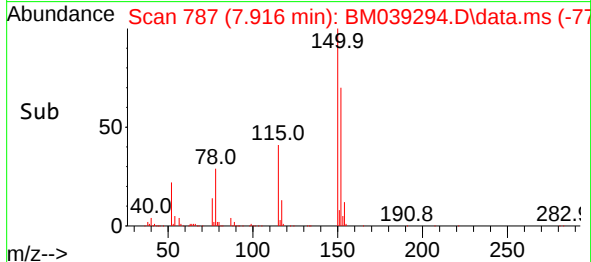
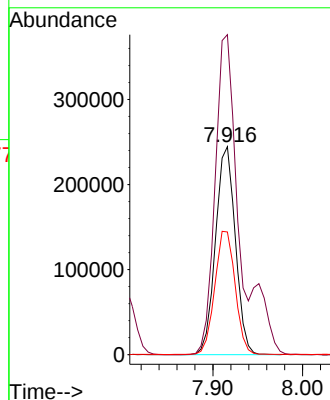
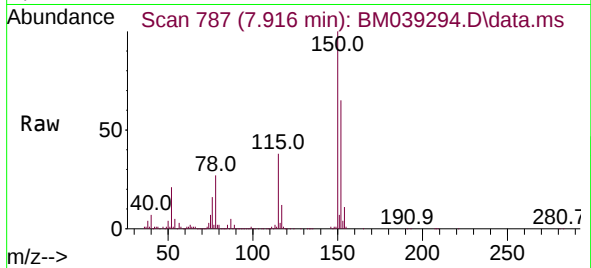




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.916 min Scan# 789
Delta R.T. 0.000 min
Lab File: BM039294.D
Acq: 04 Apr 2023 12:31

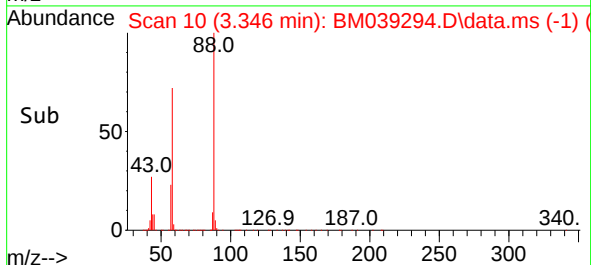
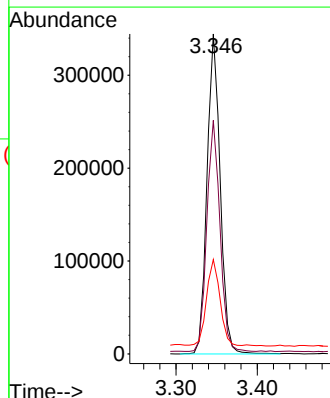
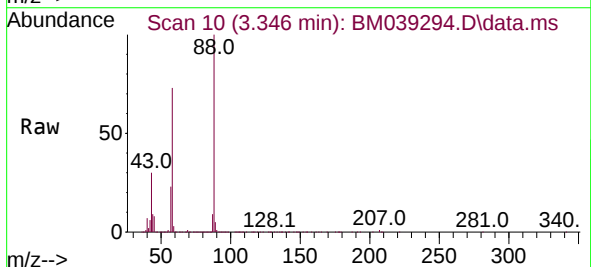
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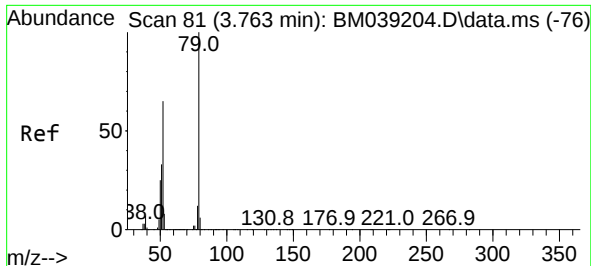
Tgt Ion:152 Resp: 377115
Ion Ratio Lower Upper
152 100
150 153.9 125.5 188.3
115 59.0 48.1 72.1



#2
1,4-Dioxane
Concen: 37.980 ng
RT: 3.346 min Scan# 10
Delta R.T. -0.000 min
Lab File: BM039294.D
Acq: 04 Apr 2023 12:31

Tgt Ion: 88 Resp: 388586
Ion Ratio Lower Upper
88 100
58 72.0 57.9 86.9
43 27.2 21.4 32.2

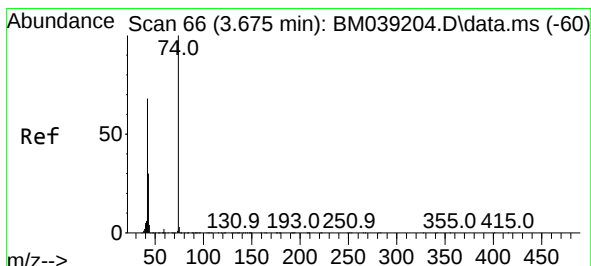
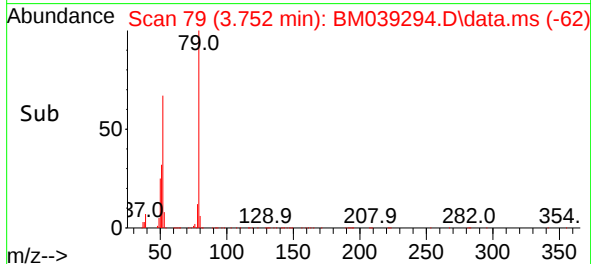
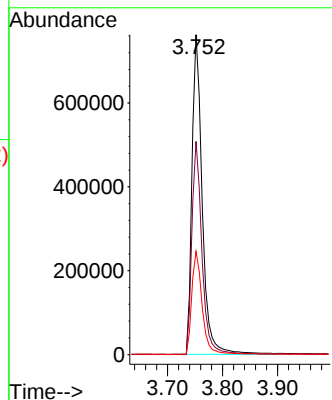
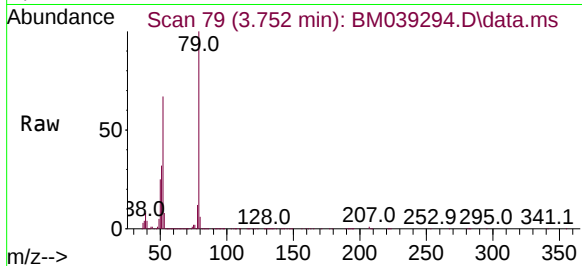




#3
 Pyridine
 Concen: 34.569 ng
 RT: 3.752 min Scan# 79
 Delta R.T. -0.000 min
 Lab File: BM039294.D
 Acq: 04 Apr 2023 12:31

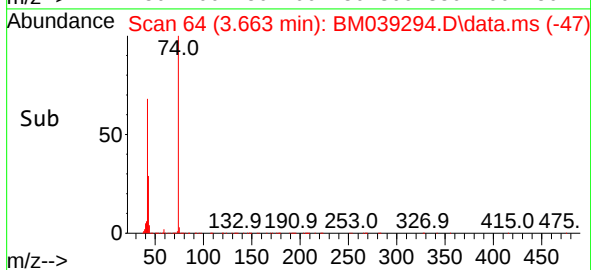
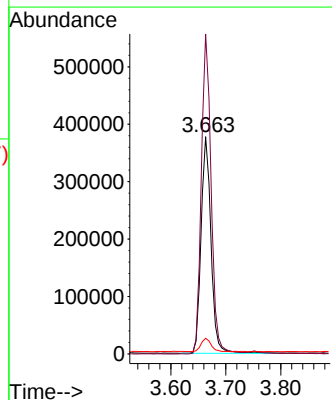
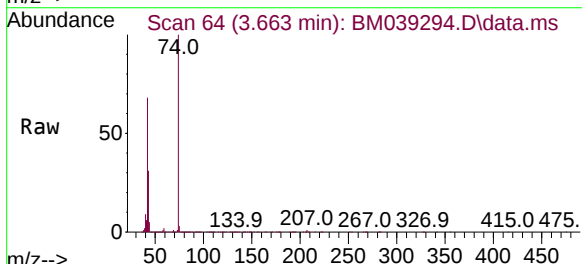
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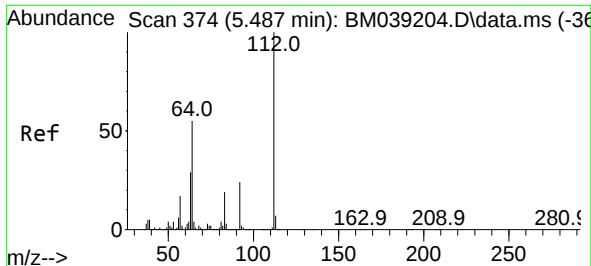
Tgt Ion: 79 Resp: 990814
 Ion Ratio Lower Upper
 79 100
 52 66.6 52.0 78.0
 51 32.2 26.4 39.6



#4
 n-Nitrosodimethylamine
 Concen: 42.049 ng
 RT: 3.663 min Scan# 64
 Delta R.T. -0.000 min
 Lab File: BM039294.D
 Acq: 04 Apr 2023 12:31

Tgt Ion: 42 Resp: 473340
 Ion Ratio Lower Upper
 42 100
 74 147.3 118.1 177.1
 44 7.2 6.3 9.5

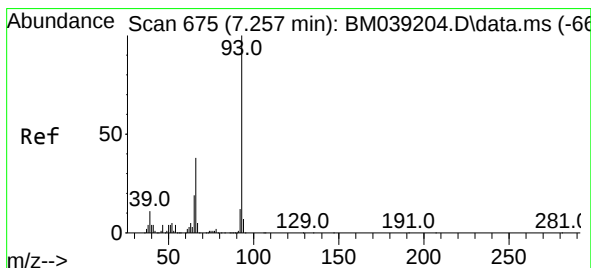
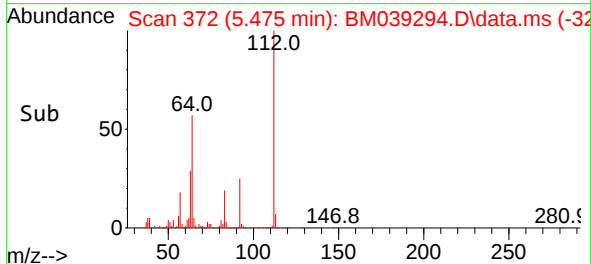
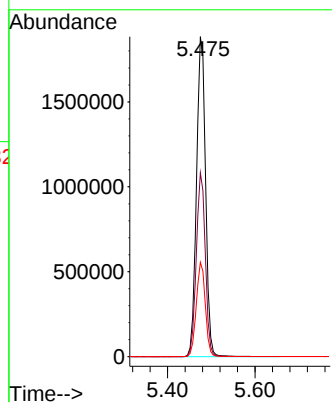
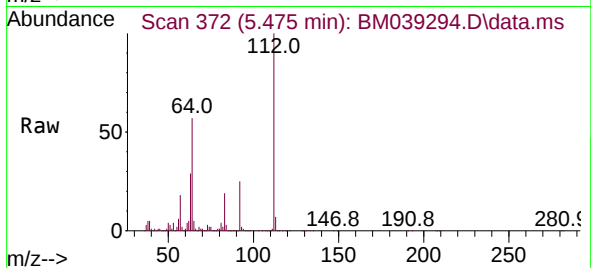




#5
2-Fluorophenol
Concen: 108.466 ng
RT: 5.475 min Scan# 374
Delta R.T. -0.000 min
Lab File: BM039294.D
Acq: 04 Apr 2023 12:31

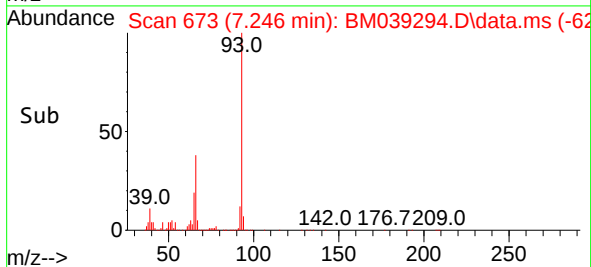
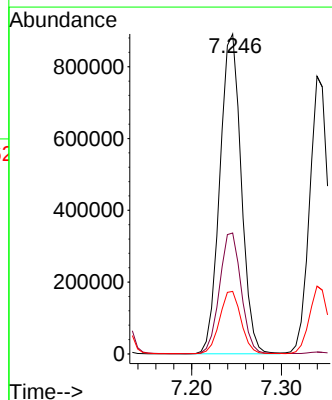
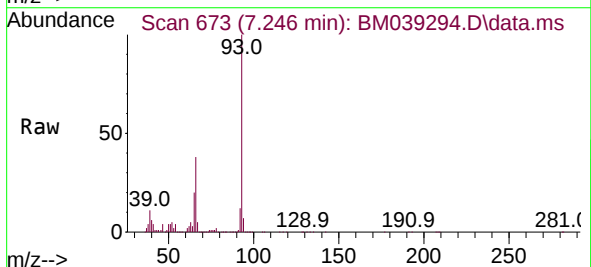
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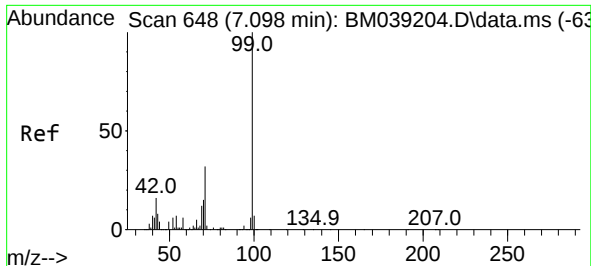
Tgt Ion:112 Resp: 2715003
Ion Ratio Lower Upper
112 100
64 57.4 44.3 66.5
63 29.5 23.0 34.6



#6
Aniline
Concen: 36.938 ng
RT: 7.246 min Scan# 673
Delta R.T. -0.000 min
Lab File: BM039294.D
Acq: 04 Apr 2023 12:31

Tgt Ion: 93 Resp: 1480128
Ion Ratio Lower Upper
93 100
66 37.8 30.1 45.1
65 19.5 15.5 23.3



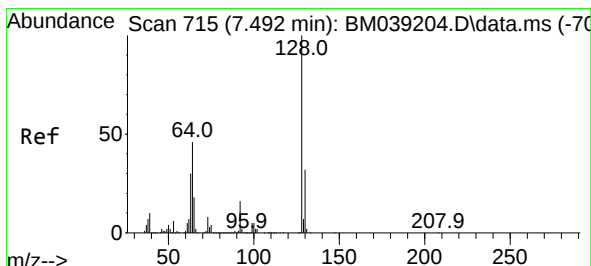
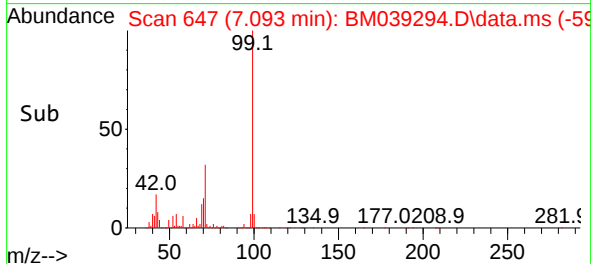
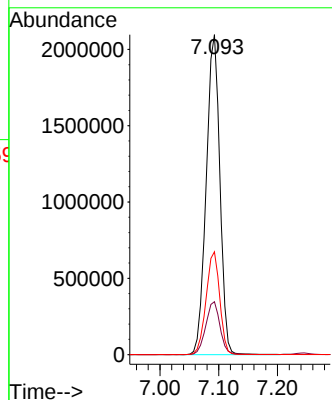
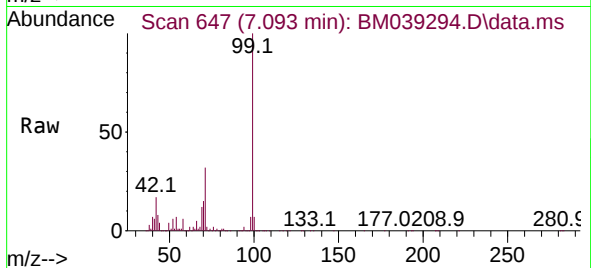


#7
Phenol-d6
Concen: 104.409 ng
RT: 7.093 min Scan# 647
Delta R.T. 0.006 min
Lab File: BM039294.D
Acq: 04 Apr 2023 12:31

Instrument :
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ClientSampleId :
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Tgt Ion: 99 Resp: 3380284

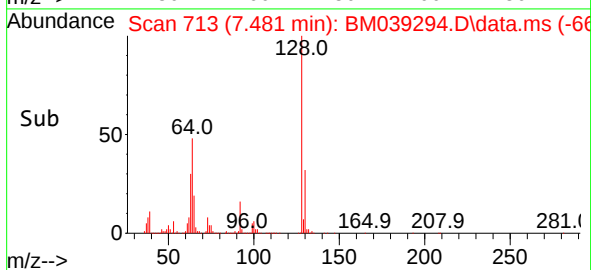
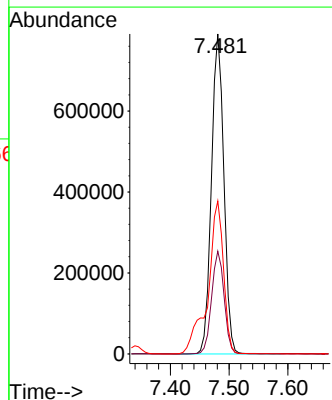
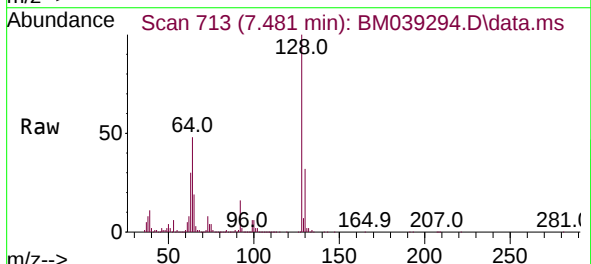
Ion	Ratio	Lower	Upper
99	100		
42	16.5	13.0	19.6
71	32.1	25.5	38.3

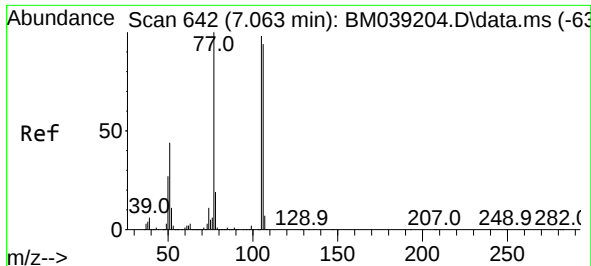


#8
2-Chlorophenol
Concen: 45.270 ng
RT: 7.481 min Scan# 713
Delta R.T. -0.000 min
Lab File: BM039294.D
Acq: 04 Apr 2023 12:31

Tgt Ion: 128 Resp: 1159791

Ion	Ratio	Lower	Upper
128	100		
130	32.1	12.2	52.2
64	47.8	25.9	65.9

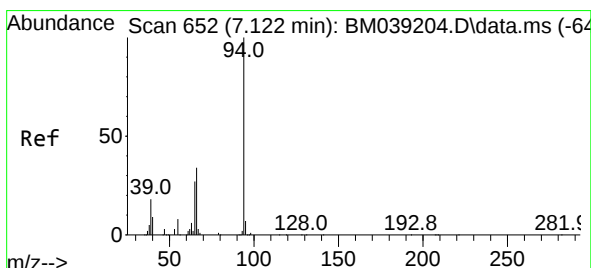
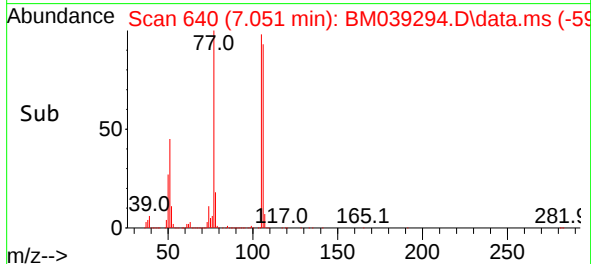
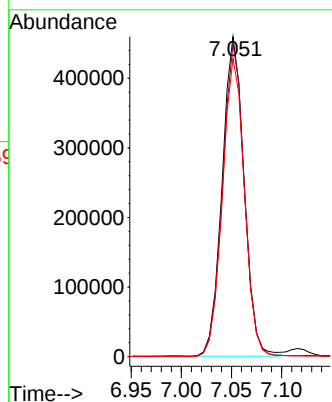
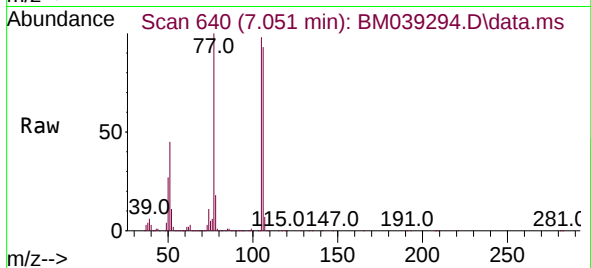




#9
Benzaldehyde
Concen: 37.996 ng
RT: 7.051 min Scan# 64
Delta R.T. -0.006 min
Lab File: BM039294.D
Acq: 04 Apr 2023 12:31

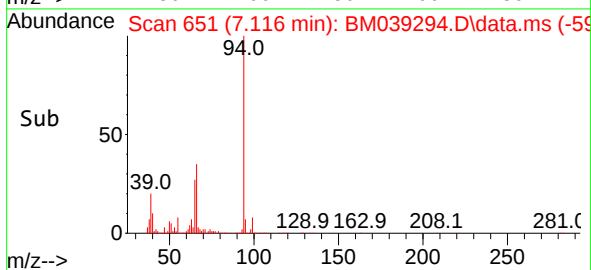
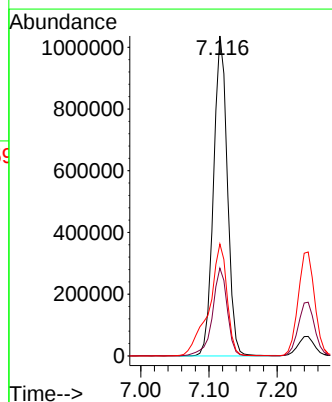
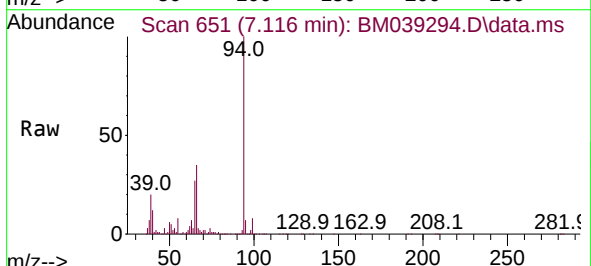
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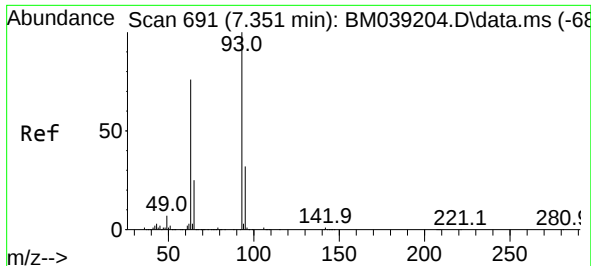
Tgt Ion: 77 Resp: 700546
Ion Ratio Lower Upper
77 100
105 97.7 78.2 118.2
106 93.2 73.8 113.8



#10
Phenol
Concen: 45.147 ng
RT: 7.116 min Scan# 651
Delta R.T. 0.006 min
Lab File: BM039294.D
Acq: 04 Apr 2023 12:31

Tgt Ion: 94 Resp: 1464777
Ion Ratio Lower Upper
94 100
65 27.4 7.2 47.2
66 35.0 15.2 55.2



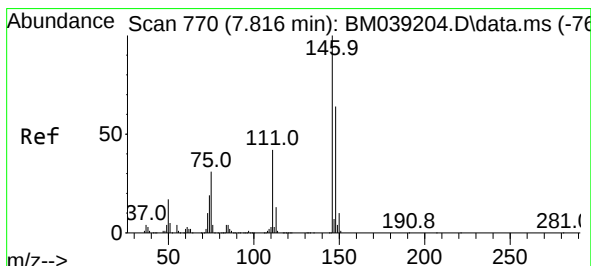
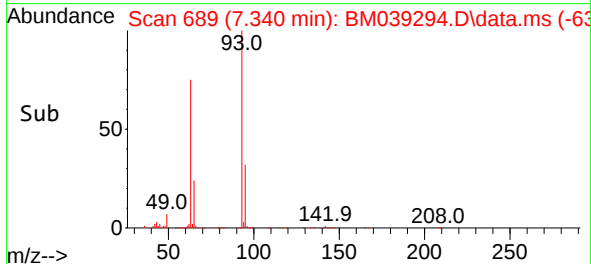
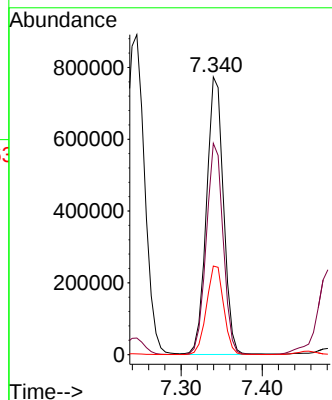
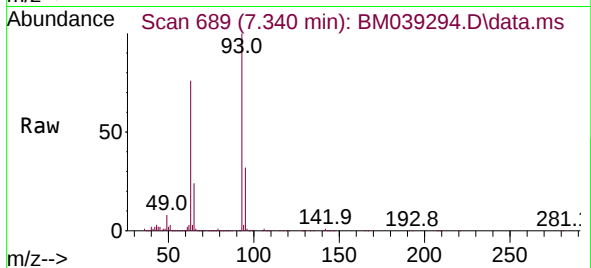


#11
bis(2-Chloroethyl)ether
Concen: 43.066 ng
RT: 7.340 min Scan# 689
Delta R.T. -0.000 min
Lab File: BM039294.D
Acq: 04 Apr 2023 12:31

Instrument :
BNA_M
ClientSampleId :
PB151768BS

Tgt Ion: 93 Resp: 1124082

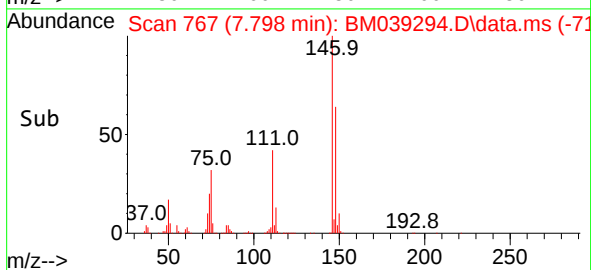
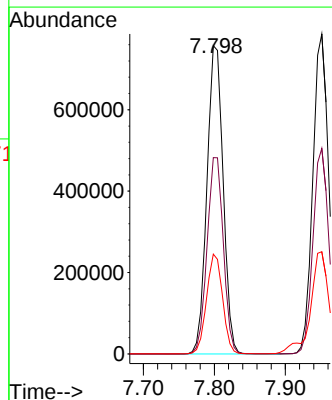
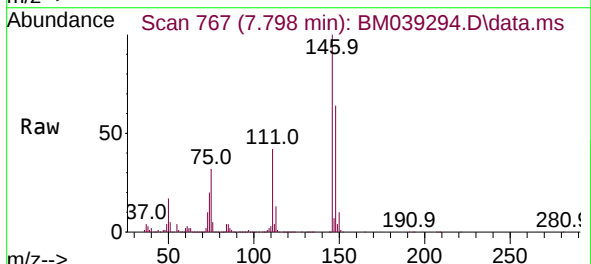
Ion	Ratio	Lower	Upper
93	100		
63	76.1	55.5	95.5
95	31.9	12.2	52.2

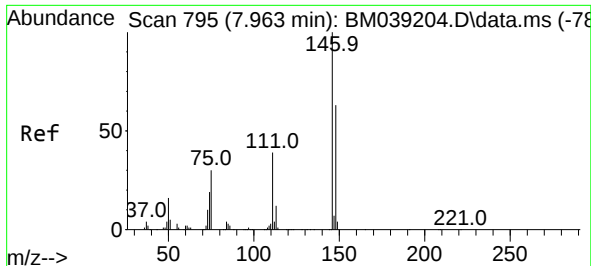


#12
1,3-Dichlorobenzene
Concen: 44.010 ng
RT: 7.798 min Scan# 767
Delta R.T. -0.006 min
Lab File: BM039294.D
Acq: 04 Apr 2023 12:31

Tgt Ion:146 Resp: 1195726

Ion	Ratio	Lower	Upper
146	100		
148	63.7	51.2	76.8
75	32.4	25.2	37.8

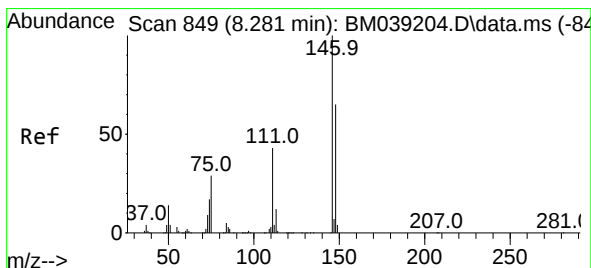
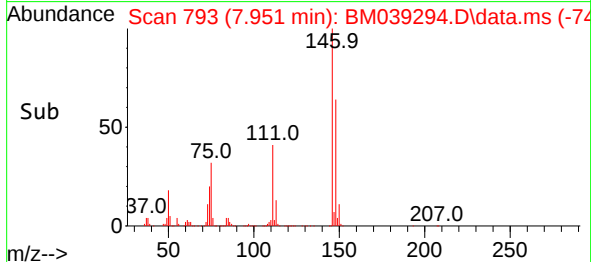
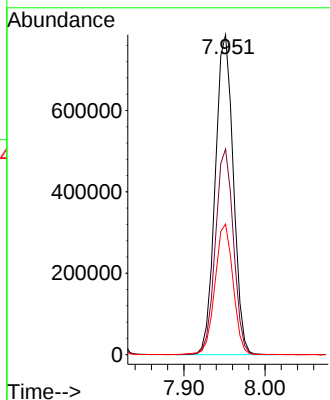
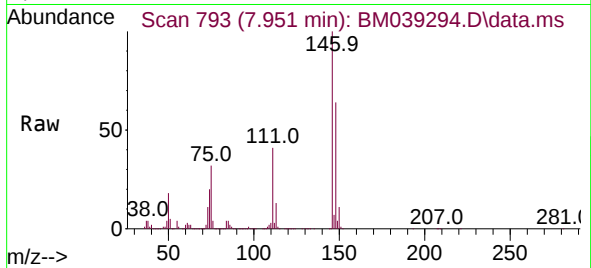




#13
1,4-Dichlorobenzene
Concen: 44.092 ng
RT: 7.951 min Scan# 795
Delta R.T. -0.000 min
Lab File: BM039294.D
Acq: 04 Apr 2023 12:31

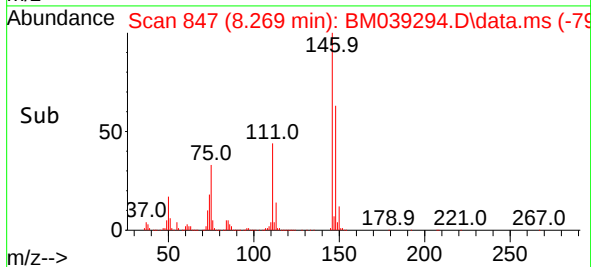
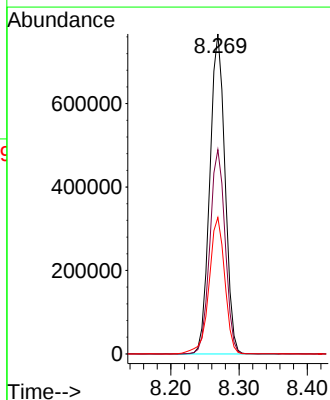
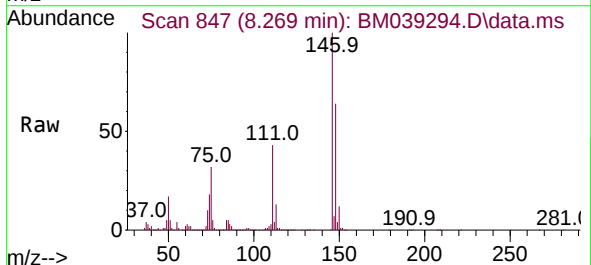
Instrument :
BNA_M
ClientSampleId :
PB151768BS

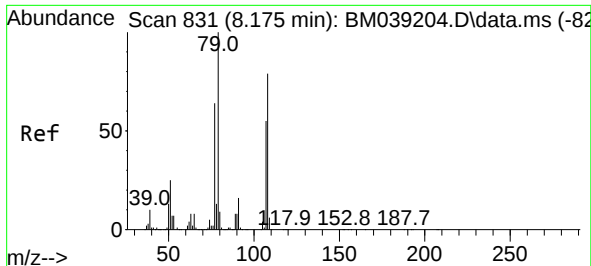
Tgt Ion:146 Resp: 1211332
Ion Ratio Lower Upper
146 100
148 64.2 50.8 76.2
111 40.8 31.5 47.3



#14
1,2-Dichlorobenzene
Concen: 44.983 ng
RT: 8.269 min Scan# 847
Delta R.T. -0.000 min
Lab File: BM039294.D
Acq: 04 Apr 2023 12:31

Tgt Ion:146 Resp: 1181686
Ion Ratio Lower Upper
146 100
148 63.8 52.1 78.1
111 42.6 34.5 51.7

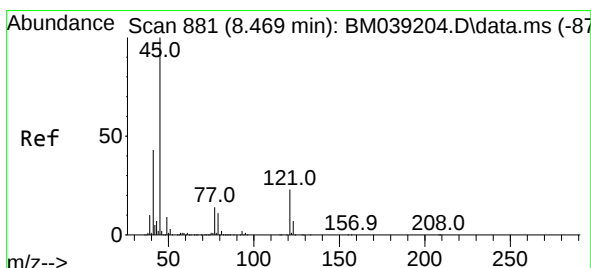
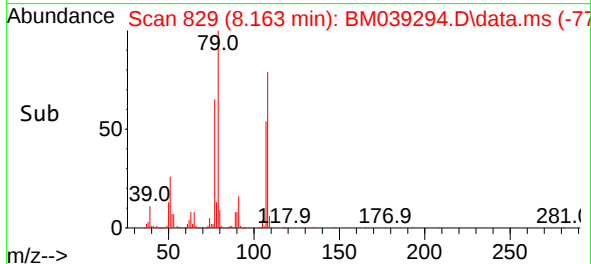
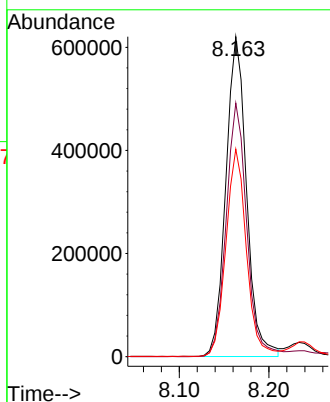
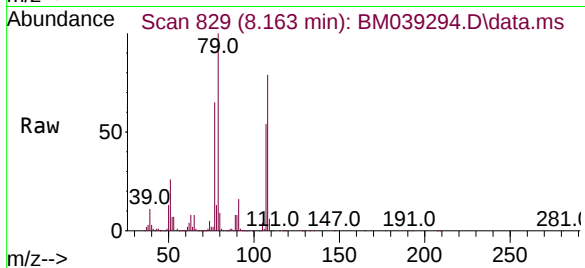




#15
Benzyl Alcohol
Concen: 44.698 ng
RT: 8.163 min Scan# 81
Delta R.T. -0.000 min
Lab File: BM039294.D
Acq: 04 Apr 2023 12:31

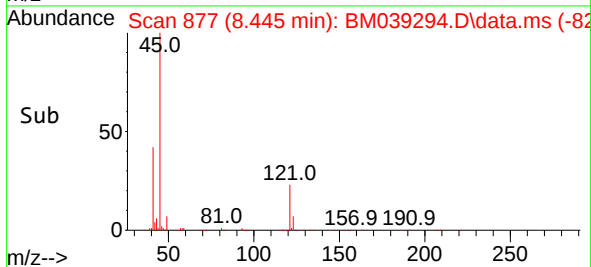
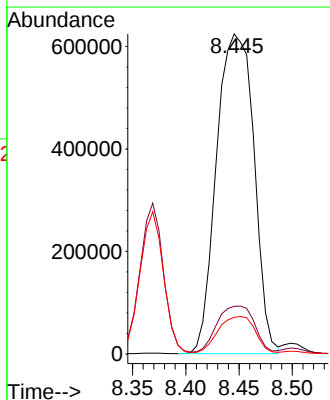
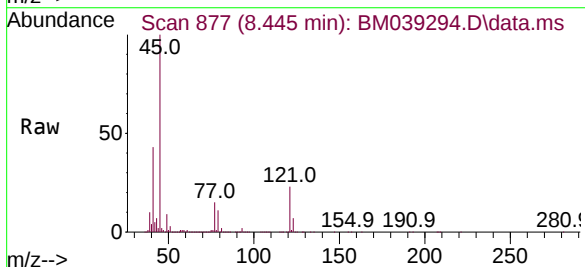
Instrument :
BNA_M
ClientSampleId :
PB151768BS

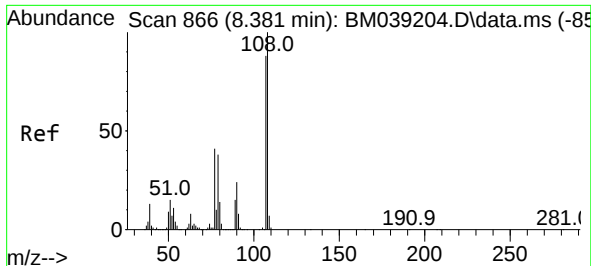
Tgt Ion: 79 Resp: 995336
Ion Ratio Lower Upper
79 100
108 79.2 63.4 95.0
77 64.8 51.5 77.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.681 ng
RT: 8.445 min Scan# 877
Delta R.T. -0.012 min
Lab File: BM039294.D
Acq: 04 Apr 2023 12:31

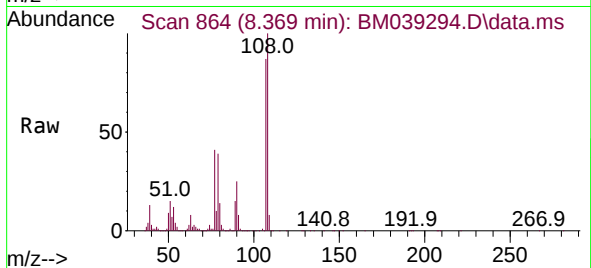
Tgt Ion: 45 Resp: 1525068
Ion Ratio Lower Upper
45 100
77 14.9 0.0 35.1
79 11.4 0.0 32.2



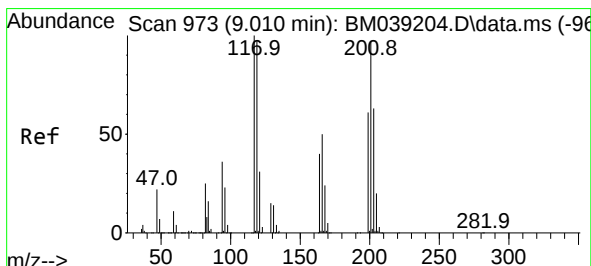
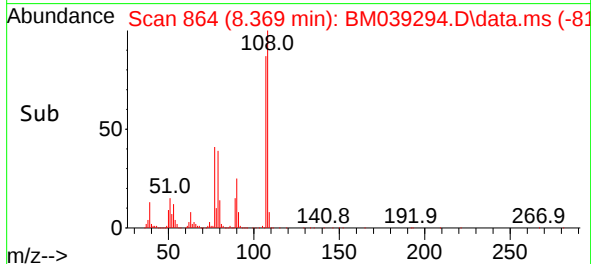
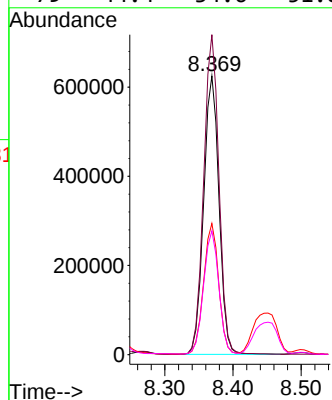


#17
2-Methylphenol
Concen: 43.176 ng
RT: 8.369 min Scan# 864
Delta R.T. -0.000 min
Lab File: BM039294.D
Acq: 04 Apr 2023 12:31

Instrument :
BNA_M
ClientSampleId :
PB151768BS

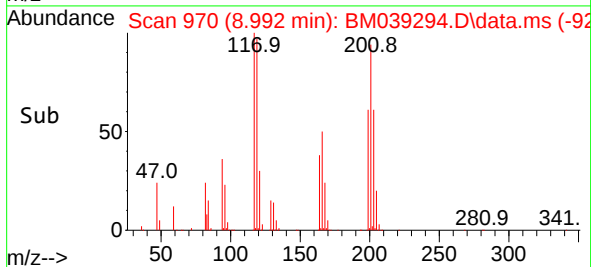
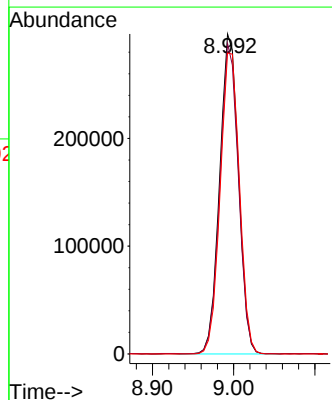
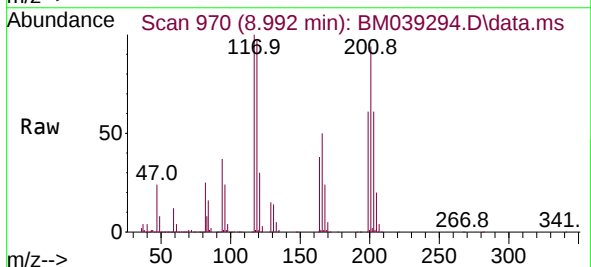


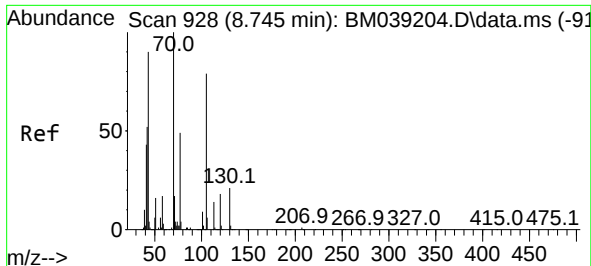
Tgt Ion:	107	Resp:	980079
Ion	Ratio	Lower	Upper
107	100		
108	114.9	90.6	136.0
77	47.1	37.0	55.4
79	44.4	34.6	51.8



#18
Hexachloroethane
Concen: 45.104 ng
RT: 8.992 min Scan# 970
Delta R.T. -0.006 min
Lab File: BM039294.D
Acq: 04 Apr 2023 12:31

Tgt Ion:	117	Resp:	479317
Ion	Ratio	Lower	Upper
117	100		
119	97.0	77.8	116.8
201	94.0	77.3	115.9





#19

n-Nitroso-di-n-propylamine

Concen: 42.516 ng

RT: 8.734 min Scan# 91

Delta R.T. -0.000 min

Lab File: BM039294.D

Acq: 04 Apr 2023 12:31

Instrument :

BNA_M

ClientSampleId :

PB151768BS

Tgt Ion: 70 Resp: 879893

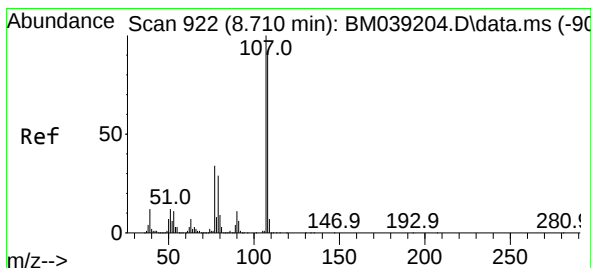
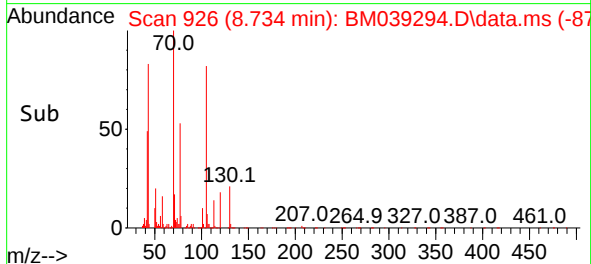
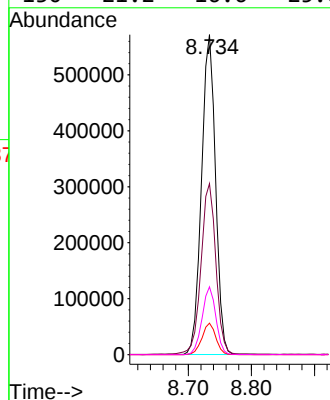
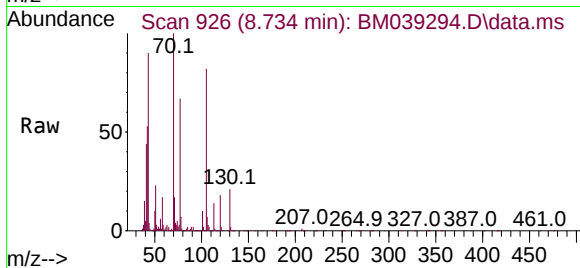
Ion Ratio Lower Upper

70 100

42 53.4 42.2 63.2

101 9.8 7.6 11.4

130 21.2 16.6 25.0



#20

3+4-Methylphenols

Concen: 43.021 ng

RT: 8.698 min Scan# 920

Delta R.T. -0.000 min

Lab File: BM039294.D

Acq: 04 Apr 2023 12:31

Tgt Ion: 107 Resp: 1312262

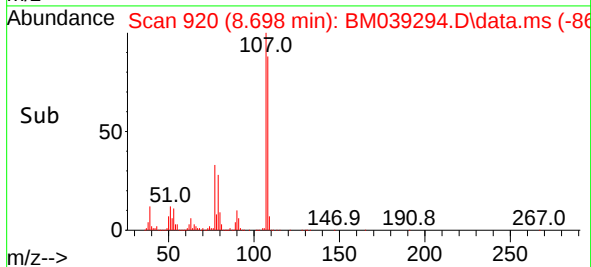
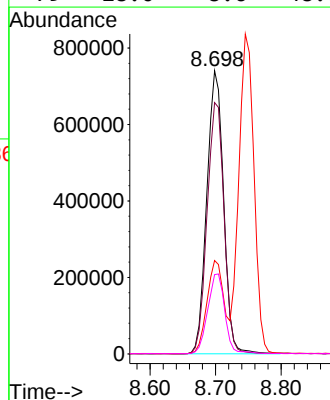
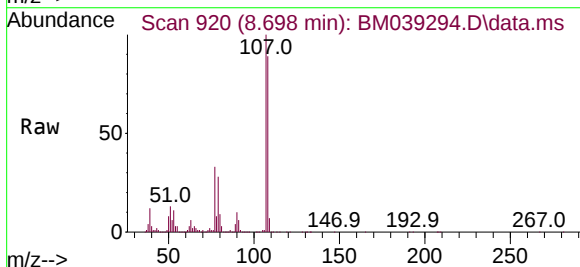
Ion Ratio Lower Upper

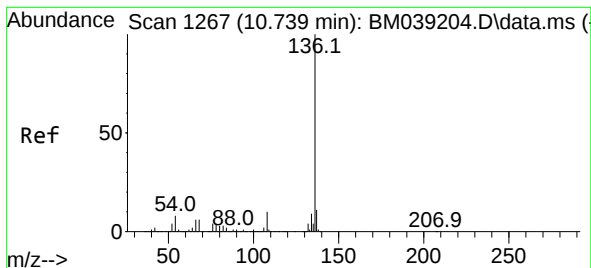
107 100

108 88.8 72.1 112.1

77 33.0 13.7 53.7

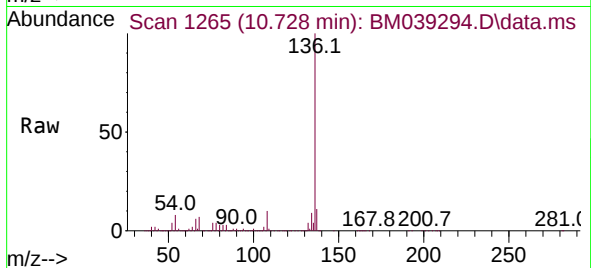
79 28.0 8.6 48.6



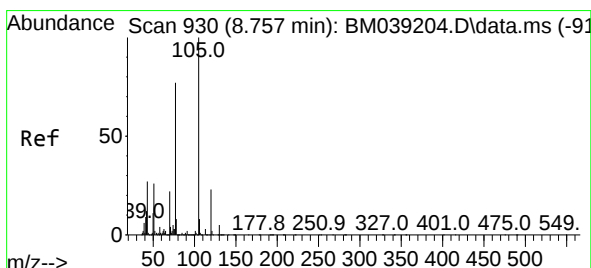
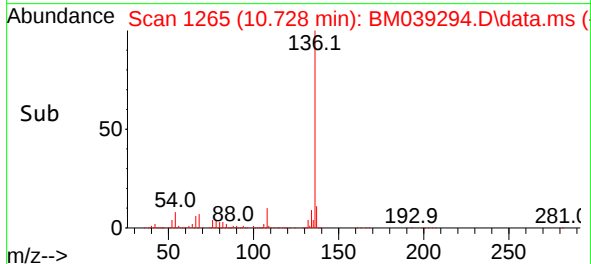
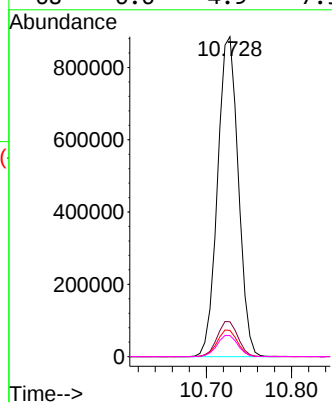


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.728 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM039294.D
Acq: 04 Apr 2023 12:31

Instrument :
BNA_M
ClientSampleId :
PB151768BS

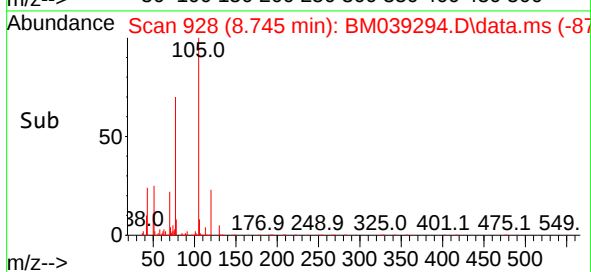
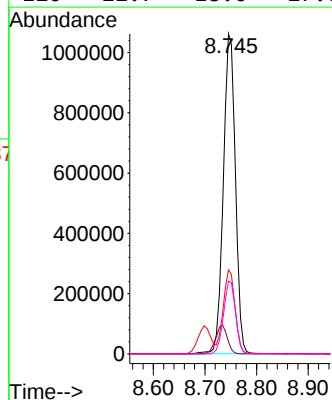
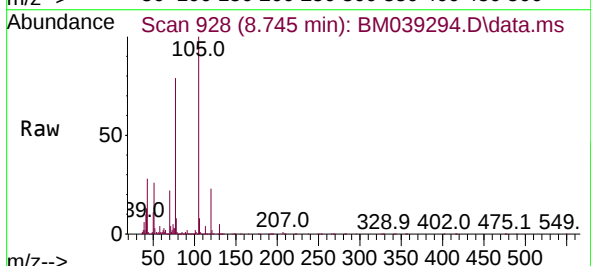


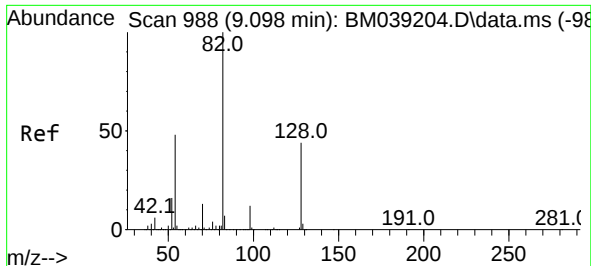
Tgt Ion:136 Resp: 1493628
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 8.2 6.2 9.4
68 6.6 4.9 7.3



#22
Acetophenone
Concen: 43.598 ng
RT: 8.745 min Scan# 928
Delta R.T. -0.000 min
Lab File: BM039294.D
Acq: 04 Apr 2023 12:31

Tgt Ion:105 Resp: 1741114
Ion Ratio Lower Upper
105 100
71 3.8 2.8 4.2
51 26.2 20.6 31.0
120 22.7 18.0 27.0

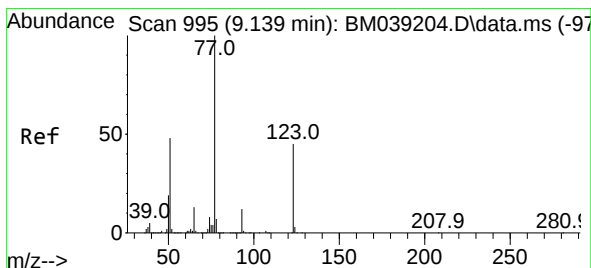
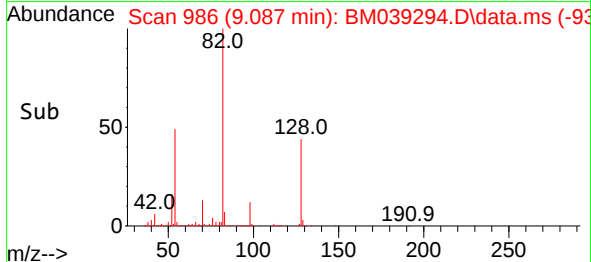
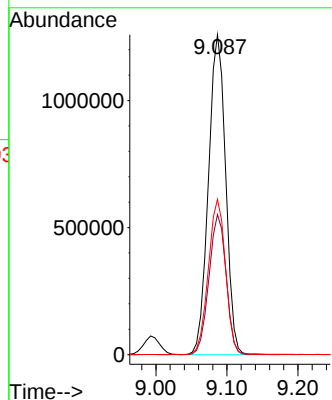
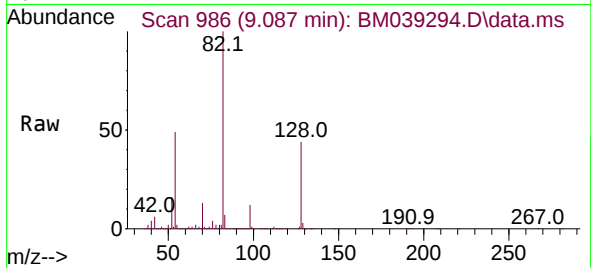




#23
Nitrobenzene-d5
Concen: 68.842 ng
RT: 9.087 min Scan# 986
Delta R.T. -0.000 min
Lab File: BM039294.D
Acq: 04 Apr 2023 12:31

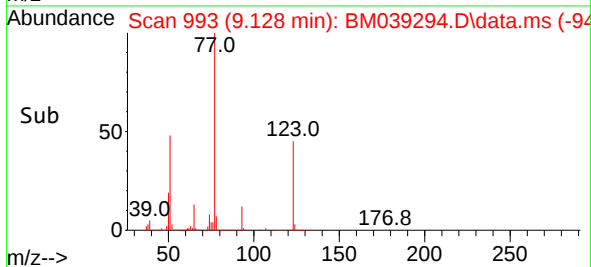
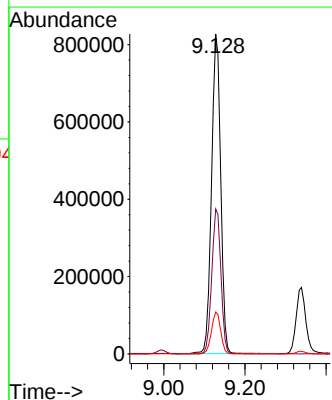
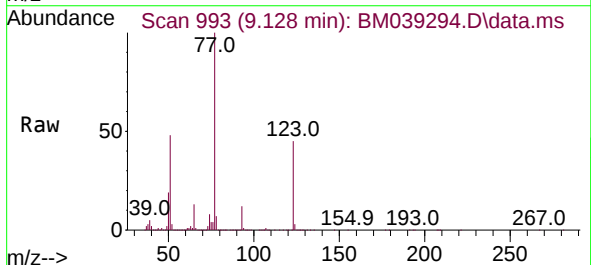
Instrument :
BNA_M
ClientSampleId :
PB151768BS

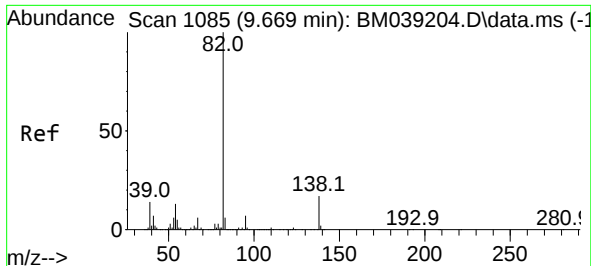
Tgt Ion: 82 Resp: 2115625
Ion Ratio Lower Upper
82 100
128 43.8 35.1 52.7
54 48.5 38.5 57.7



#24
Nitrobenzene
Concen: 42.690 ng
RT: 9.128 min Scan# 993
Delta R.T. -0.000 min
Lab File: BM039294.D
Acq: 04 Apr 2023 12:31

Tgt Ion: 77 Resp: 1304917
Ion Ratio Lower Upper
77 100
123 45.3 36.2 54.2
65 13.1 10.6 15.8

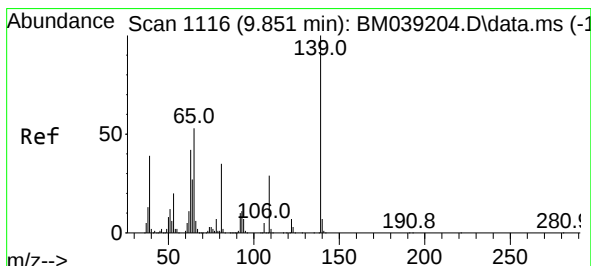
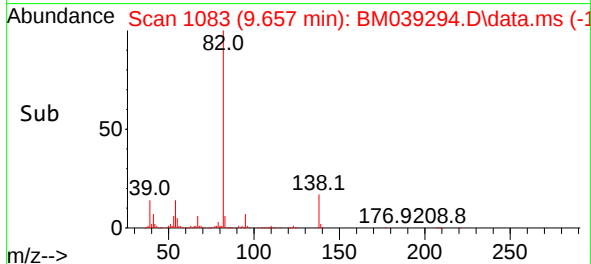
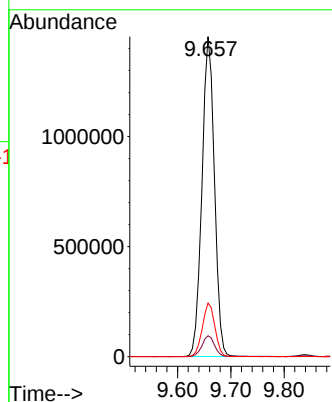
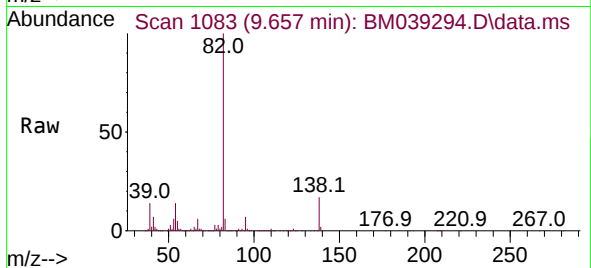




#25
Isophorone
Concen: 41.140 ng
RT: 9.657 min Scan# 1083
Delta R.T. -0.000 min
Lab File: BM039294.D
Acq: 04 Apr 2023 12:31

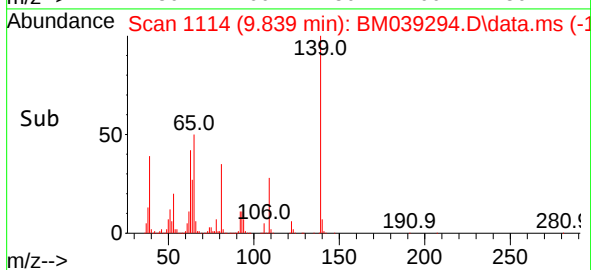
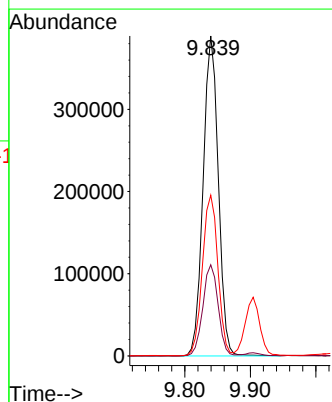
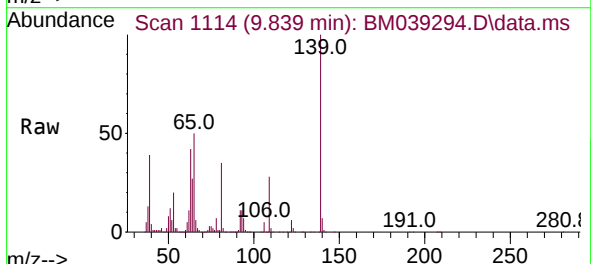
Instrument :
BNA_M
ClientSampleId :
PB151768BS

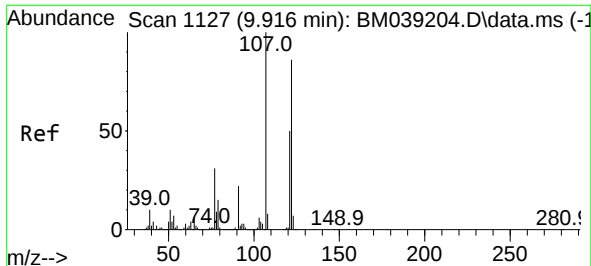
Tgt Ion: 82 Resp: 2358597
Ion Ratio Lower Upper
82 100
95 6.5 5.2 7.8
138 16.7 13.5 20.3



#26
2-Nitrophenol
Concen: 44.119 ng
RT: 9.839 min Scan# 1114
Delta R.T. -0.000 min
Lab File: BM039294.D
Acq: 04 Apr 2023 12:31

Tgt Ion: 139 Resp: 623410
Ion Ratio Lower Upper
139 100
109 28.5 23.4 35.0
65 50.2 42.2 63.2





#27

2,4-Dimethylphenol

Concen: 44.751 ng

RT: 9.904 min Scan# 1127

Delta R.T. -0.000 min

Lab File: BM039294.D

Acq: 04 Apr 2023 12:31

Instrument :

BNA_M

ClientSampleId :

PB151768BS

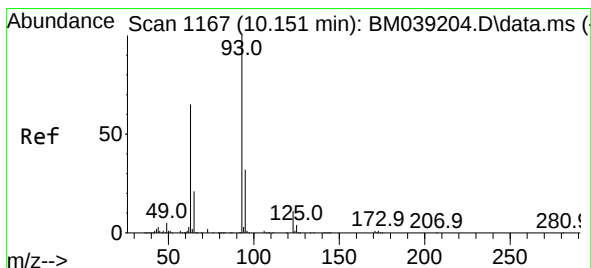
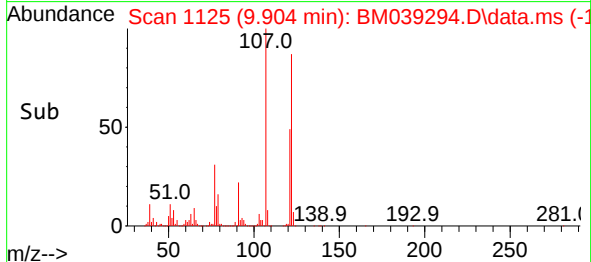
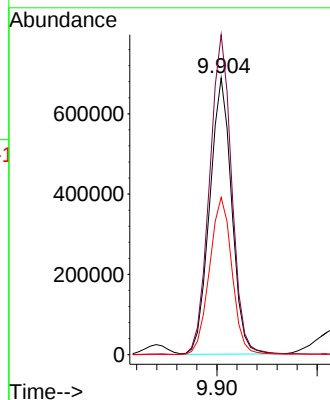
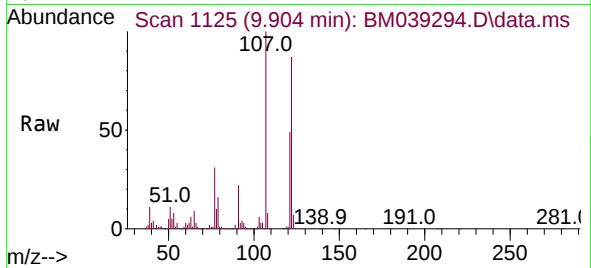
Tgt Ion:122 Resp: 1050628

Ion Ratio Lower Upper

122 100

107 115.6 92.3 138.5

121 56.8 46.3 69.5



#28

bis(2-Chloroethoxy)methane

Concen: 42.461 ng

RT: 10.139 min Scan# 1165

Delta R.T. -0.000 min

Lab File: BM039294.D

Acq: 04 Apr 2023 12:31

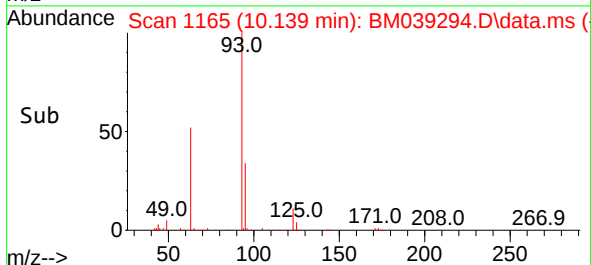
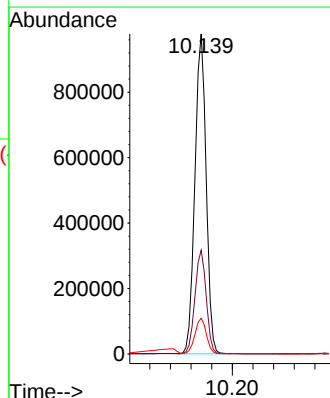
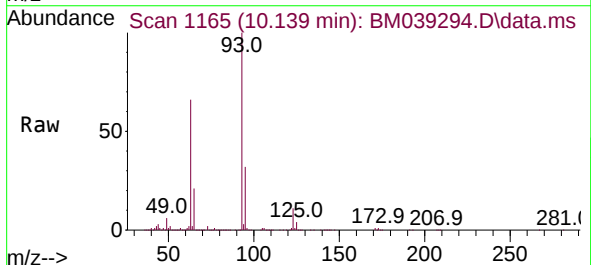
Tgt Ion: 93 Resp: 1473636

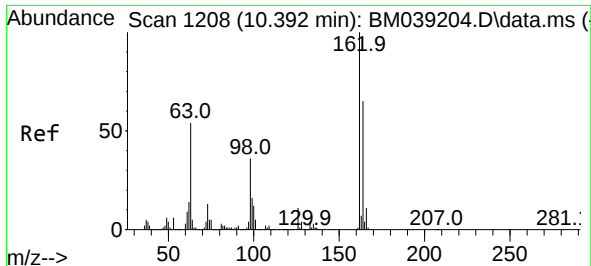
Ion Ratio Lower Upper

93 100

95 32.4 25.8 38.8

123 11.1 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 44.865 ng

RT: 10.375 min Scan# 1205

Delta R.T. -0.006 min

Lab File: BM039294.D

Acq: 04 Apr 2023 12:31

Instrument :

BNA_M

ClientSampleId :

PB151768BS

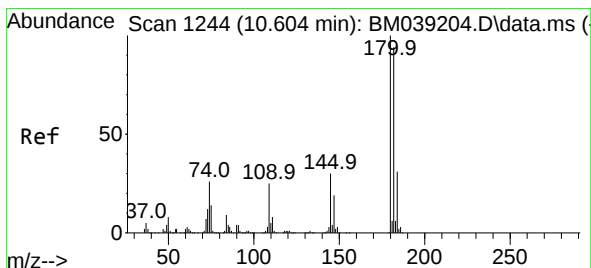
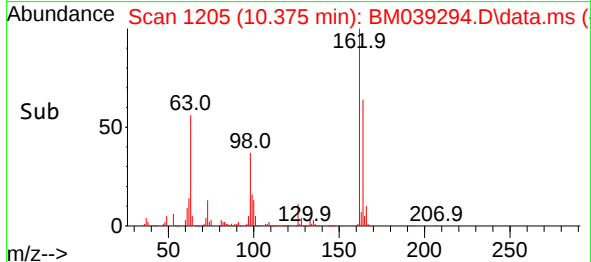
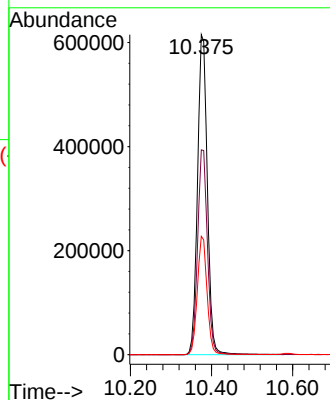
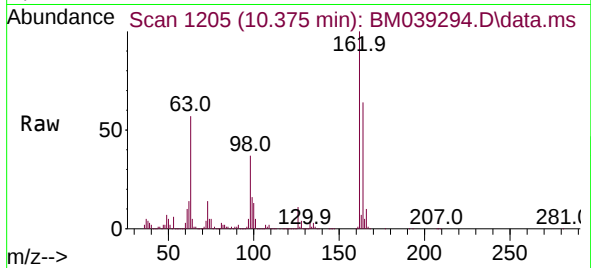
Tgt Ion:162 Resp: 1027707

Ion Ratio Lower Upper

162 100

164 64.0 44.8 84.8

98 37.0 16.0 56.0



#30

1,2,4-Trichlorobenzene

Concen: 43.659 ng

RT: 10.586 min Scan# 1241

Delta R.T. -0.006 min

Lab File: BM039294.D

Acq: 04 Apr 2023 12:31

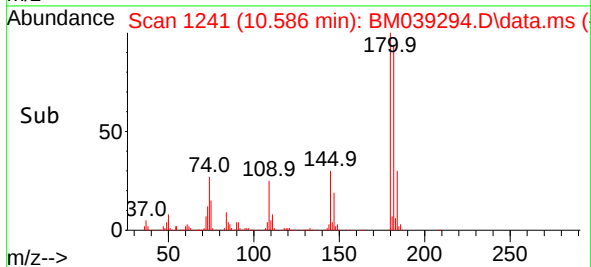
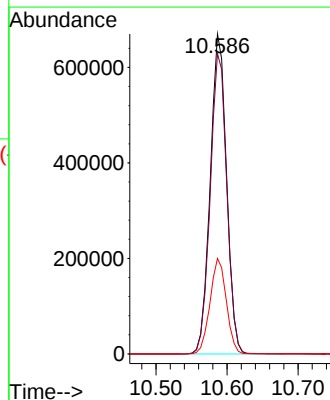
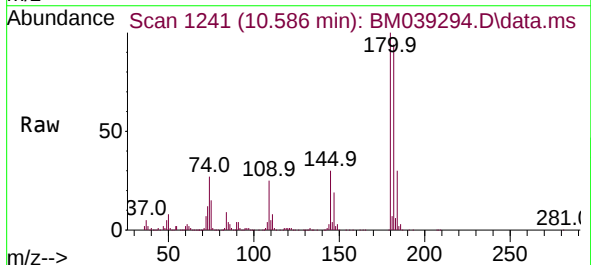
Tgt Ion:180 Resp: 1069906

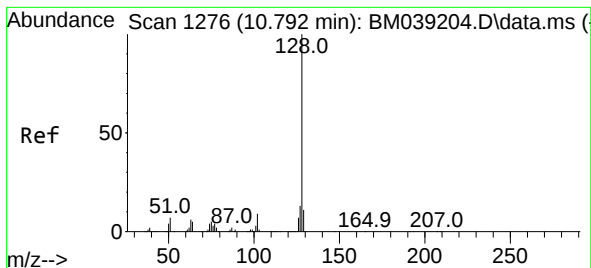
Ion Ratio Lower Upper

180 100

182 93.8 75.2 112.8

145 29.9 23.9 35.9

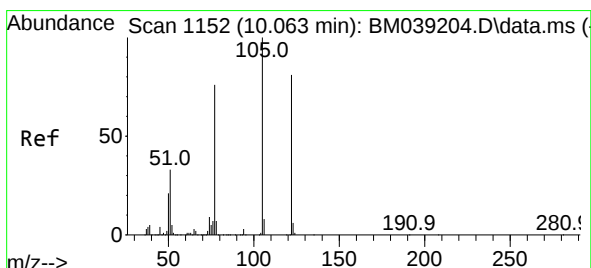
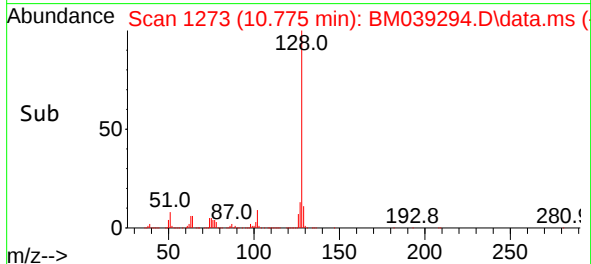
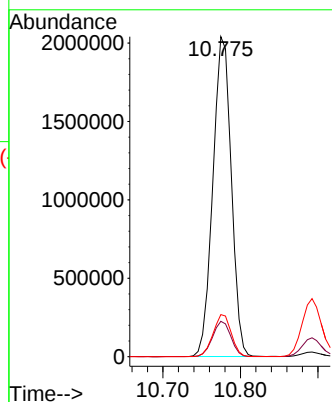
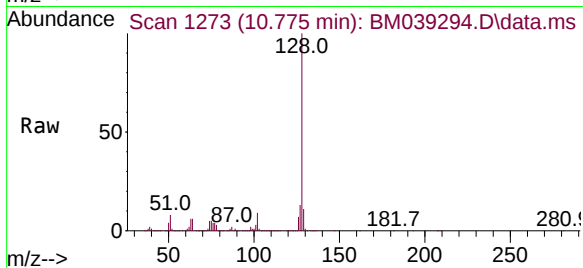




#31
Naphthalene
Concen: 41.817 ng
RT: 10.775 min Scan# 1155
Delta R.T. -0.006 min
Lab File: BM039294.D
Acq: 04 Apr 2023 12:31

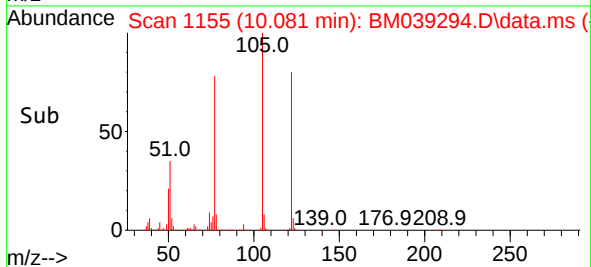
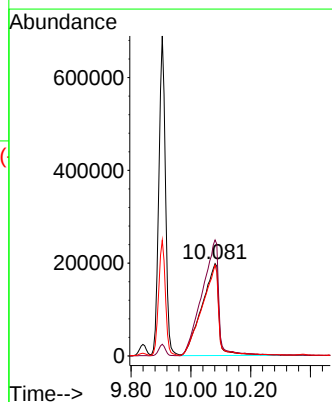
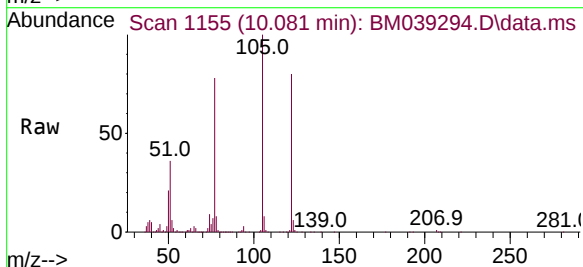
Instrument :
BNA_M
ClientSampleId :
PB151768BS

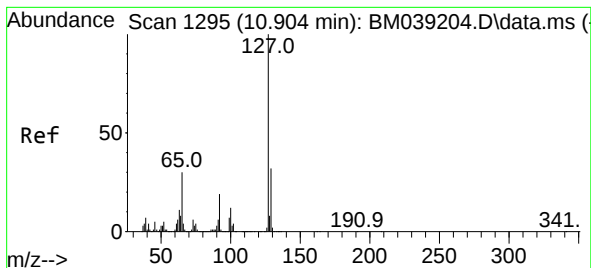
Tgt Ion:128 Resp: 3365542
Ion Ratio Lower Upper
128 100
129 11.0 8.6 13.0
127 13.1 10.3 15.5



#32
Benzoic acid
Concen: 42.944 ng
RT: 10.081 min Scan# 1155
Delta R.T. 0.029 min
Lab File: BM039294.D
Acq: 04 Apr 2023 12:31

Tgt Ion:122 Resp: 785813
Ion Ratio Lower Upper
122 100
105 125.7 103.1 143.1
77 98.3 74.6 114.6

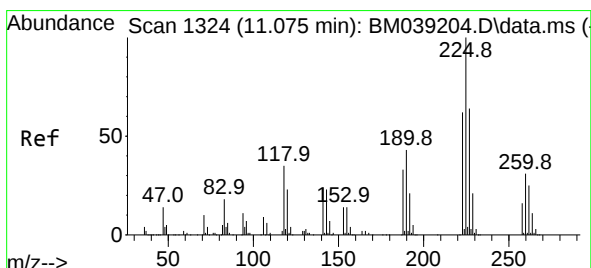
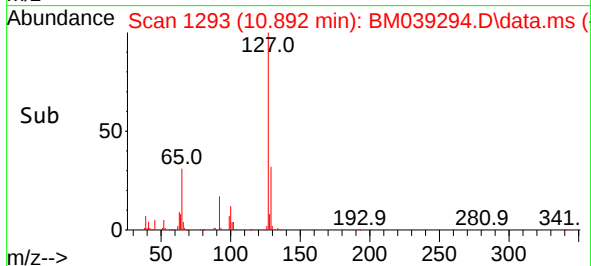
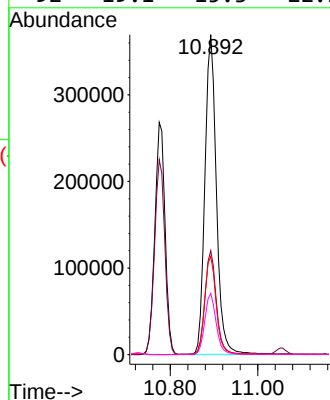
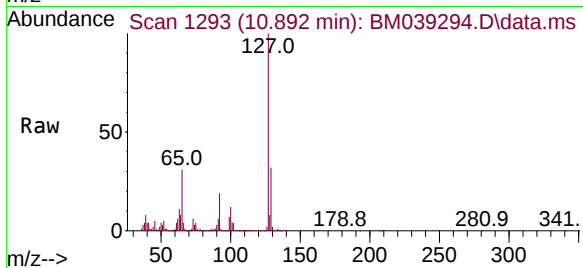




#33
4-Chloroaniline
Concen: 18.978 ng
RT: 10.892 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM039294.D
Acq: 04 Apr 2023 12:31

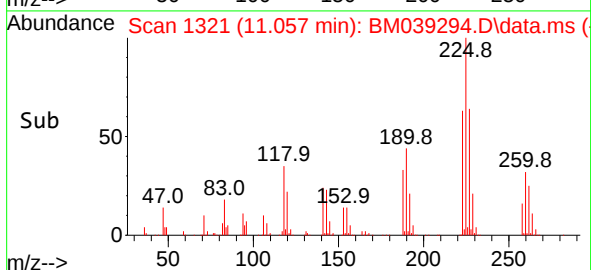
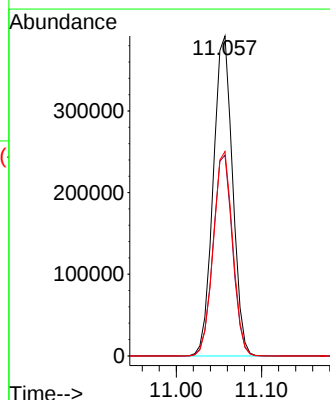
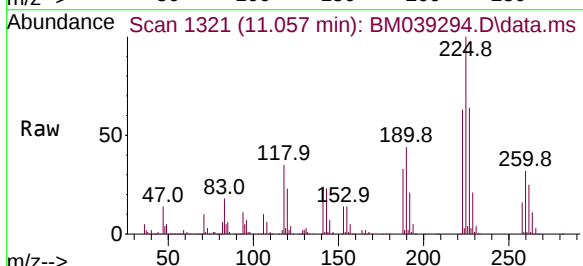
Instrument :
BNA_M
ClientSampleId :
PB151768BS

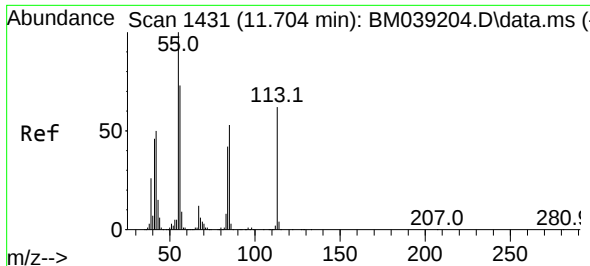
Tgt Ion:	127	Resp:	669148
Ion	Ratio	Lower	Upper
127	100		
129	32.5	25.7	38.5
65	30.7	24.1	36.1
92	19.1	15.3	22.9



#34
Hexachlorobutadiene
Concen: 42.820 ng
RT: 11.057 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BM039294.D
Acq: 04 Apr 2023 12:31

Tgt Ion:	225	Resp:	617030
Ion	Ratio	Lower	Upper
225	100		
223	62.7	49.8	74.6
227	63.9	51.6	77.4

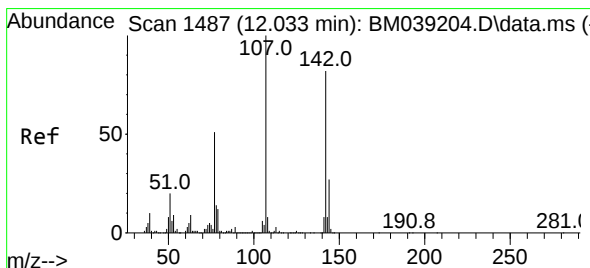
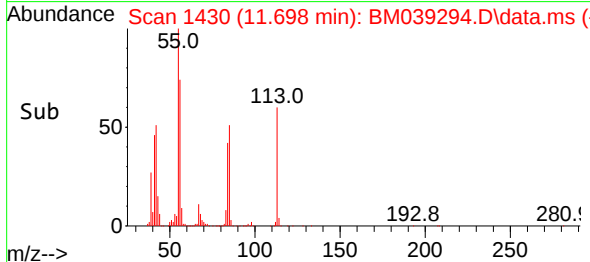
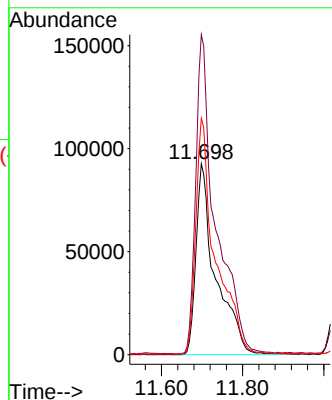
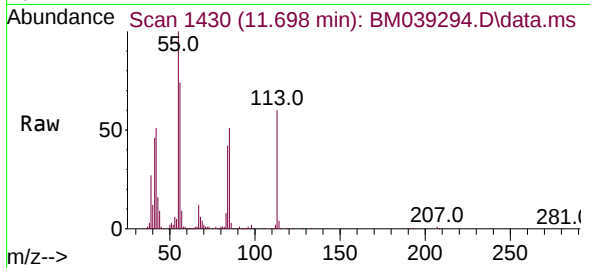




#35
 Caprolactam
 Concen: 39.074 ng
 RT: 11.698 min Scan# 1430
 Delta R.T. 0.006 min
 Lab File: BM039294.D
 Acq: 04 Apr 2023 12:31

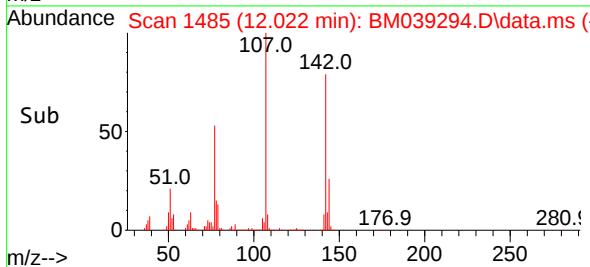
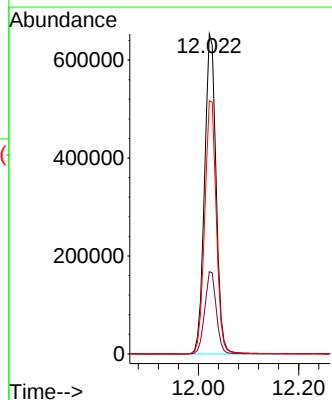
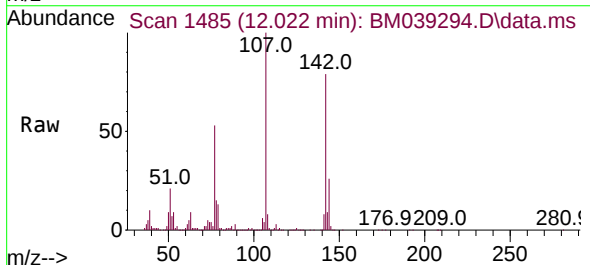
Instrument :
 BNA_M
 ClientSampleId :
 PB151768BS

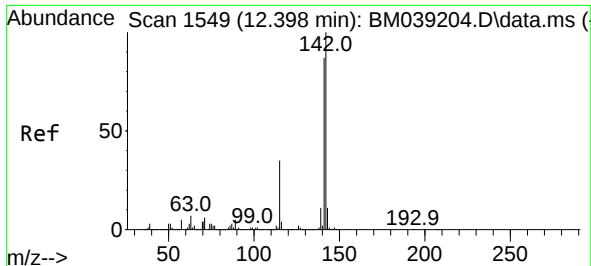
Tgt Ion:113 Resp: 310774
 Ion Ratio Lower Upper
 113 100
 55 167.7 141.8 181.8
 56 123.9 98.3 138.3



#36
 4-Chloro-3-methylphenol
 Concen: 41.380 ng
 RT: 12.022 min Scan# 1485
 Delta R.T. -0.000 min
 Lab File: BM039294.D
 Acq: 04 Apr 2023 12:31

Tgt Ion:107 Resp: 1045795
 Ion Ratio Lower Upper
 107 100
 144 25.7 21.4 32.2
 142 79.1 65.2 97.8

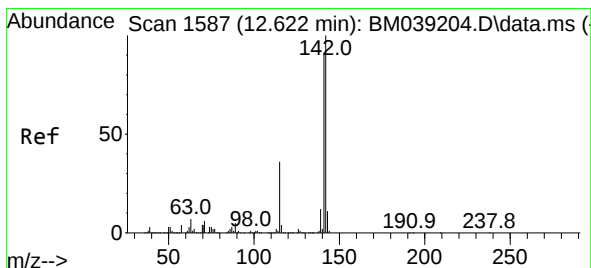
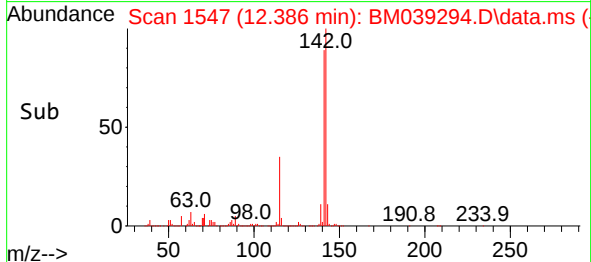
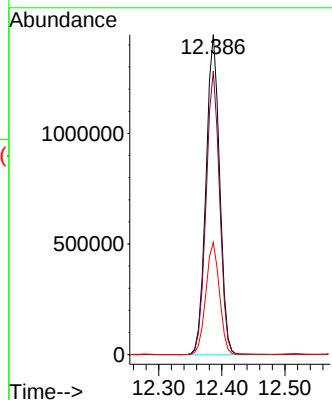
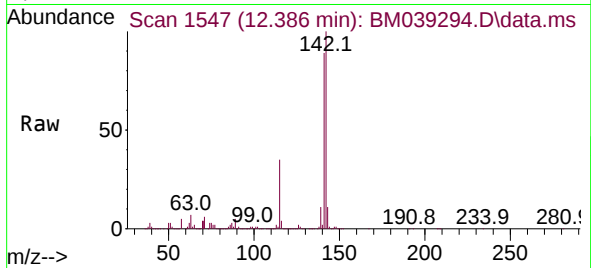




#37
2-Methylnaphthalene
Concen: 38.680 ng
RT: 12.386 min Scan# 1547
Delta R.T. -0.000 min
Lab File: BM039294.D
Acq: 04 Apr 2023 12:31

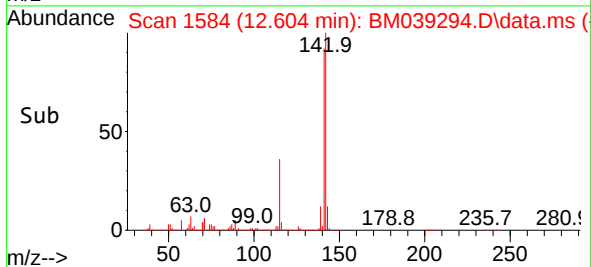
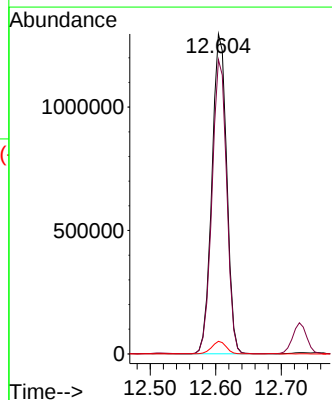
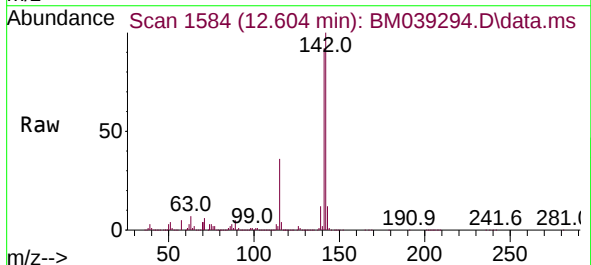
Instrument :
BNA_M
ClientSampleId :
PB151768BS

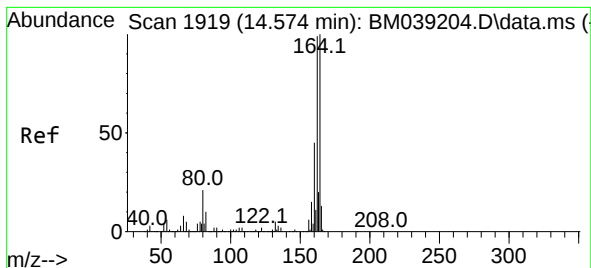
Tgt Ion:142 Resp: 2167122
Ion Ratio Lower Upper
142 100
141 88.6 69.8 104.8
115 35.0 27.8 41.8



#38
1-Methylnaphthalene
Concen: 38.783 ng
RT: 12.604 min Scan# 1584
Delta R.T. -0.006 min
Lab File: BM039294.D
Acq: 04 Apr 2023 12:31

Tgt Ion:142 Resp: 2034621
Ion Ratio Lower Upper
142 100
141 91.9 73.2 109.8
116 3.9 3.0 4.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.563 min Scan# 1919

Delta R.T. -0.000 min

Lab File: BM039294.D

Acq: 04 Apr 2023 12:31

Instrument :

BNA_M

ClientSampleId :

PB151768BS

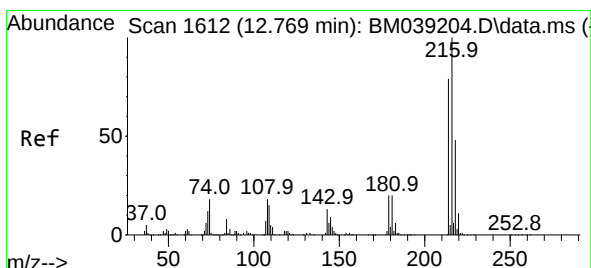
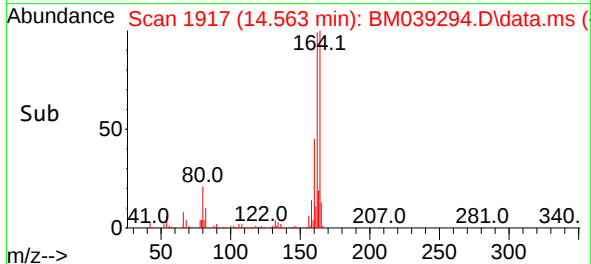
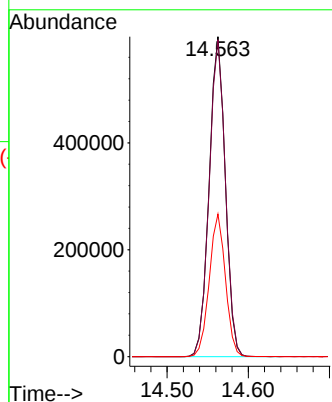
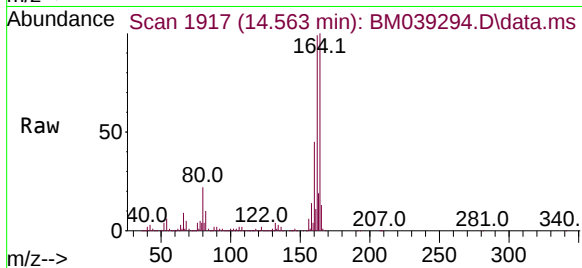
Tgt Ion:164 Resp: 828913

Ion Ratio Lower Upper

164 100

162 99.0 79.1 118.7

160 44.5 35.8 53.8



#40

1,2,4,5-Tetrachlorobenzene

Concen: 44.485 ng

RT: 12.757 min Scan# 1610

Delta R.T. -0.000 min

Lab File: BM039294.D

Acq: 04 Apr 2023 12:31

Tgt Ion:216 Resp: 1122696

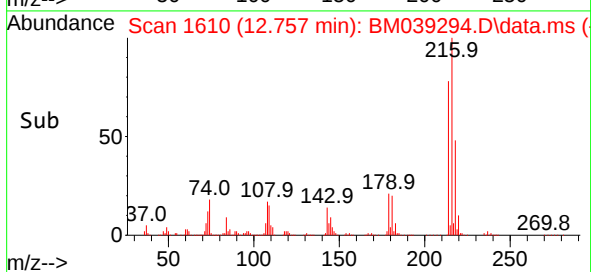
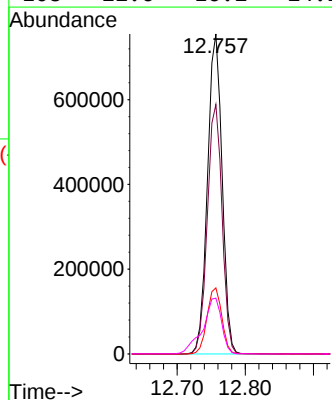
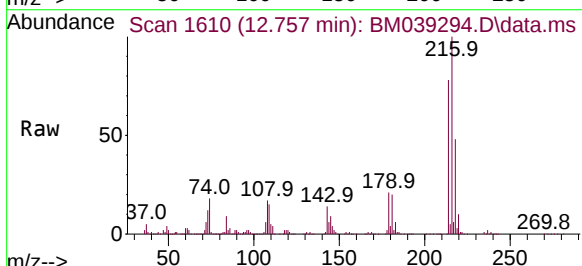
Ion Ratio Lower Upper

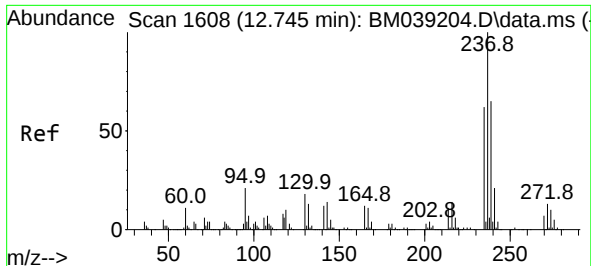
216 100

214 78.6 62.8 94.2

179 20.9 16.8 25.2

108 22.6 16.2 24.2

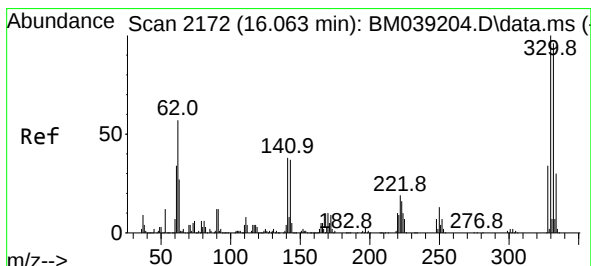
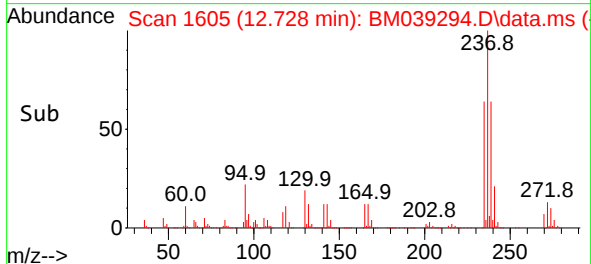
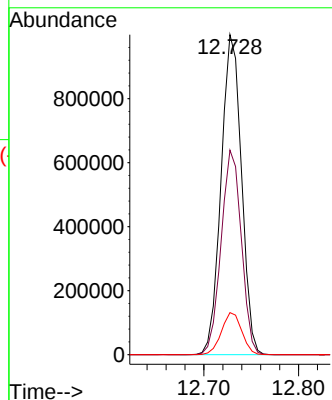
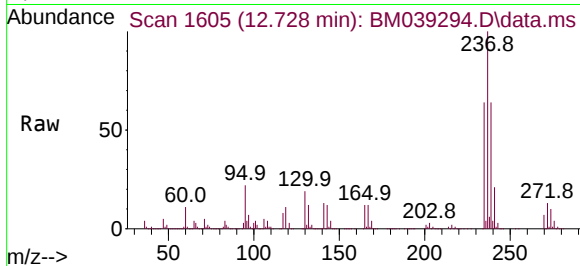




#41
Hexachlorocyclopentadiene
Concen: 108.281 ng
RT: 12.728 min Scan# 1605
Delta R.T. -0.006 min
Lab File: BM039294.D
Acq: 04 Apr 2023 12:31

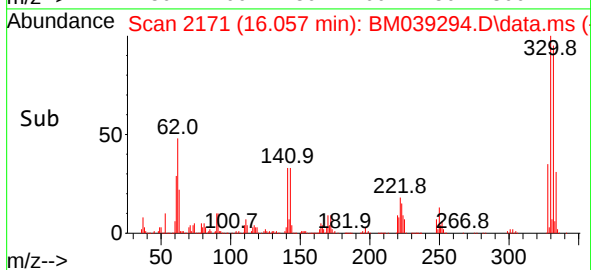
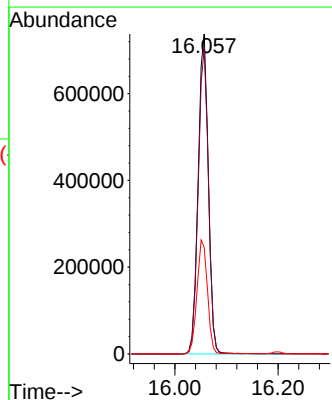
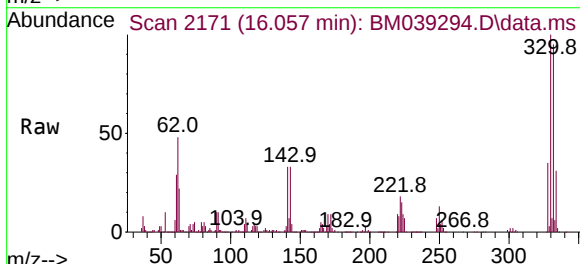
Instrument :
BNA_M
ClientSampleId :
PB151768BS

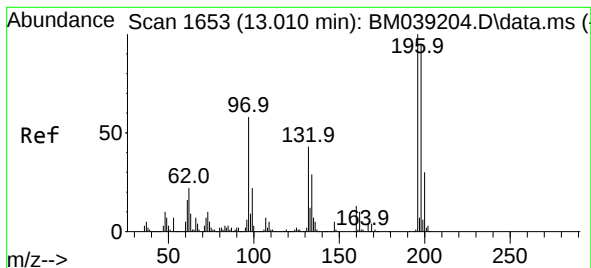
Tgt Ion:237 Resp: 1492929
Ion Ratio Lower Upper
237 100
235 63.9 41.6 81.6
272 13.1 0.0 33.2



#42
2,4,6-Tribromophenol
Concen: 96.019 ng
RT: 16.057 min Scan# 2171
Delta R.T. -0.000 min
Lab File: BM039294.D
Acq: 04 Apr 2023 12:31

Tgt Ion:330 Resp: 1010336
Ion Ratio Lower Upper
330 100
332 95.6 77.4 116.0
141 36.5 29.8 44.6





#43

2,4,6-Trichlorophenol

Concen: 43.874 ng

RT: 12.998 min Scan# 1651

Delta R.T. -0.000 min

Lab File: BM039294.D

Acq: 04 Apr 2023 12:31

Instrument :

BNA_M

ClientSampleId :

PB151768BS

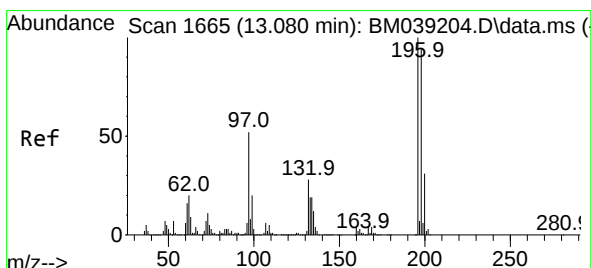
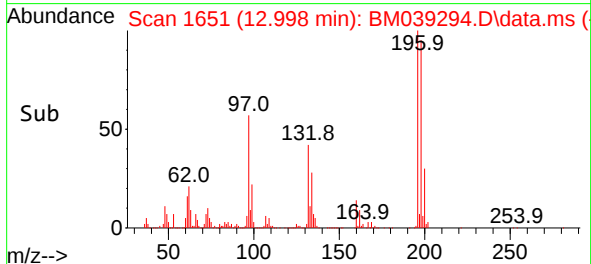
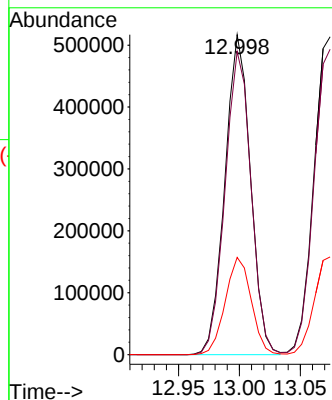
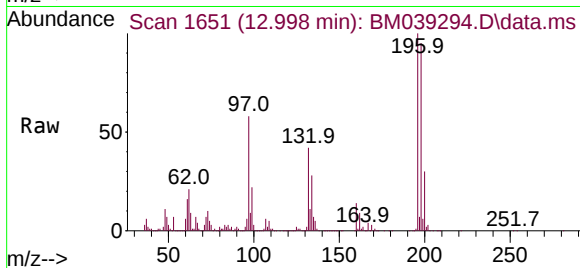
Tgt Ion:196 Resp: 755139

Ion Ratio Lower Upper

196 100

198 94.7 76.2 114.2

200 30.4 24.2 36.2



#44

2,4,5-Trichlorophenol

Concen: 39.863 ng

RT: 13.075 min Scan# 1664

Delta R.T. -0.000 min

Lab File: BM039294.D

Acq: 04 Apr 2023 12:31

Tgt Ion:196 Resp: 804328

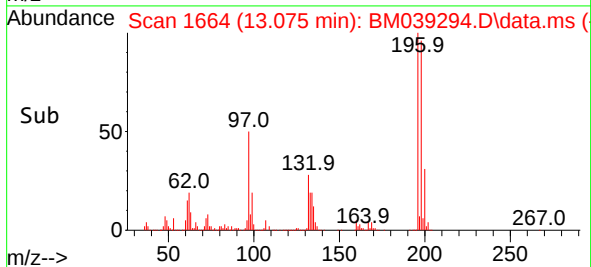
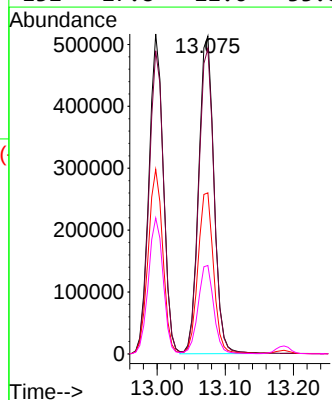
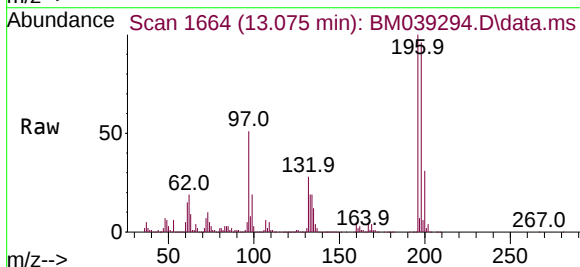
Ion Ratio Lower Upper

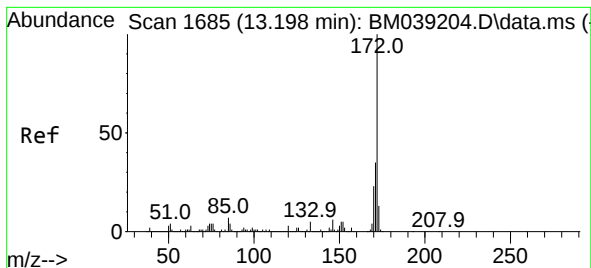
196 100

198 96.1 75.2 112.8

97 50.7 41.4 62.0

132 27.8 22.6 33.8

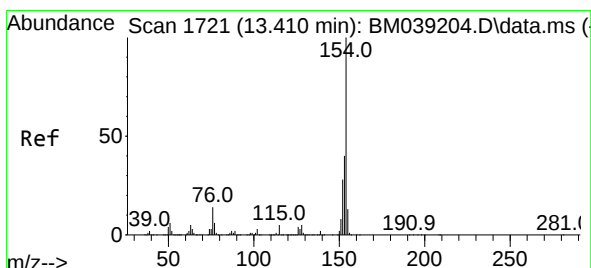
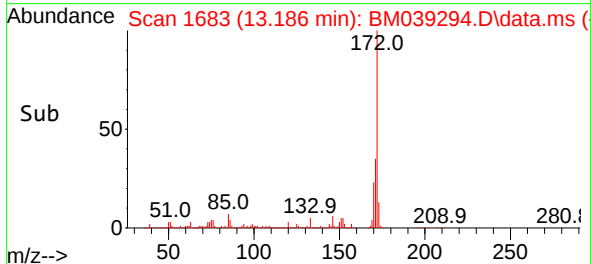
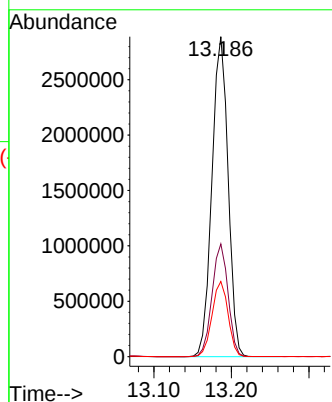
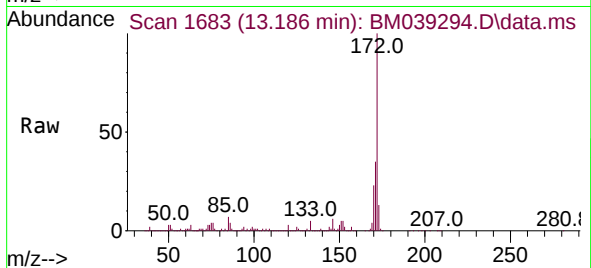




#45
2-Fluorobiphenyl
Concen: 68.307 ng
RT: 13.186 min Scan# 1683
Delta R.T. -0.000 min
Lab File: BM039294.D
Acq: 04 Apr 2023 12:31

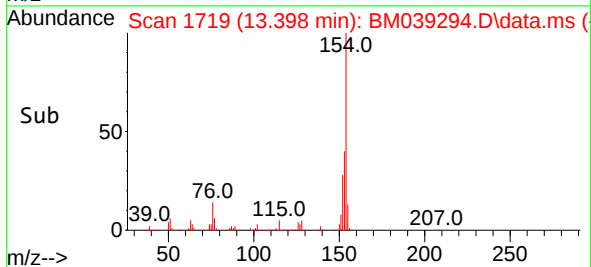
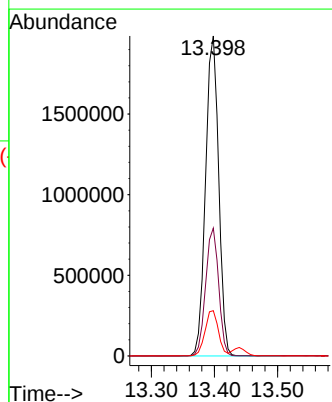
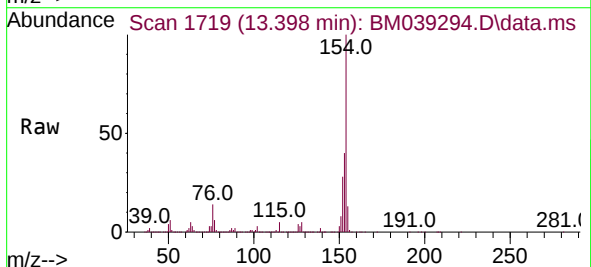
Instrument :
BNA_M
ClientSampleId :
PB151768BS

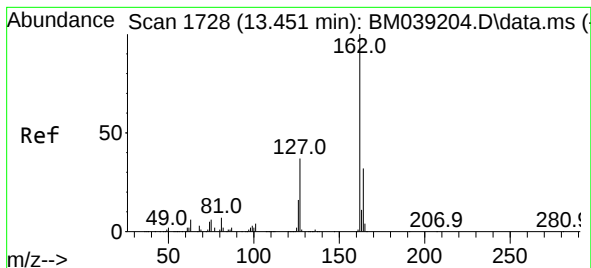
Tgt Ion:172 Resp: 4178913
Ion Ratio Lower Upper
172 100
171 35.2 28.0 42.0
170 23.5 18.7 28.1



#46
1,1'-Biphenyl
Concen: 43.534 ng
RT: 13.398 min Scan# 1719
Delta R.T. -0.000 min
Lab File: BM039294.D
Acq: 04 Apr 2023 12:31

Tgt Ion:154 Resp: 2849600
Ion Ratio Lower Upper
154 100
153 39.9 19.9 59.9
76 14.1 0.0 33.5

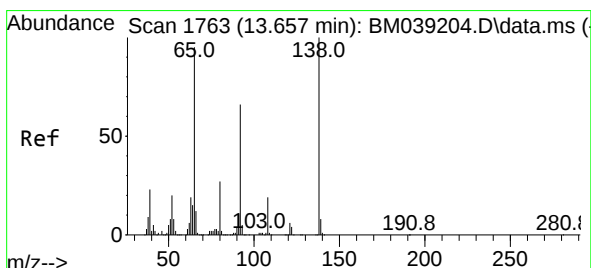
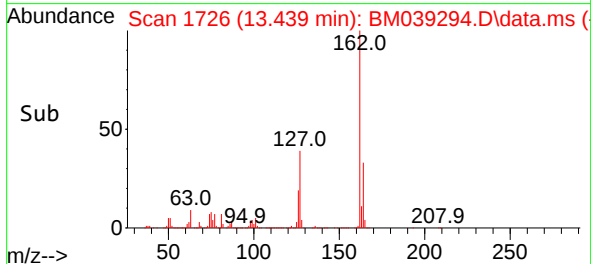
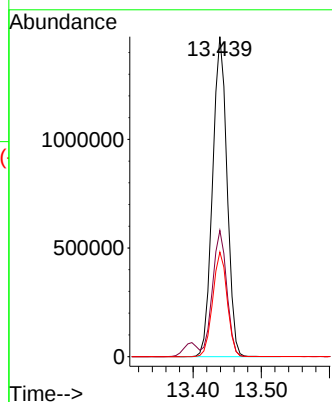
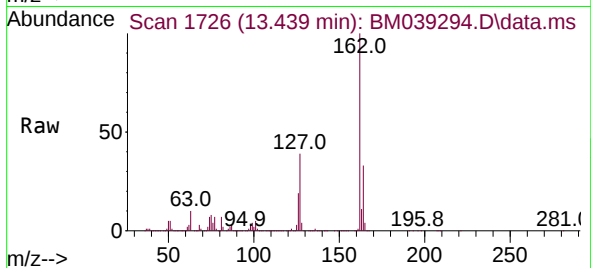




#47
2-Chloronaphthalene
Concen: 43.724 ng
RT: 13.439 min Scan# 1726
Delta R.T. -0.000 min
Lab File: BM039294.D
Acq: 04 Apr 2023 12:31

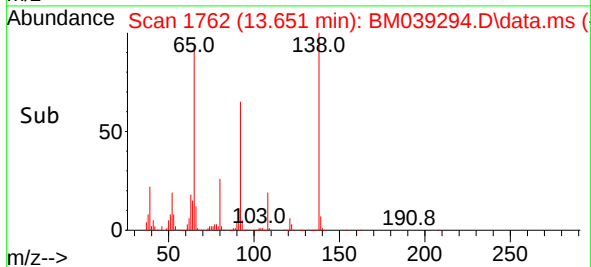
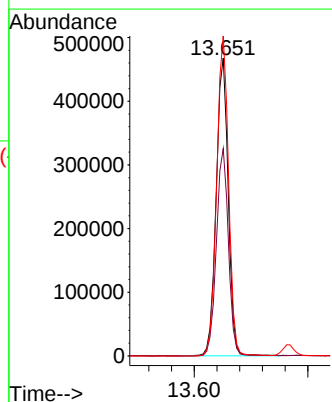
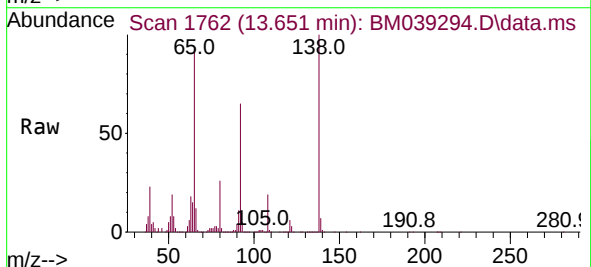
Instrument :
BNA_M
ClientSampleId :
PB151768BS

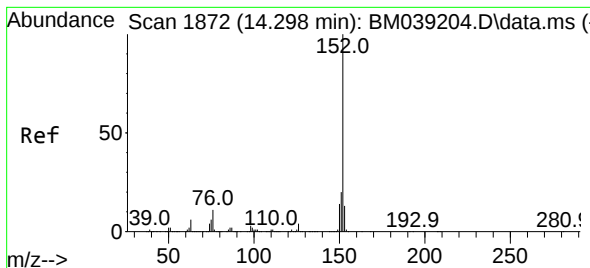
Tgt Ion:162 Resp: 2167054
Ion Ratio Lower Upper
162 100
127 39.4 31.4 47.0
164 32.7 25.7 38.5



#48
2-Nitroaniline
Concen: 41.190 ng
RT: 13.651 min Scan# 1762
Delta R.T. -0.000 min
Lab File: BM039294.D
Acq: 04 Apr 2023 12:31

Tgt Ion: 65 Resp: 687000
Ion Ratio Lower Upper
65 100
92 69.6 55.7 83.5
138 107.5 84.5 126.7





#49

Acenaphthylene

Concen: 41.358 ng

RT: 14.286 min Scan# 1870

Delta R.T. -0.000 min

Lab File: BM039294.D

Acq: 04 Apr 2023 12:31

Instrument :

BNA_M

ClientSampleId :

PB151768BS

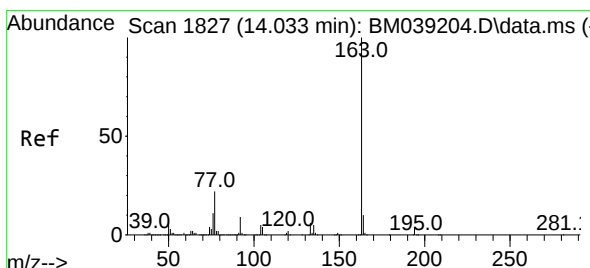
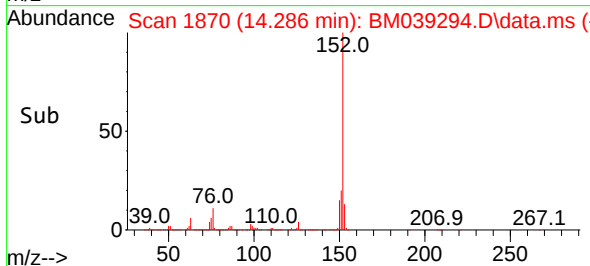
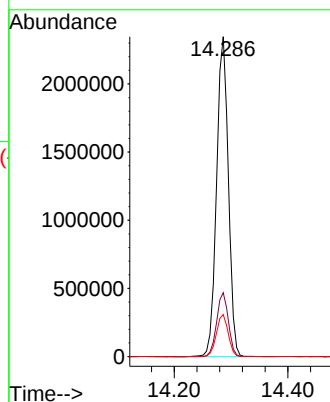
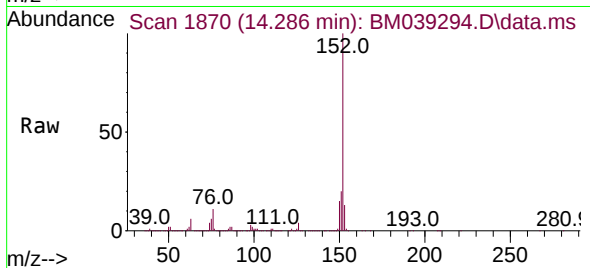
Tgt Ion:152 Resp: 3368970

Ion Ratio Lower Upper

152 100

151 20.0 15.7 23.5

153 13.1 10.3 15.5



#50

Dimethylphthalate

Concen: 39.159 ng

RT: 14.027 min Scan# 1826

Delta R.T. -0.000 min

Lab File: BM039294.D

Acq: 04 Apr 2023 12:31

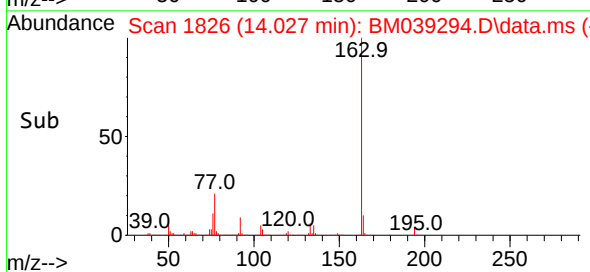
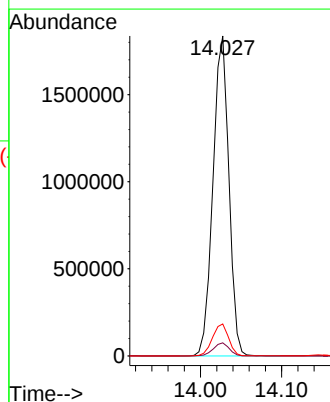
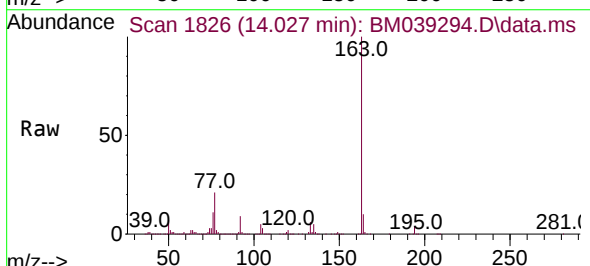
Tgt Ion:163 Resp: 2501555

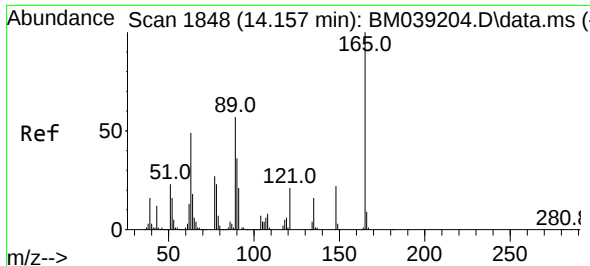
Ion Ratio Lower Upper

163 100

194 4.1 3.1 4.7

164 10.0 8.2 12.2

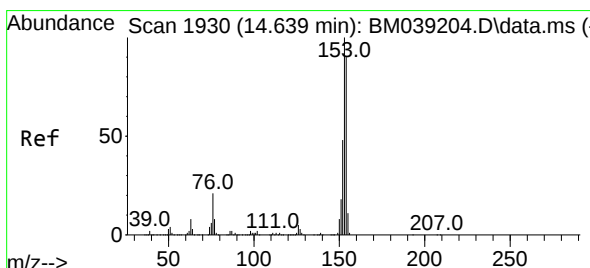
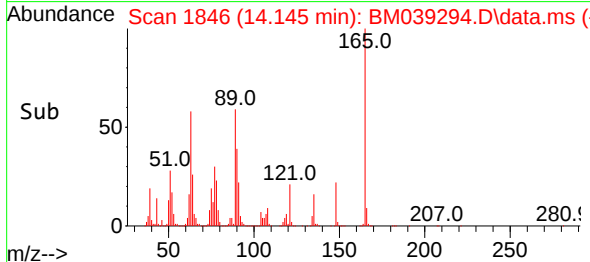
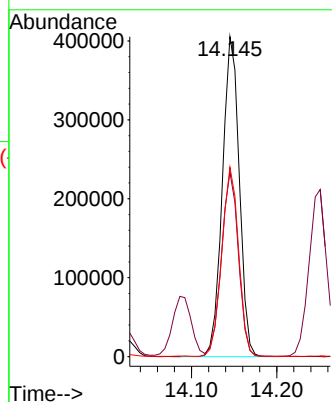
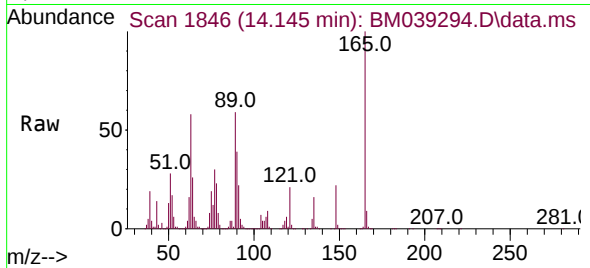




#51
2,6-Dinitrotoluene
Concen: 40.666 ng
RT: 14.145 min Scan# 1848
Delta R.T. -0.000 min
Lab File: BM039294.D
Acq: 04 Apr 2023 12:31

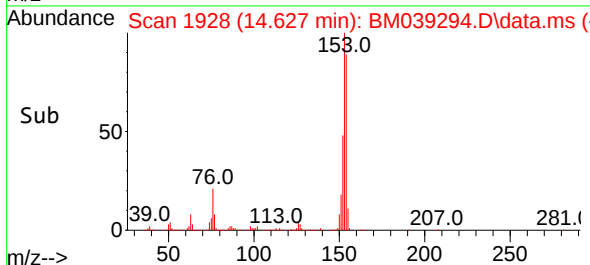
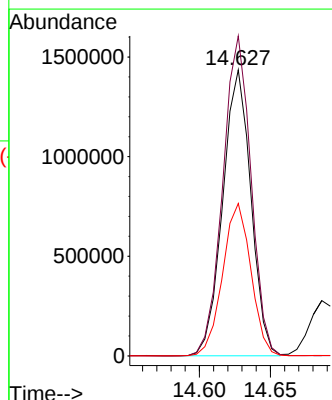
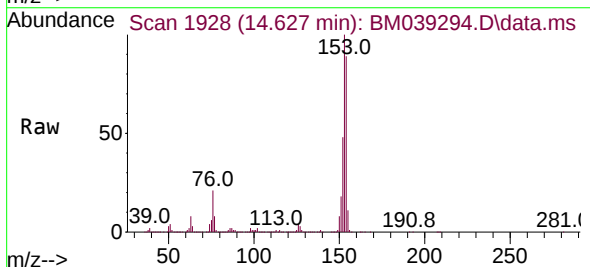
Instrument :
BNA_M
ClientSampleId :
PB151768BS

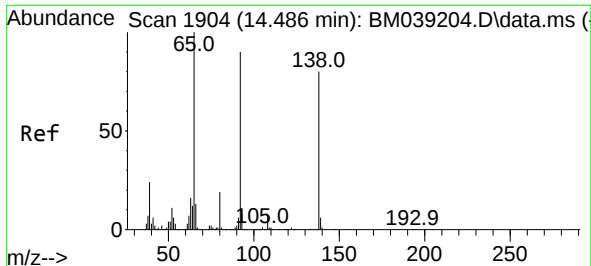
Tgt Ion:165 Resp: 558652
Ion Ratio Lower Upper
165 100
63 57.6 44.9 67.3
89 59.2 45.4 68.0



#52
Acenaphthene
Concen: 41.187 ng
RT: 14.627 min Scan# 1928
Delta R.T. -0.000 min
Lab File: BM039294.D
Acq: 04 Apr 2023 12:31

Tgt Ion:154 Resp: 1981071
Ion Ratio Lower Upper
154 100
153 111.9 89.1 133.7
152 53.3 42.6 64.0

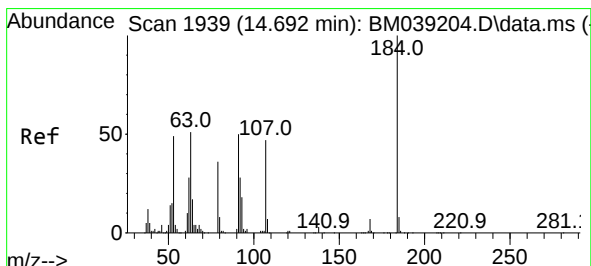
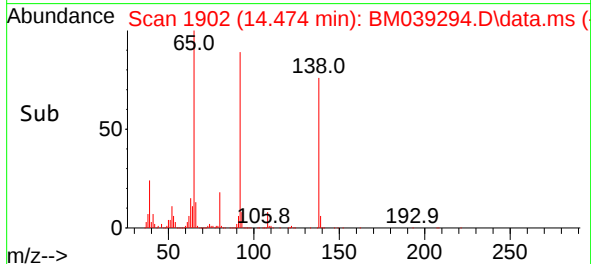
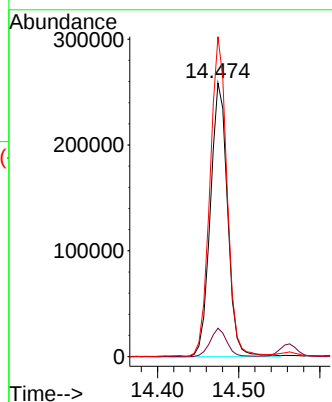
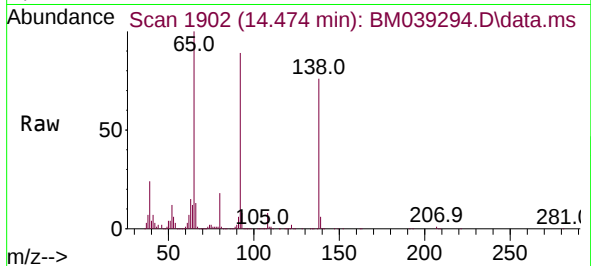




#53
3-Nitroaniline
Concen: 23.987 ng
RT: 14.474 min Scan# 1904
Delta R.T. -0.000 min
Lab File: BM039294.D
Acq: 04 Apr 2023 12:31

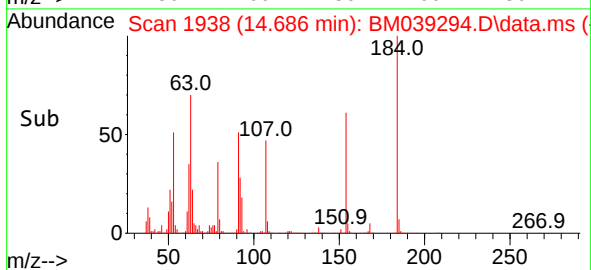
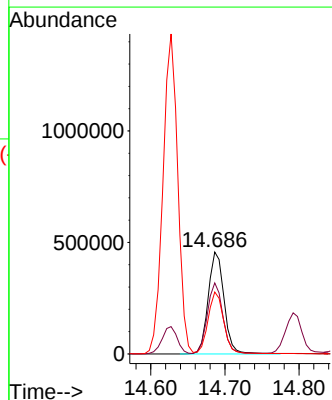
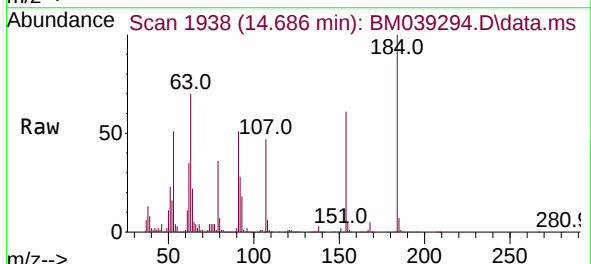
Instrument :
BNA_M
ClientSampleId :
PB151768BS

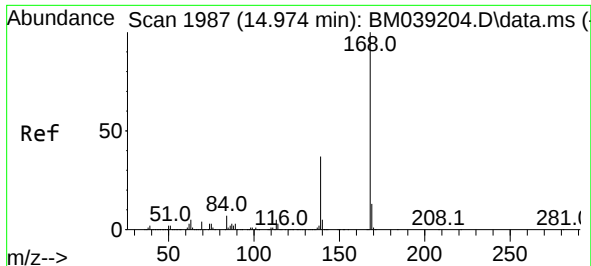
Tgt Ion:138 Resp: 380937
Ion Ratio Lower Upper
138 100
108 10.4 8.0 12.0
92 116.9 90.8 136.2



#54
2,4-Dinitrophenol
Concen: 83.531 ng
RT: 14.686 min Scan# 1938
Delta R.T. -0.000 min
Lab File: BM039294.D
Acq: 04 Apr 2023 12:31

Tgt Ion:184 Resp: 679569
Ion Ratio Lower Upper
184 100
63 69.6 56.4 84.6
154 60.7 48.7 73.1

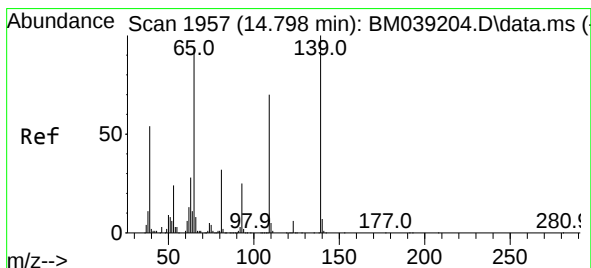
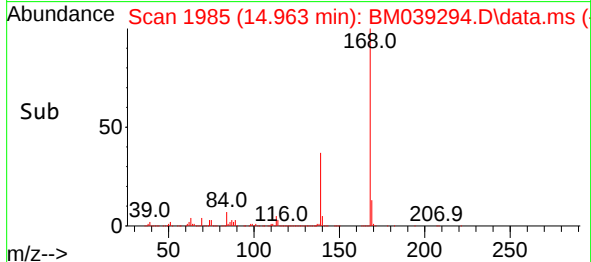
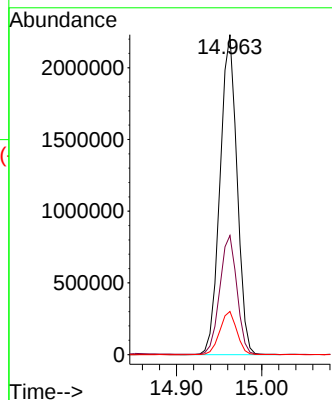
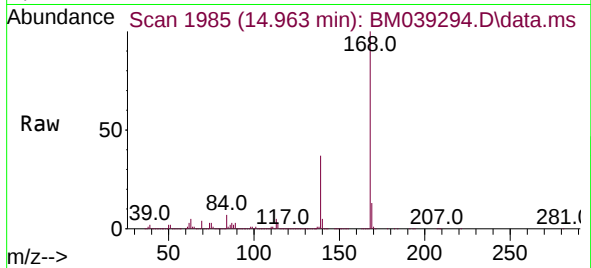




#55
Dibenzenofuran
Concen: 39.954 ng
RT: 14.963 min Scan# 1985
Delta R.T. -0.000 min
Lab File: BM039294.D
Acq: 04 Apr 2023 12:31

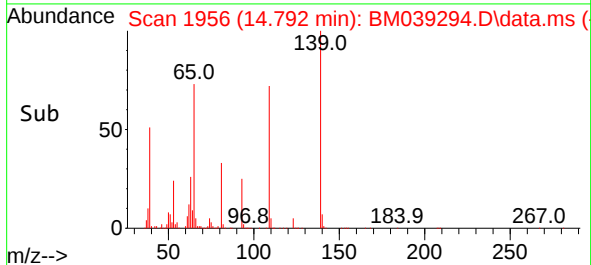
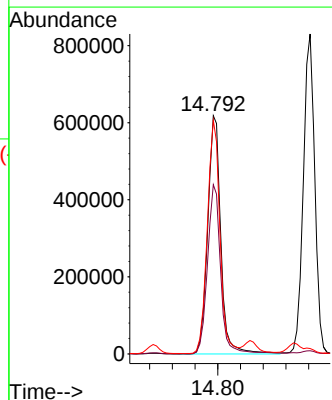
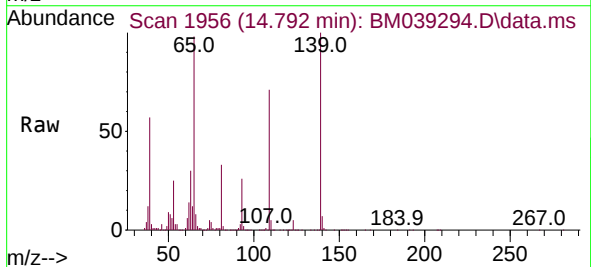
Instrument :
BNA_M
ClientSampleId :
PB151768BS

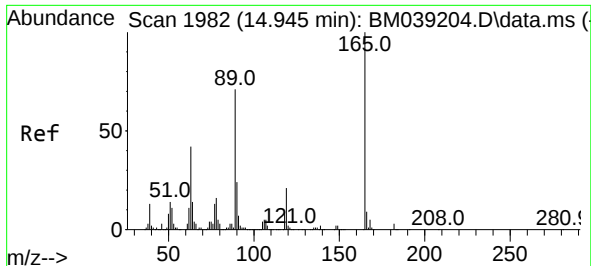
Tgt Ion:168 Resp: 3093958
Ion Ratio Lower Upper
168 100
139 37.2 29.4 44.2
169 13.5 10.6 15.8



#56
4-Nitrophenol
Concen: 80.904 ng
RT: 14.792 min Scan# 1956
Delta R.T. 0.006 min
Lab File: BM039294.D
Acq: 04 Apr 2023 12:31

Tgt Ion:139 Resp: 990781
Ion Ratio Lower Upper
139 100
109 71.0 49.6 89.6
65 98.1 72.9 112.9

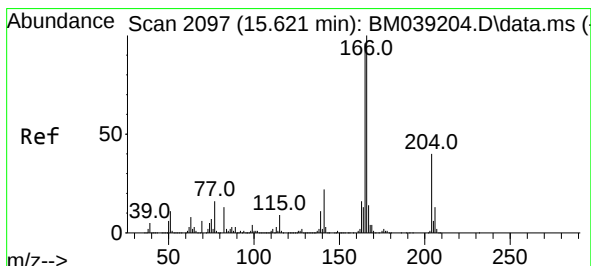
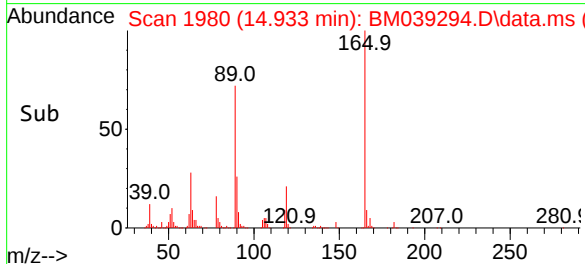
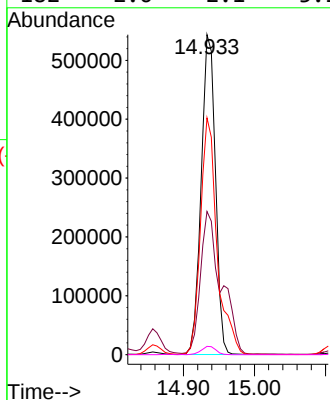
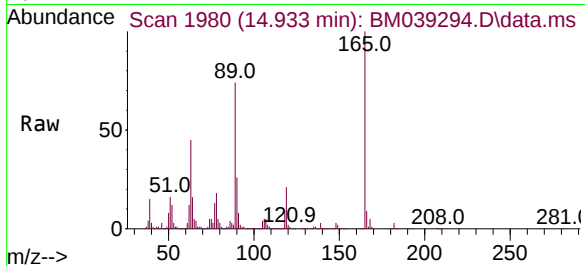




#57
2,4-Dinitrotoluene
Concen: 40.423 ng
RT: 14.933 min Scan# 1982
Delta R.T. -0.000 min
Lab File: BM039294.D
Acq: 04 Apr 2023 12:31

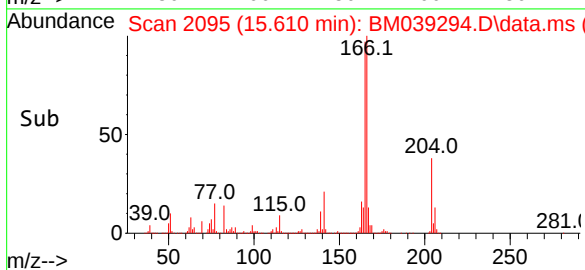
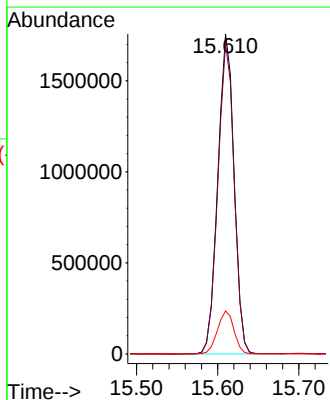
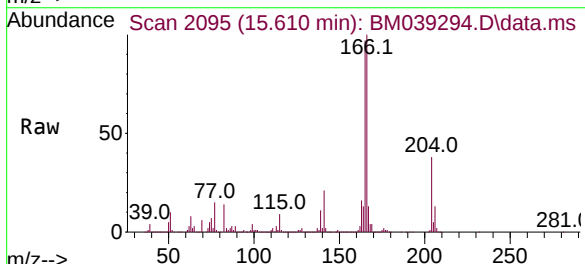
Instrument :
BNA_M
ClientSampleId :
PB151768BS

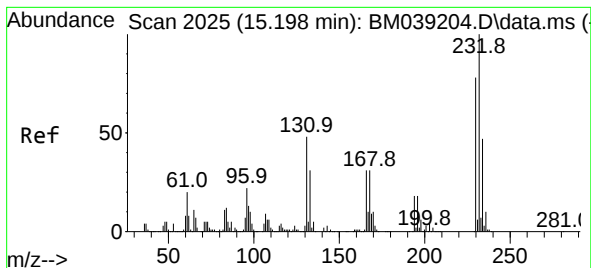
Tgt Ion:165 Resp: 751200
Ion Ratio Lower Upper
165 100
63 44.7 33.5 50.3
89 74.0 56.7 85.1
182 2.6 2.1 3.1



#58
Fluorene
Concen: 39.784 ng
RT: 15.610 min Scan# 2095
Delta R.T. -0.000 min
Lab File: BM039294.D
Acq: 04 Apr 2023 12:31

Tgt Ion:166 Resp: 2439540
Ion Ratio Lower Upper
166 100
165 97.0 76.9 115.3
167 13.4 10.8 16.2

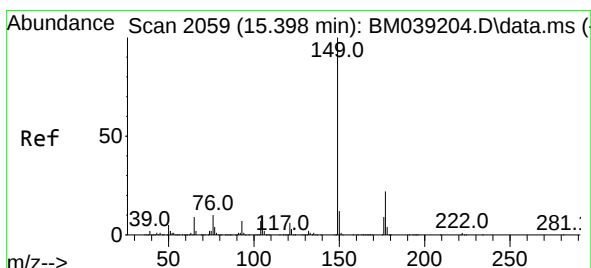
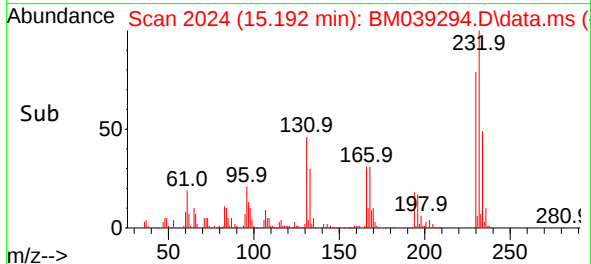
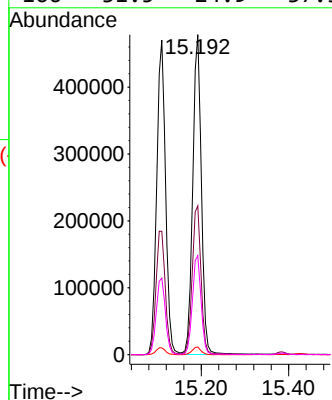
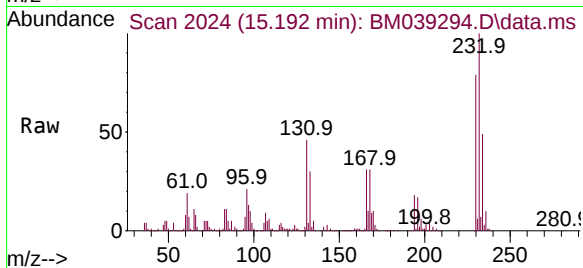




#59
2,3,4,6-Tetrachlorophenol
Concen: 40.926 ng
RT: 15.192 min Scan# 20
Delta R.T. -0.000 min
Lab File: BM039294.D
Acq: 04 Apr 2023 12:31

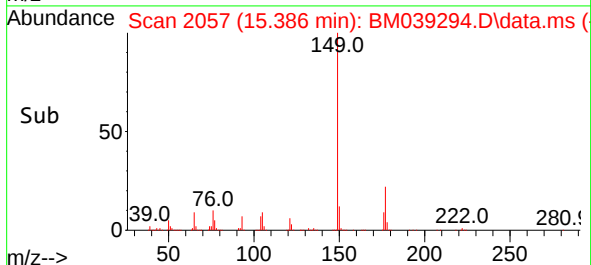
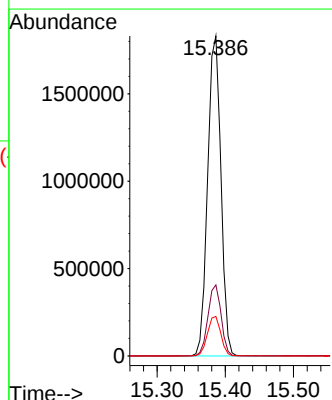
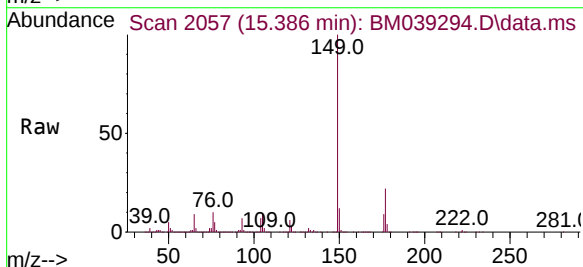
Instrument :
BNA_M
ClientSampleId :
PB151768BS

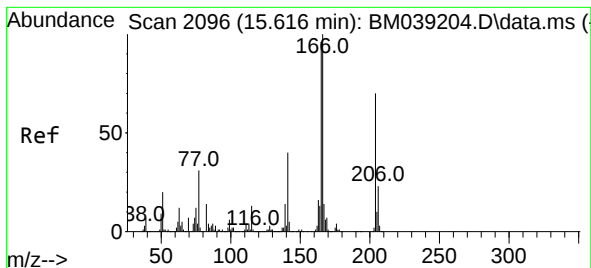
Tgt Ion:232 Resp: 656933
Ion Ratio Lower Upper
232 100
131 47.0 37.7 56.5
130 2.4 1.9 2.9
166 31.5 24.9 37.3



#60
Diethylphthalate
Concen: 38.437 ng
RT: 15.386 min Scan# 2057
Delta R.T. -0.000 min
Lab File: BM039294.D
Acq: 04 Apr 2023 12:31

Tgt Ion:149 Resp: 2471432
Ion Ratio Lower Upper
149 100
177 22.2 17.7 26.5
150 12.3 9.8 14.6

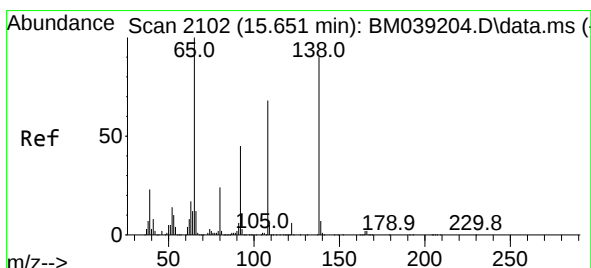
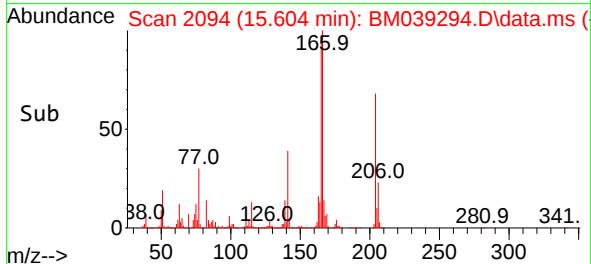
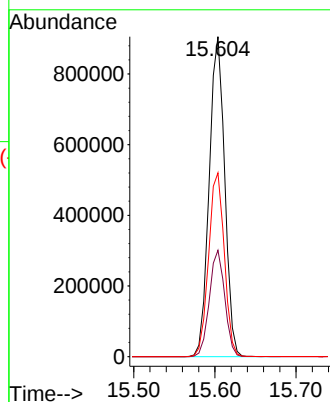
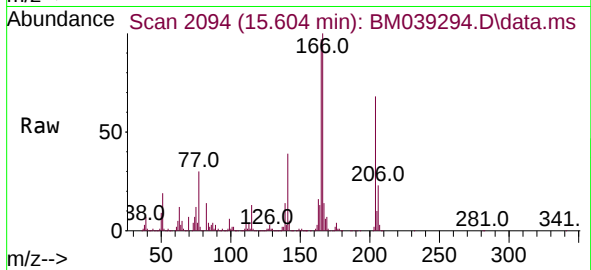




#61
4-Chlorophenyl-phenylether
Concen: 39.641 ng
RT: 15.604 min Scan# 2096
Delta R.T. -0.000 min
Lab File: BM039294.D
Acq: 04 Apr 2023 12:31

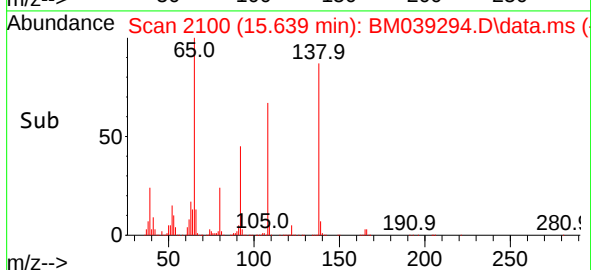
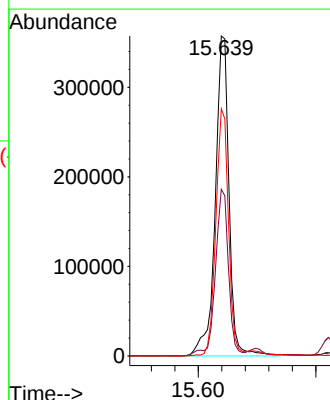
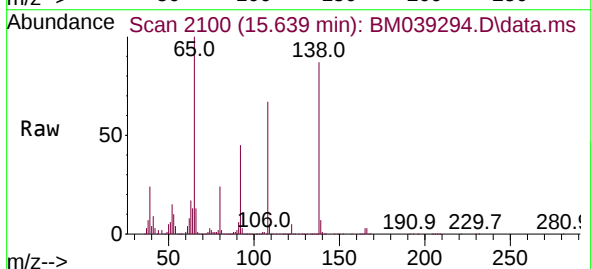
Instrument :
BNA_M
ClientSampleId :
PB151768BS

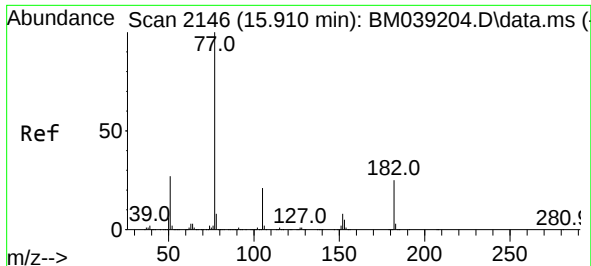
Tgt Ion:204 Resp: 1204685
Ion Ratio Lower Upper
204 100
206 33.2 26.1 39.1
141 57.4 45.8 68.6



#62
4-Nitroaniline
Concen: 35.588 ng
RT: 15.639 min Scan# 2100
Delta R.T. -0.000 min
Lab File: BM039294.D
Acq: 04 Apr 2023 12:31

Tgt Ion:138 Resp: 579978
Ion Ratio Lower Upper
138 100
92 52.1 30.5 70.5
108 77.2 55.5 95.5



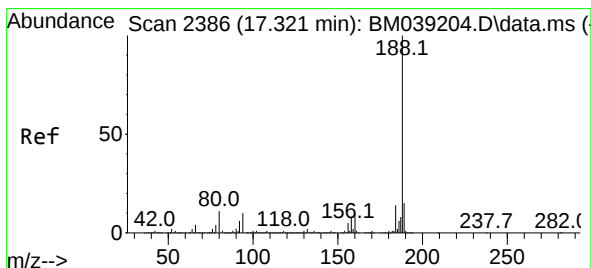
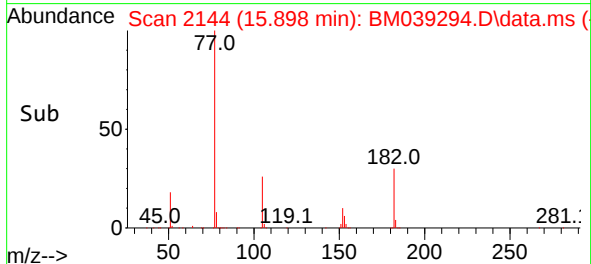
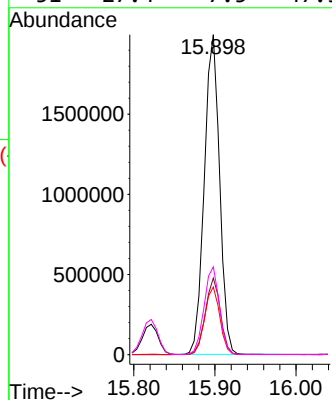
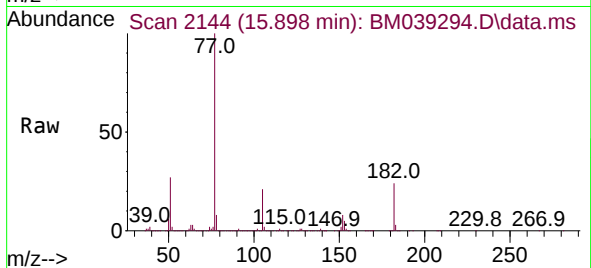


#63
Azobenzene
Concen: 40.547 ng
RT: 15.898 min Scan# 2146
Delta R.T. -0.000 min
Lab File: BM039294.D
Acq: 04 Apr 2023 12:31

Instrument :
BNA_M
ClientSampleId :
PB151768BS

Tgt Ion: 77 Resp: 2612049

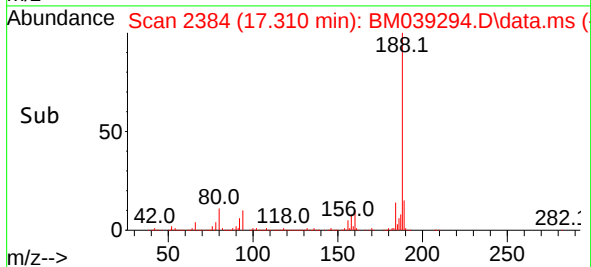
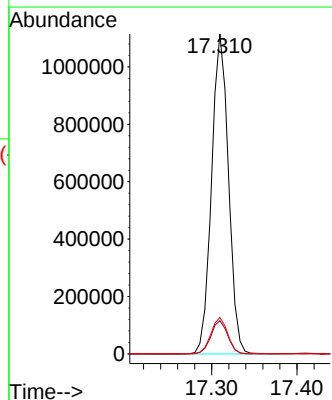
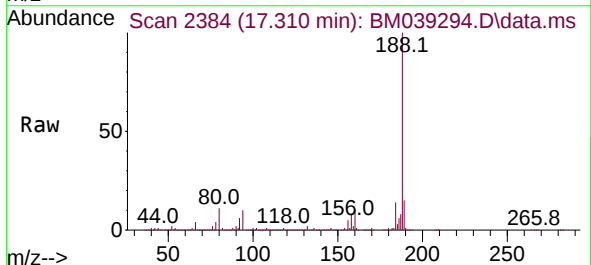
Ion	Ratio	Lower	Upper
77	100		
182	23.9	4.8	44.8
105	21.1	1.4	41.4
51	27.4	7.5	47.5

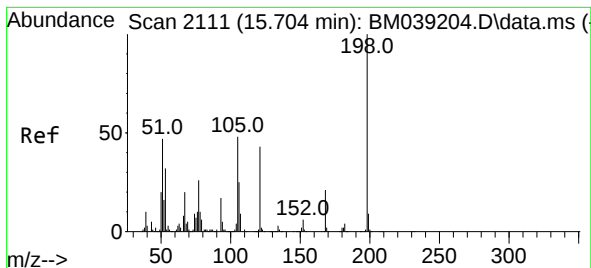


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.310 min Scan# 2384
Delta R.T. -0.000 min
Lab File: BM039294.D
Acq: 04 Apr 2023 12:31

Tgt Ion: 188 Resp: 1533816

Ion	Ratio	Lower	Upper
188	100		
94	10.4	8.2	12.4
80	11.4	8.9	13.3

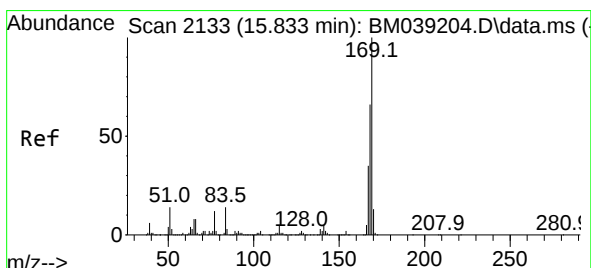
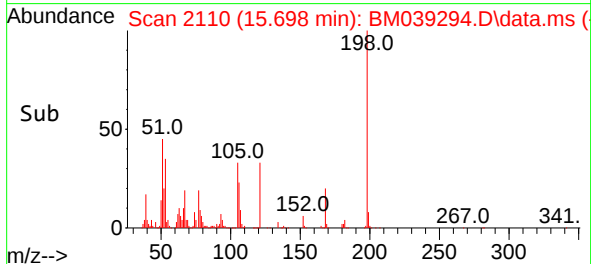
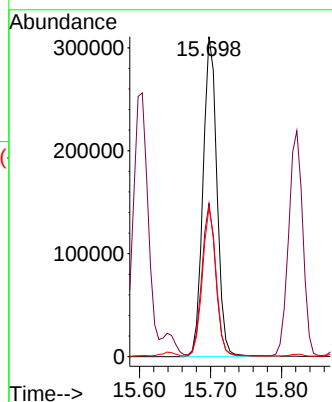
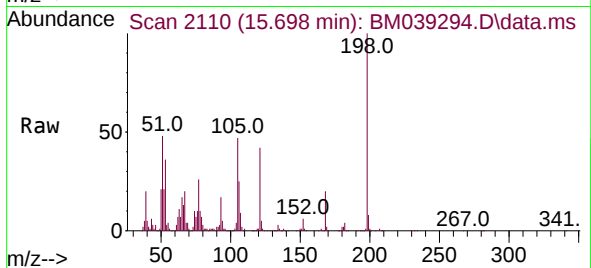




#65
4,6-Dinitro-2-methylphenol
Concen: 41.847 ng
RT: 15.698 min Scan# 2111
Delta R.T. -0.000 min
Lab File: BM039294.D
Acq: 04 Apr 2023 12:31

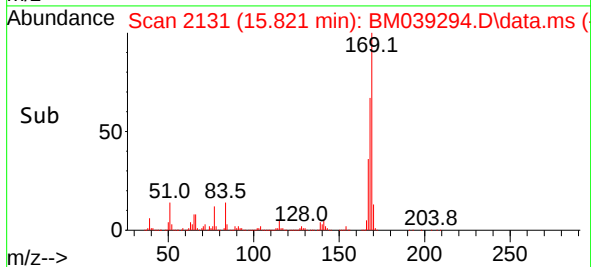
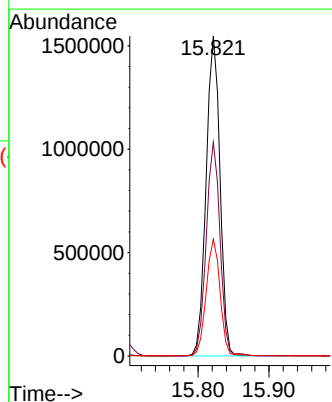
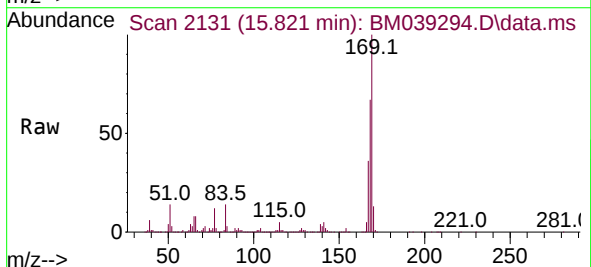
Instrument :
BNA_M
ClientSampleId :
PB151768BS

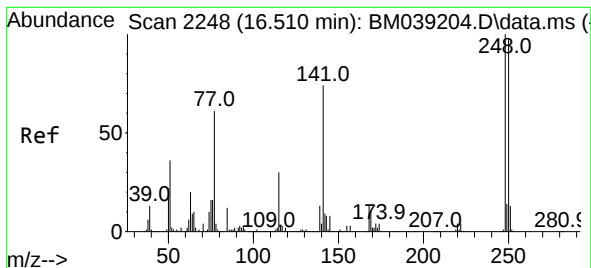
Tgt Ion:198 Resp: 422266
Ion Ratio Lower Upper
198 100
51 47.9 28.9 68.9
105 46.5 28.7 68.7



#66
n-Nitrosodiphenylamine
Concen: 43.307 ng
RT: 15.821 min Scan# 2131
Delta R.T. -0.000 min
Lab File: BM039294.D
Acq: 04 Apr 2023 12:31

Tgt Ion:169 Resp: 2093161
Ion Ratio Lower Upper
169 100
168 66.8 52.8 79.2
167 36.4 28.4 42.6

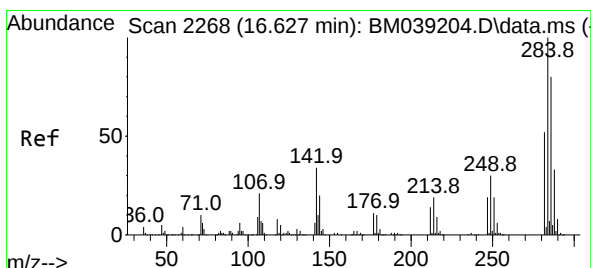
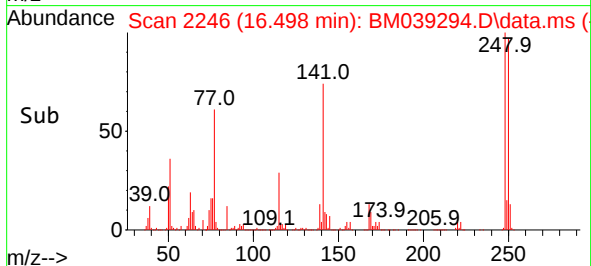
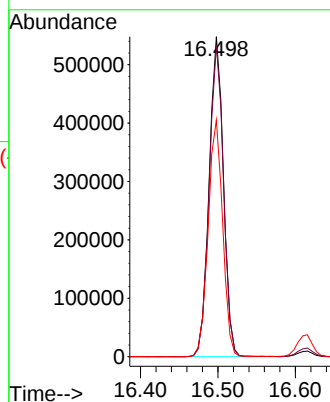
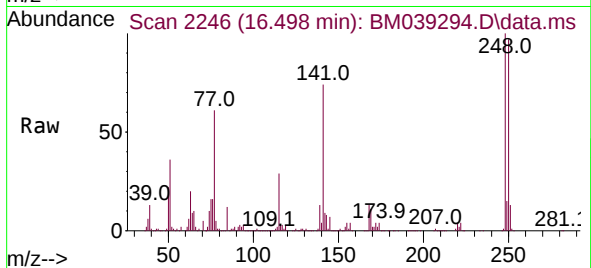




#67
4-Bromophenyl-phenylether
Concen: 42.869 ng
RT: 16.498 min Scan# 2248
Delta R.T. -0.000 min
Lab File: BM039294.D
Acq: 04 Apr 2023 12:31

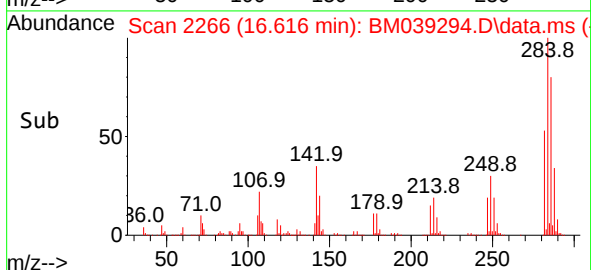
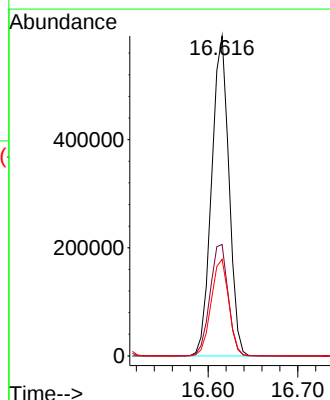
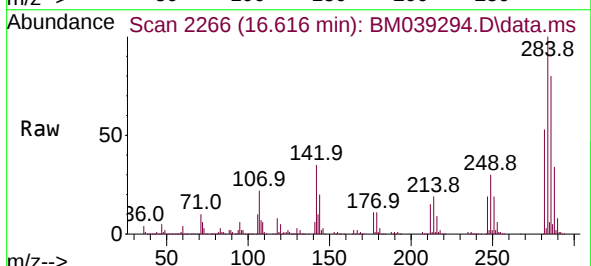
Instrument :
BNA_M
ClientSampleId :
PB151768BS

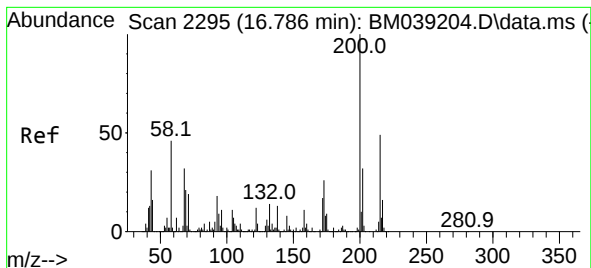
Tgt Ion:248 Resp: 702209
Ion Ratio Lower Upper
248 100
250 97.2 78.8 118.2
141 73.9 58.8 88.2



#68
Hexachlorobenzene
Concen: 44.664 ng
RT: 16.616 min Scan# 2266
Delta R.T. -0.000 min
Lab File: BM039294.D
Acq: 04 Apr 2023 12:31

Tgt Ion:284 Resp: 793273
Ion Ratio Lower Upper
284 100
142 34.8 27.4 41.2
249 30.2 24.4 36.6





#69

Atrazine

Concen: 43.720 ng

RT: 16.774 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM039294.D

Acq: 04 Apr 2023 12:31

Instrument :

BNA_M

ClientSampleId :

PB151768BS

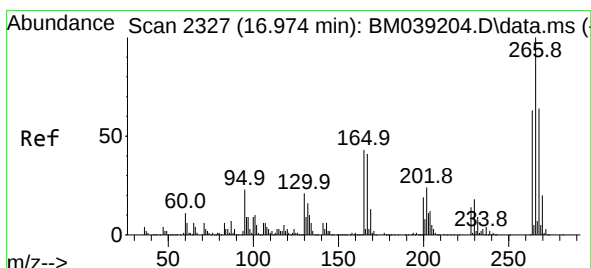
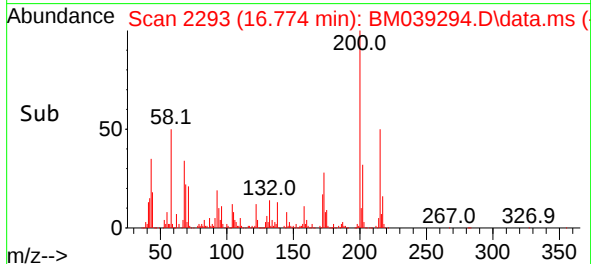
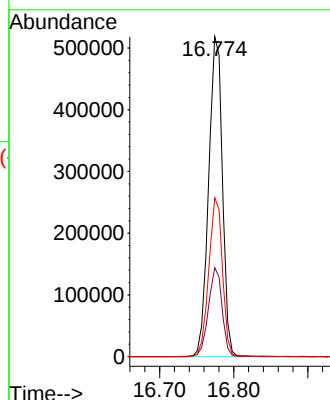
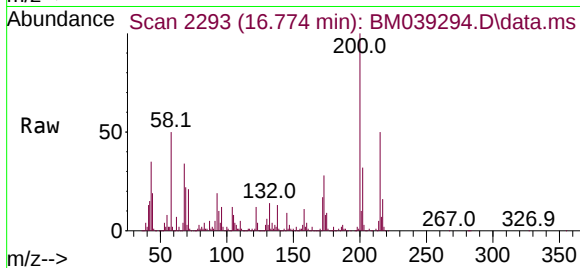
Tgt Ion:200 Resp: 669272

Ion Ratio Lower Upper

200 100

173 27.8 6.4 46.4

215 49.6 28.9 68.9



#70

Pentachlorophenol

Concen: 78.362 ng

RT: 16.963 min Scan# 2325

Delta R.T. -0.000 min

Lab File: BM039294.D

Acq: 04 Apr 2023 12:31

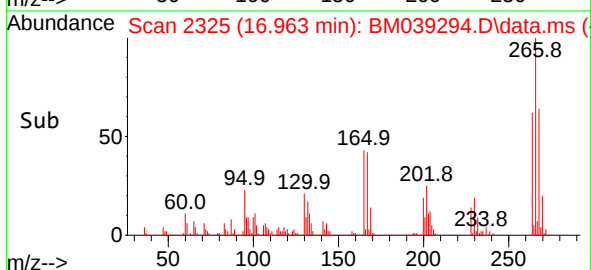
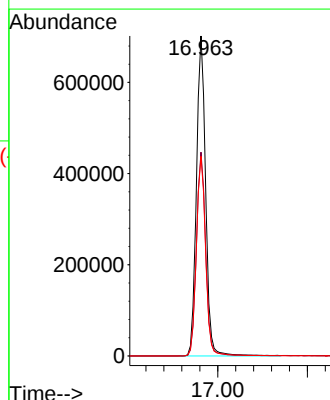
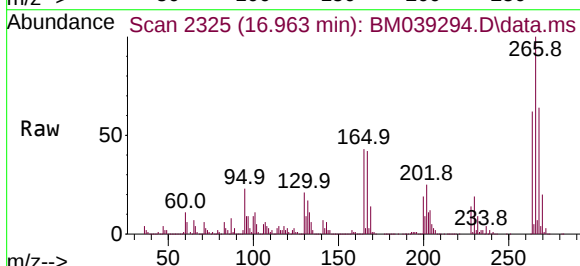
Tgt Ion:266 Resp: 998534

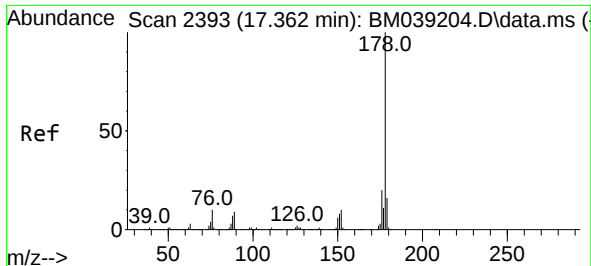
Ion Ratio Lower Upper

266 100

268 63.7 51.4 77.2

264 62.4 50.2 75.4

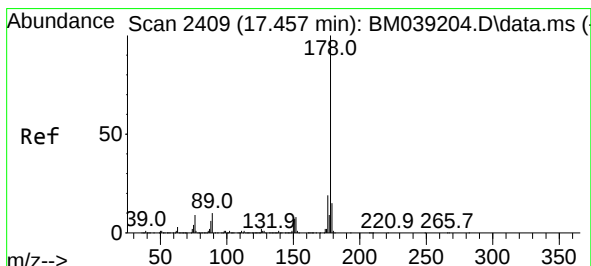
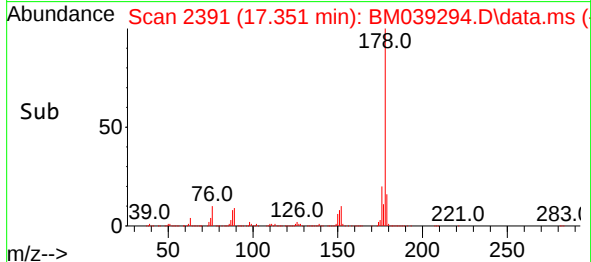
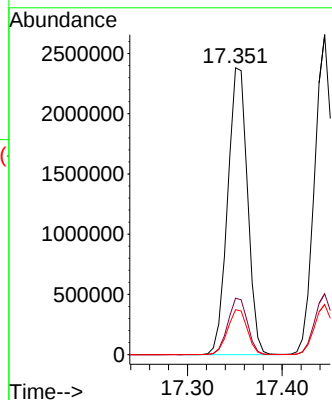
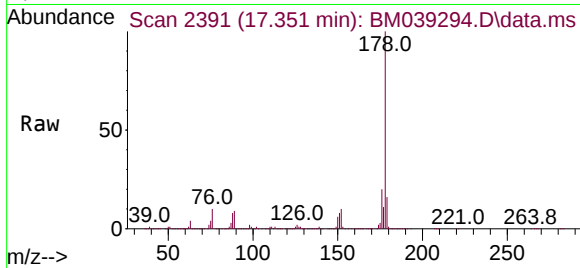




#71
Phenanthrene
Concen: 41.268 ng
RT: 17.351 min Scan# 2391
Delta R.T. -0.006 min
Lab File: BM039294.D
Acq: 04 Apr 2023 12:31

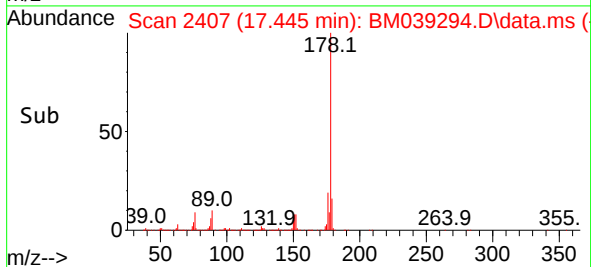
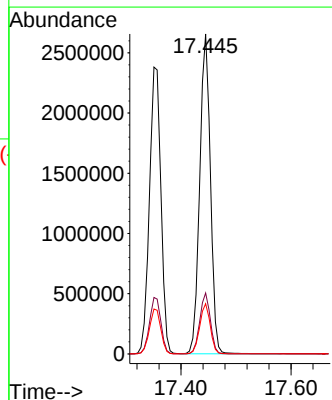
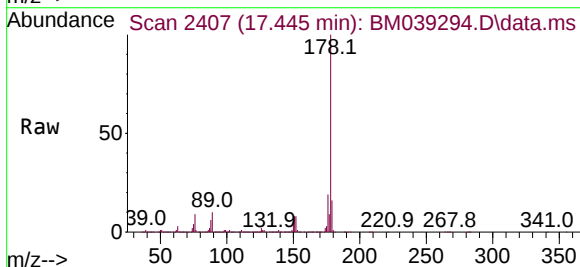
Instrument :
BNA_M
ClientSampleId :
PB151768BS

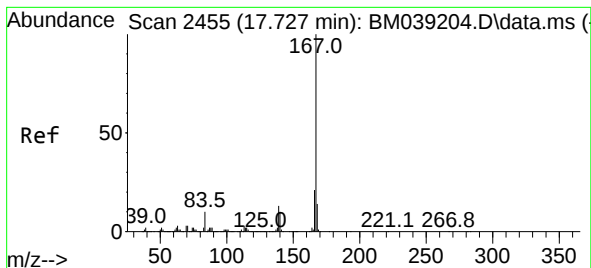
Tgt Ion:178 Resp: 3466729
Ion Ratio Lower Upper
178 100
176 19.7 15.7 23.5
179 15.6 12.4 18.6



#72
Anthracene
Concen: 41.733 ng
RT: 17.445 min Scan# 2407
Delta R.T. -0.000 min
Lab File: BM039294.D
Acq: 04 Apr 2023 12:31

Tgt Ion:178 Resp: 3574765
Ion Ratio Lower Upper
178 100
176 19.0 14.9 22.3
179 15.7 12.2 18.2





#73

Carbazole

Concen: 40.439 ng

RT: 17.715 min Scan# 24

Delta R.T. -0.006 min

Lab File: BM039294.D

Acq: 04 Apr 2023 12:31

Instrument :

BNA_M

ClientSampleId :

PB151768BS

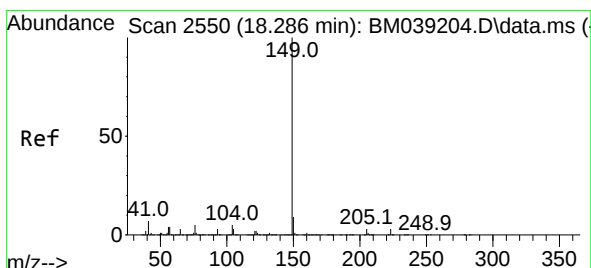
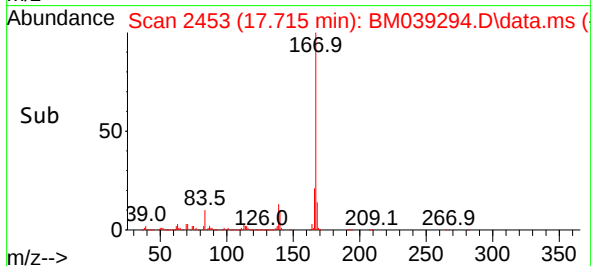
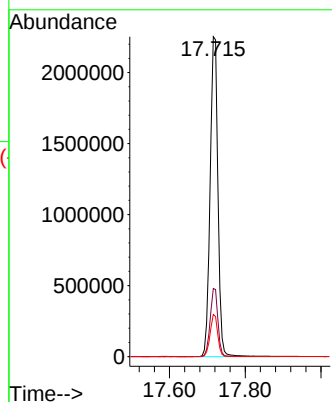
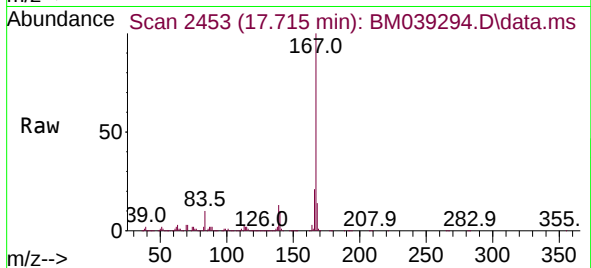
Tgt Ion:167 Resp: 3236762

Ion Ratio Lower Upper

167 100

166 21.3 17.2 25.8

139 13.2 10.6 16.0



#74

Di-n-butylphthalate

Concen: 39.426 ng

RT: 18.274 min Scan# 2548

Delta R.T. -0.006 min

Lab File: BM039294.D

Acq: 04 Apr 2023 12:31

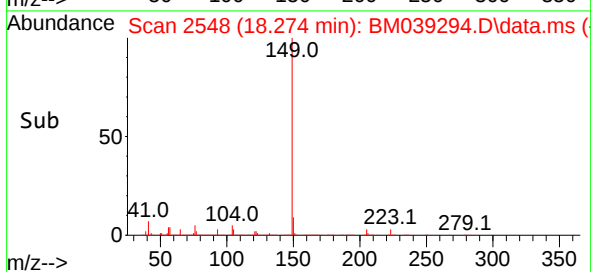
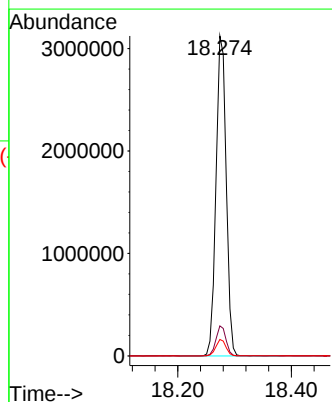
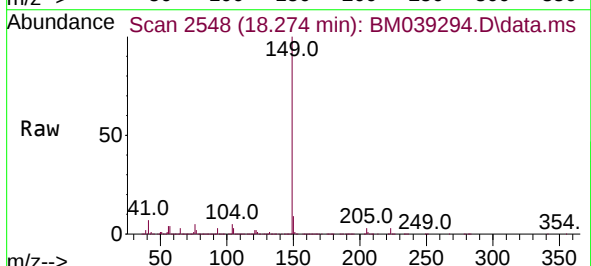
Tgt Ion:149 Resp: 3903542

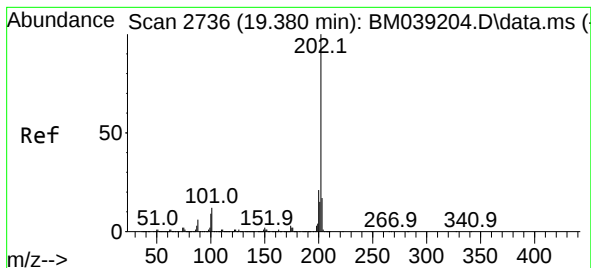
Ion Ratio Lower Upper

149 100

150 9.4 7.5 11.3

104 5.1 4.1 6.1





#75

Fluoranthene

Concen: 35.980 ng

RT: 19.368 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM039294.D

Acq: 04 Apr 2023 12:31

Instrument :

BNA_M

ClientSampleId :

PB151768BS

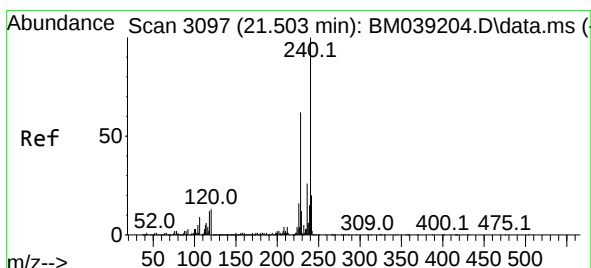
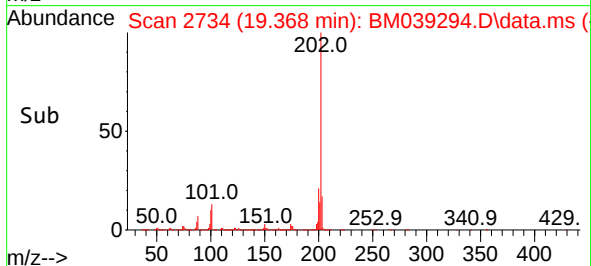
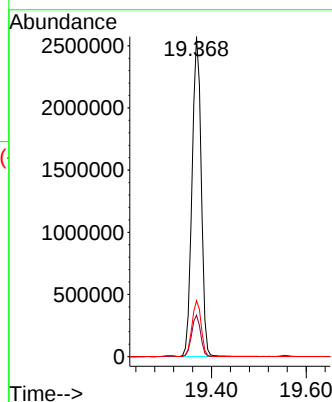
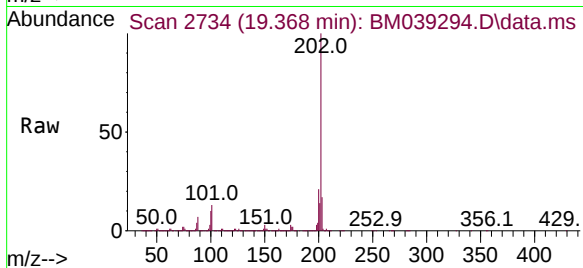
Tgt Ion:202 Resp: 3445368

Ion Ratio Lower Upper

202 100

101 12.9 0.0 32.5

203 17.5 0.0 37.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.498 min Scan# 3096

Delta R.T. -0.000 min

Lab File: BM039294.D

Acq: 04 Apr 2023 12:31

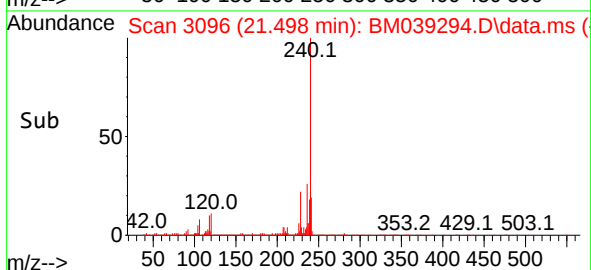
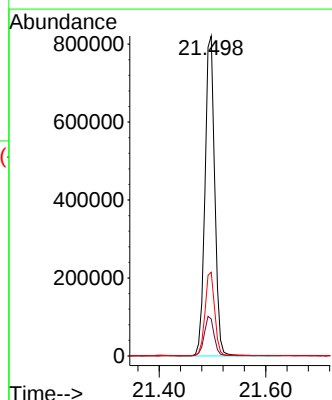
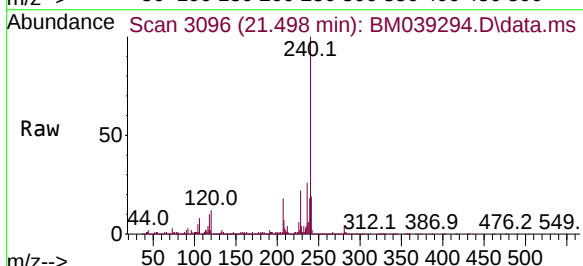
Tgt Ion:240 Resp: 1037412

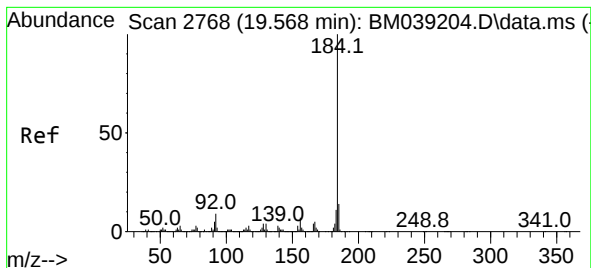
Ion Ratio Lower Upper

240 100

120 11.5 10.2 15.2

236 26.1 20.9 31.3





#77

Benzidine

Concen: 64.930 ng

RT: 19.556 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM039294.D

Acq: 04 Apr 2023 12:31

Instrument :

BNA_M

ClientSampleId :

PB151768BS

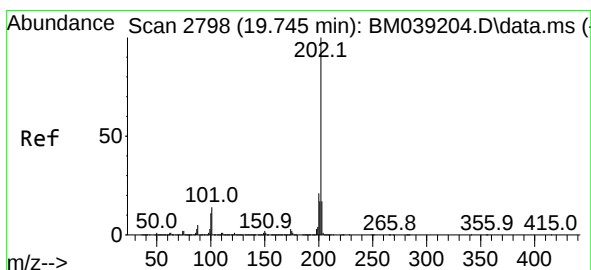
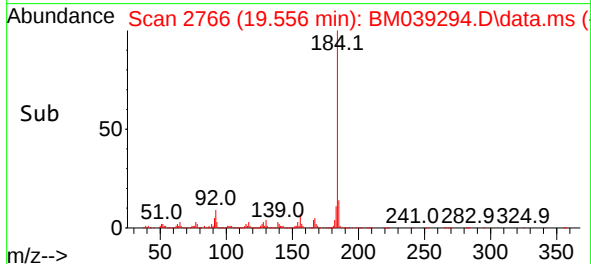
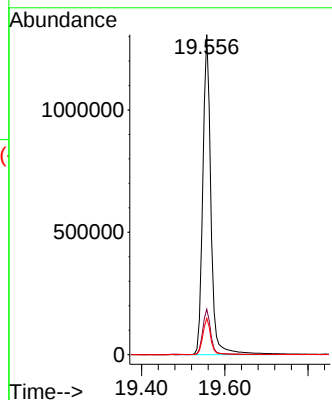
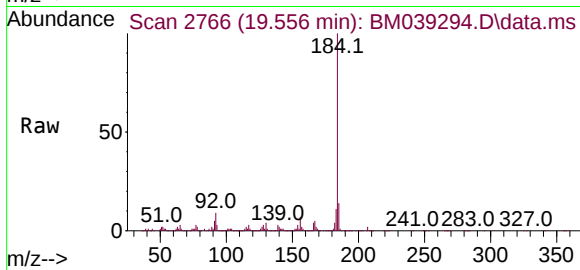
Tgt Ion:184 Resp: 1776680

Ion Ratio Lower Upper

184 100

185 14.2 11.4 17.0

183 11.3 9.0 13.4



#78

Pyrene

Concen: 48.154 ng

RT: 19.733 min Scan# 2796

Delta R.T. -0.000 min

Lab File: BM039294.D

Acq: 04 Apr 2023 12:31

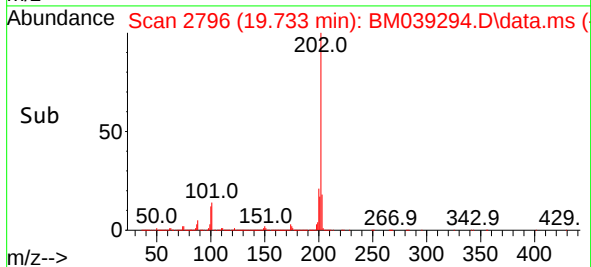
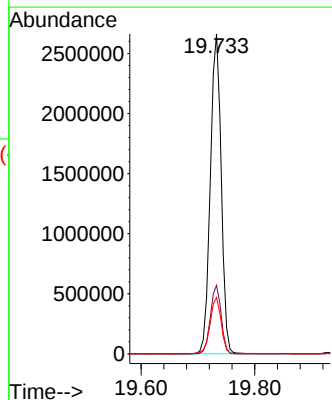
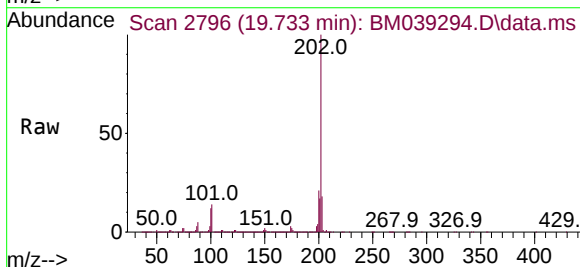
Tgt Ion:202 Resp: 3556320

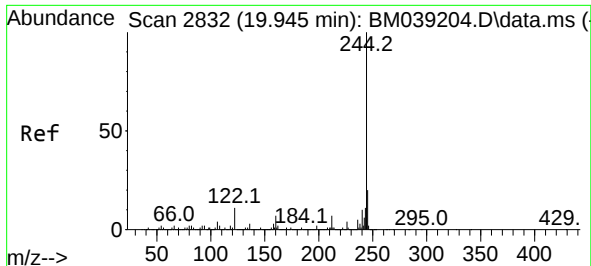
Ion Ratio Lower Upper

202 100

200 21.4 17.1 25.7

203 17.6 13.9 20.9

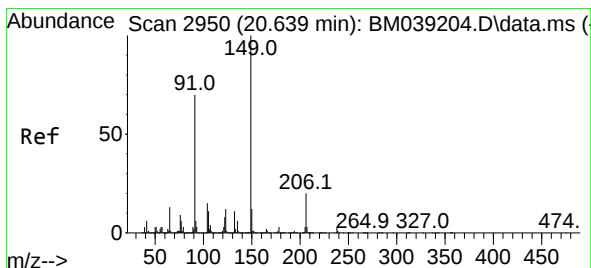
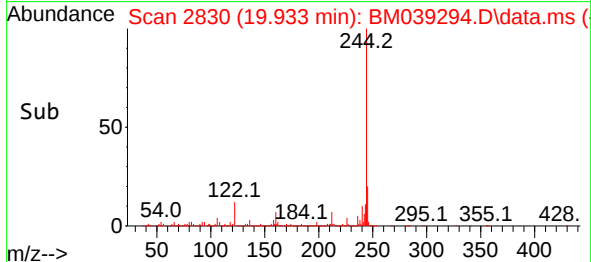
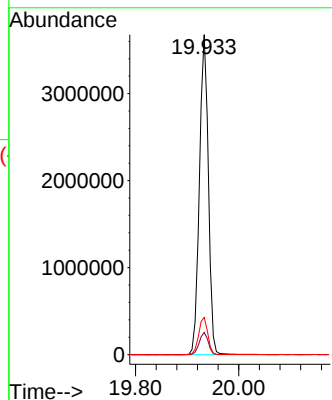
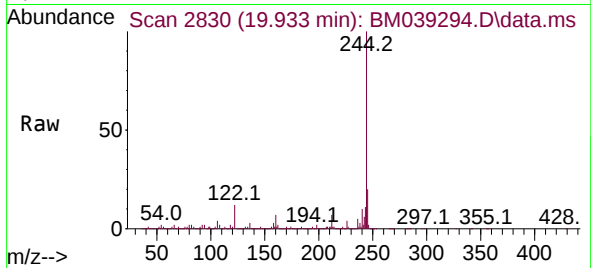




#79
 Terphenyl-d14
 Concen: 78.240 ng
 RT: 19.933 min Scan# 2832
 Delta R.T. -0.000 min
 Lab File: BM039294.D
 Acq: 04 Apr 2023 12:31

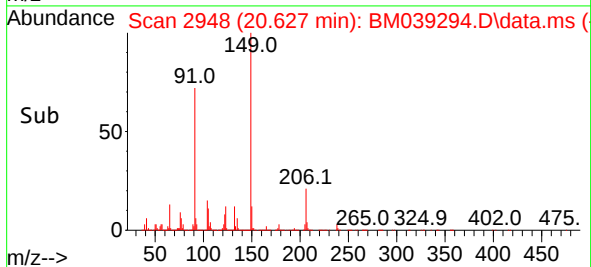
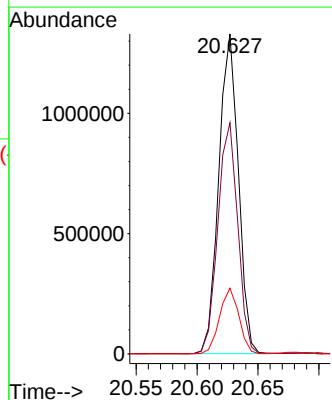
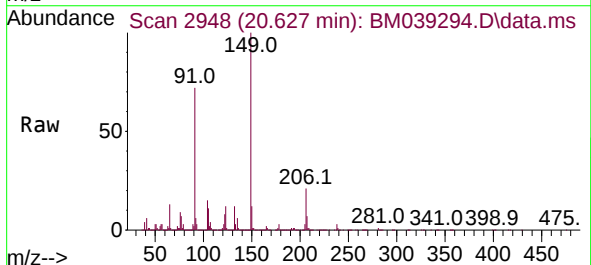
Instrument :
 BNA_M
 ClientSampleId :
 PB151768BS

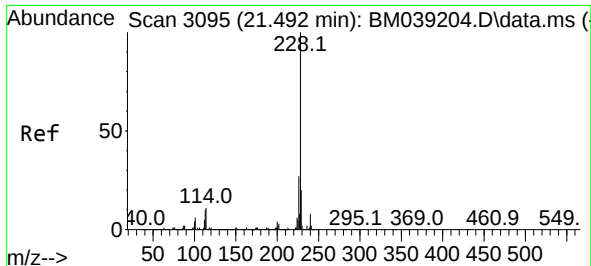
Tgt Ion:244 Resp: 4393242
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.6 8.4
 122 11.6 9.1 13.7



#80
 Butylbenzylphthalate
 Concen: 43.849 ng
 RT: 20.627 min Scan# 2948
 Delta R.T. -0.000 min
 Lab File: BM039294.D
 Acq: 04 Apr 2023 12:31

Tgt Ion:149 Resp: 1483599
 Ion Ratio Lower Upper
 149 100
 91 72.2 56.3 84.5
 206 20.5 16.4 24.6

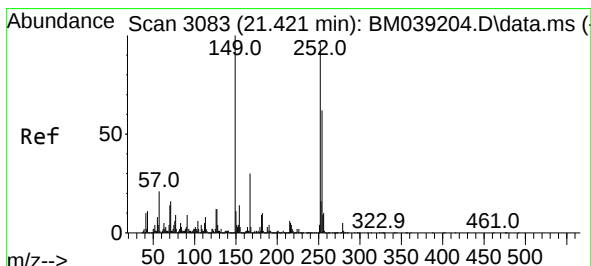
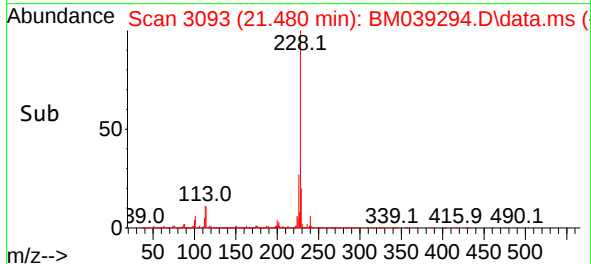
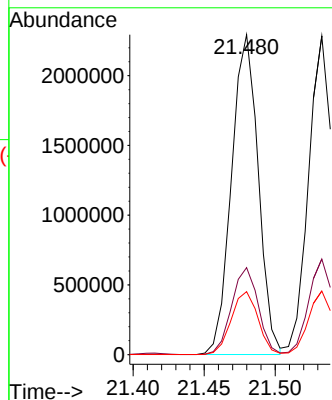
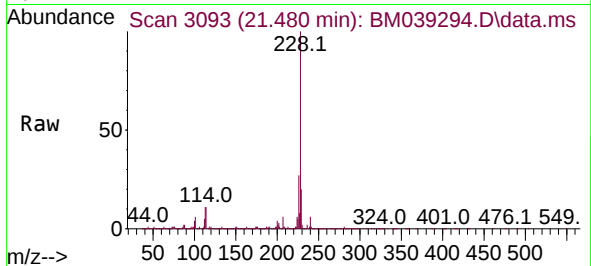




#81
Benzo(a)anthracene
Concen: 41.034 ng
RT: 21.480 min Scan# 3095
Delta R.T. -0.000 min
Lab File: BM039294.D
Acq: 04 Apr 2023 12:31

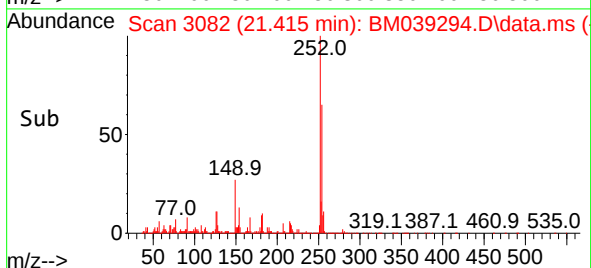
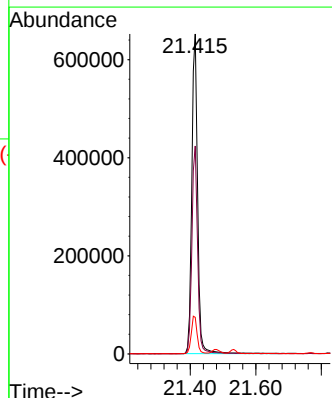
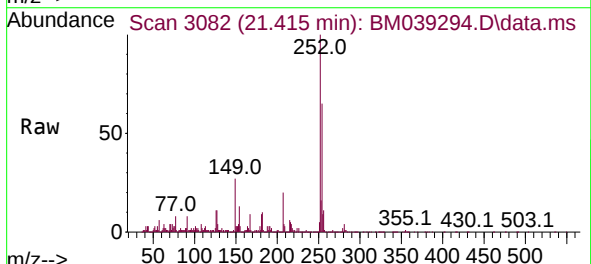
Instrument :
BNA_M
ClientSampleId :
PB151768BS

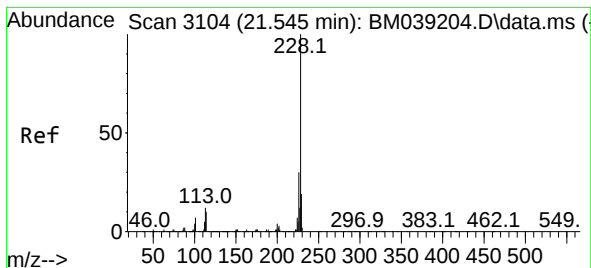
Tgt Ion:228 Resp: 3002280
Ion Ratio Lower Upper
228 100
226 27.2 21.9 32.9
229 19.7 15.8 23.6



#82
3,3'-Dichlorobenzidine
Concen: 32.962 ng
RT: 21.415 min Scan# 3082
Delta R.T. -0.000 min
Lab File: BM039294.D
Acq: 04 Apr 2023 12:31

Tgt Ion:252 Resp: 803391
Ion Ratio Lower Upper
252 100
254 65.0 51.8 77.8
126 11.4 10.1 15.1





#83

Chrysene

Concen: 39.697 ng

RT: 21.533 min Scan# 31

Delta R.T. -0.000 min

Lab File: BM039294.D

Acq: 04 Apr 2023 12:31

Instrument :

BNA_M

ClientSampleId :

PB151768BS

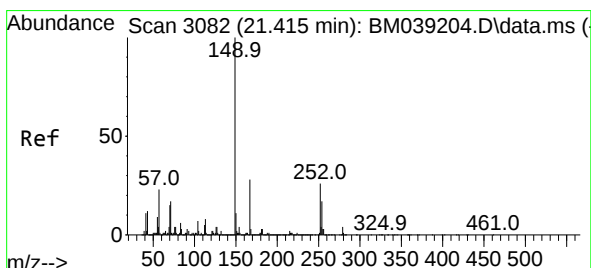
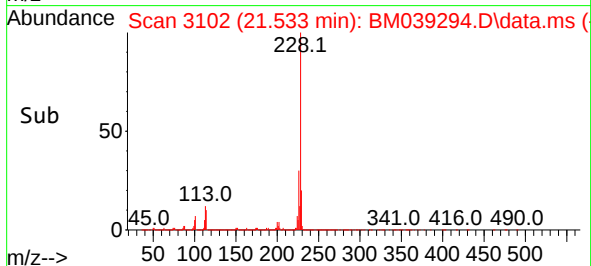
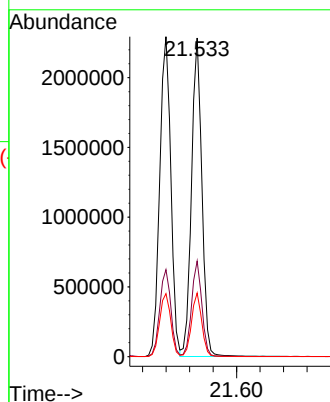
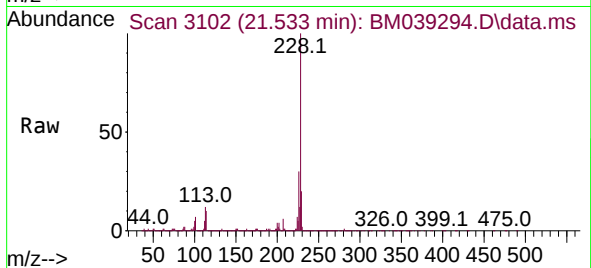
Tgt Ion:228 Resp: 2803803

Ion Ratio Lower Upper

228 100

226 30.0 24.1 36.1

229 20.0 15.5 23.3



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.872 ng

RT: 21.398 min Scan# 3079

Delta R.T. -0.006 min

Lab File: BM039294.D

Acq: 04 Apr 2023 12:31

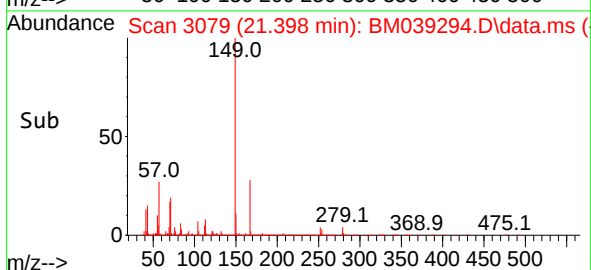
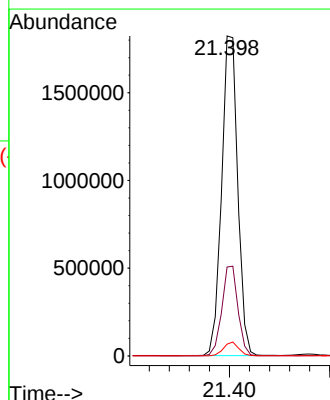
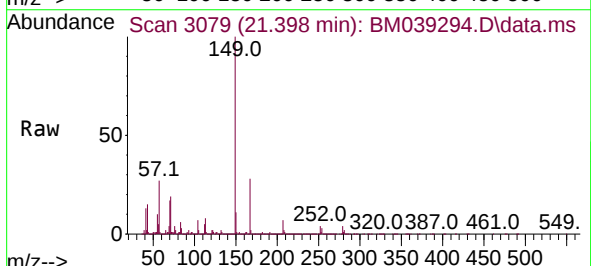
Tgt Ion:149 Resp: 2042354

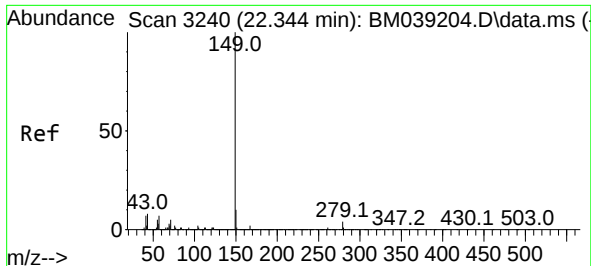
Ion Ratio Lower Upper

149 100

167 27.8 22.3 33.5

279 3.7 3.4 5.2

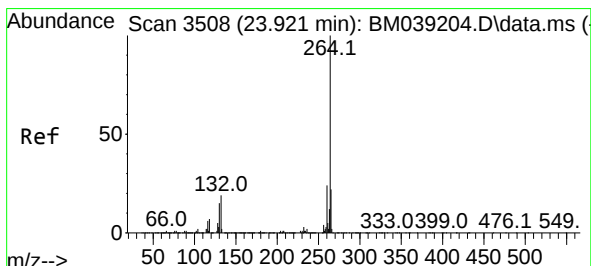
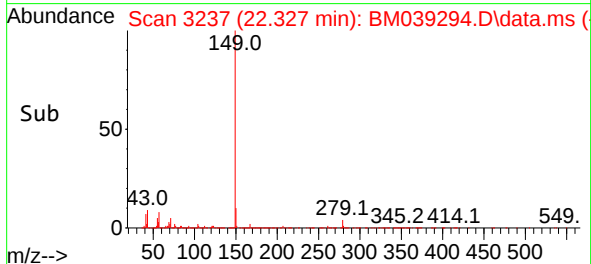
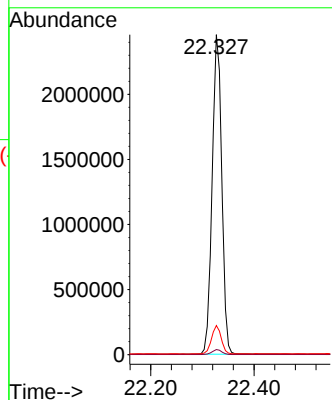
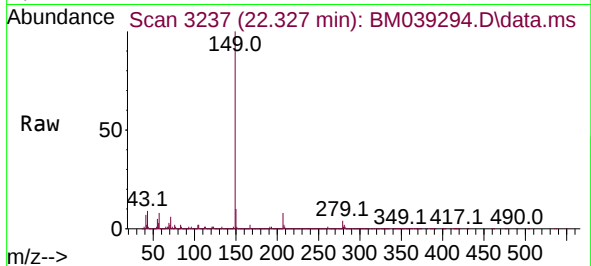




#85
Di-n-octyl phthalate
Concen: 35.176 ng
RT: 22.327 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM039294.D
Acq: 04 Apr 2023 12:31

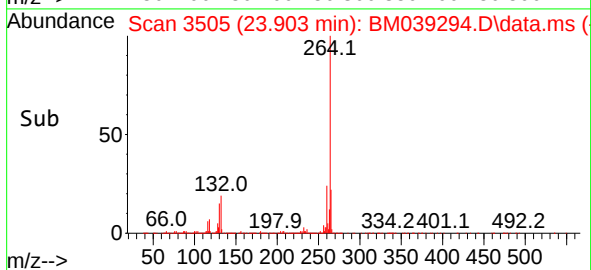
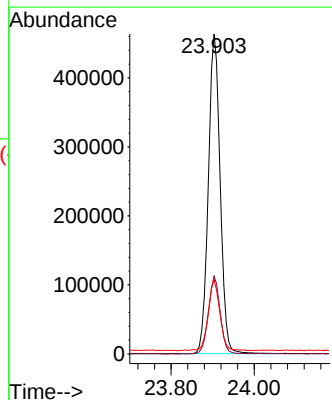
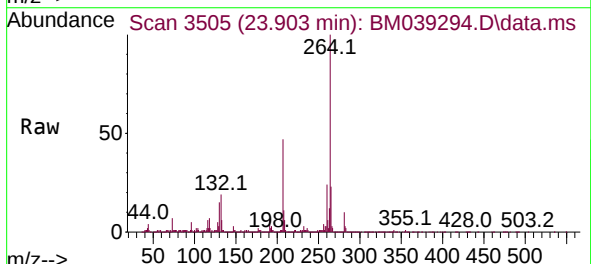
Instrument :
BNA_M
ClientSampleId :
PB151768BS

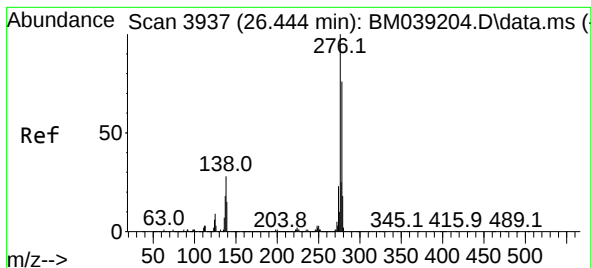
Tgt Ion:149 Resp: 3166848
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 8.8 6.9 10.3



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.903 min Scan# 3505
Delta R.T. -0.000 min
Lab File: BM039294.D
Acq: 04 Apr 2023 12:31

Tgt Ion:264 Resp: 914065
Ion Ratio Lower Upper
264 100
260 24.3 19.0 28.6
265 23.1 18.1 27.1





#87

Indeno(1,2,3-cd)pyrene

Concen: 38.203 ng

RT: 26.409 min Scan# 3931

Delta R.T. -0.006 min

Lab File: BM039294.D

Acq: 04 Apr 2023 12:31

Instrument :

BNA_M

ClientSampleId :

PB151768BS

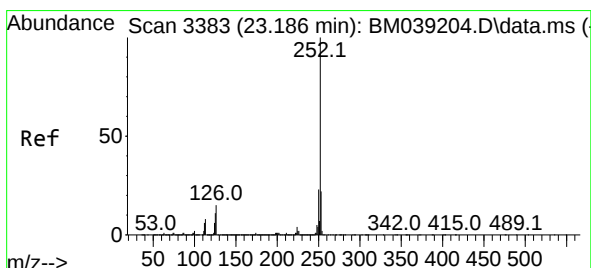
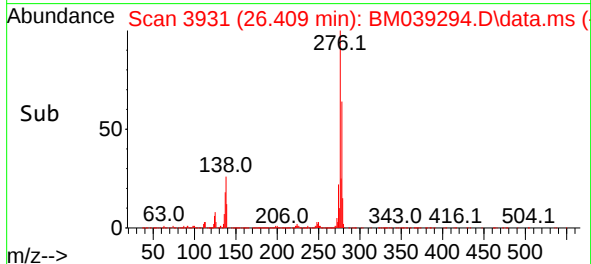
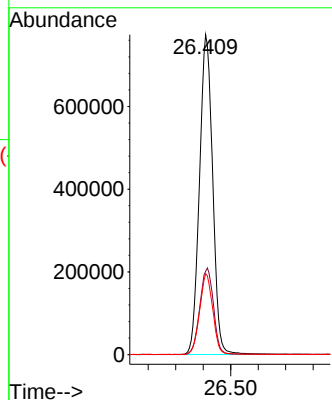
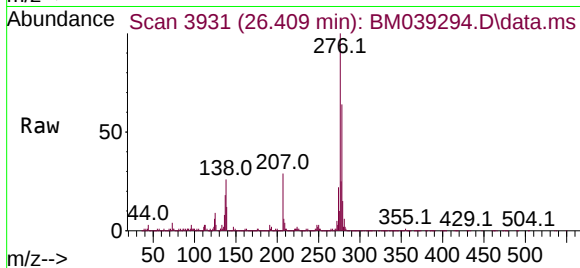
Tgt Ion:276 Resp: 2572917

Ion Ratio Lower Upper

276 100

138 28.0 22.2 33.2

277 24.9 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 44.982 ng

RT: 23.168 min Scan# 3380

Delta R.T. -0.006 min

Lab File: BM039294.D

Acq: 04 Apr 2023 12:31

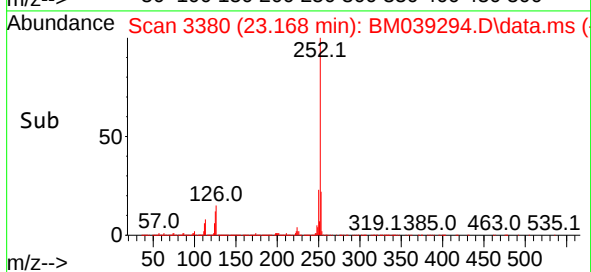
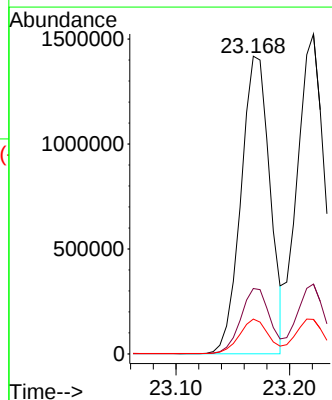
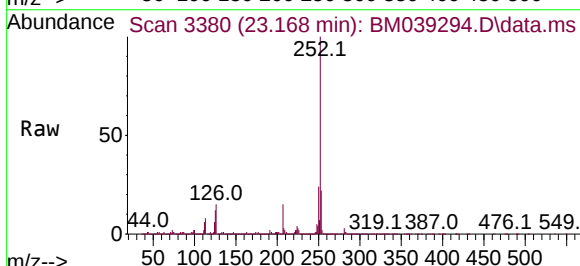
Tgt Ion:252 Resp: 2515836

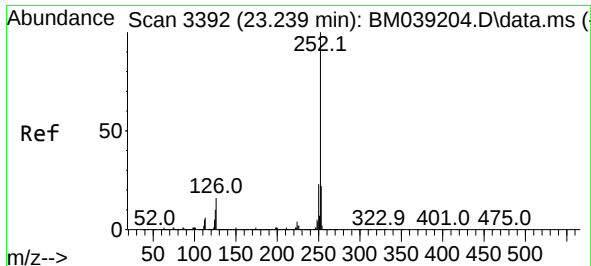
Ion Ratio Lower Upper

252 100

253 22.0 17.6 26.4

125 11.7 9.0 13.6

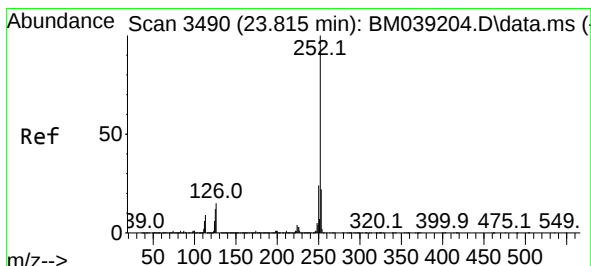
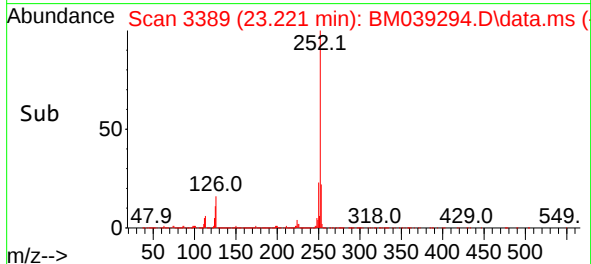
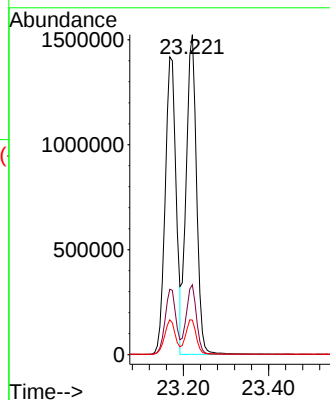
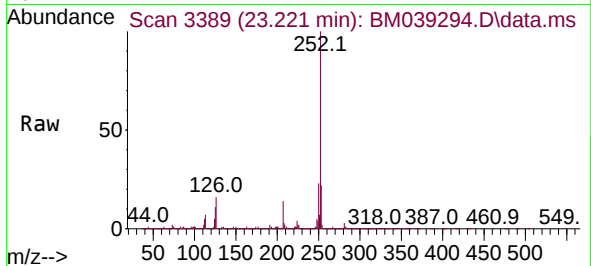




#89
Benzo(k)fluoranthene
Concen: 45.277 ng
RT: 23.221 min Scan# 341
Delta R.T. -0.000 min
Lab File: BM039294.D
Acq: 04 Apr 2023 12:31

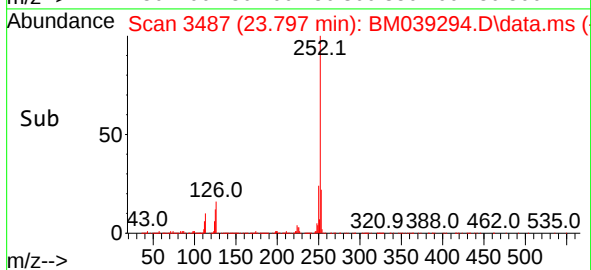
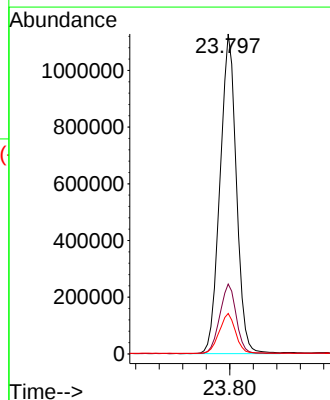
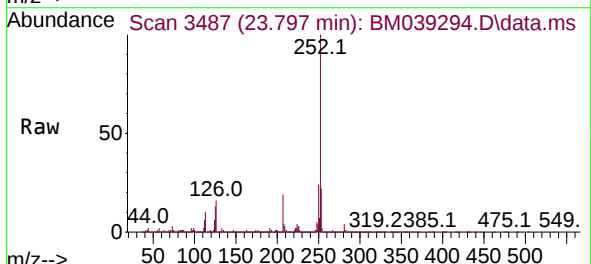
Instrument :
BNA_M
ClientSampleId :
PB151768BS

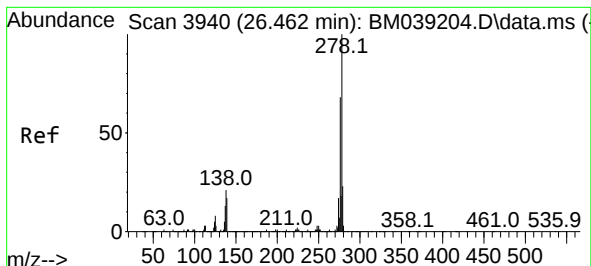
Tgt Ion:252 Resp: 2579434
Ion Ratio Lower Upper
252 100
253 21.8 17.8 26.8
125 10.8 8.5 12.7



#90
Benzo(a)pyrene
Concen: 39.696 ng
RT: 23.797 min Scan# 3487
Delta R.T. -0.000 min
Lab File: BM039294.D
Acq: 04 Apr 2023 12:31

Tgt Ion:252 Resp: 2181021
Ion Ratio Lower Upper
252 100
253 21.8 17.6 26.4
125 12.6 9.8 14.6





#91

Dibenzo(a,h)anthracene

Concen: 38.034 ng

RT: 26.427 min Scan# 39

Delta R.T. -0.000 min

Lab File: BM039294.D

Acq: 04 Apr 2023 12:31

Instrument :

BNA_M

ClientSampleId :

PB151768BS

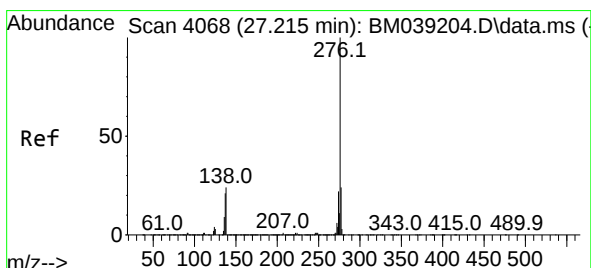
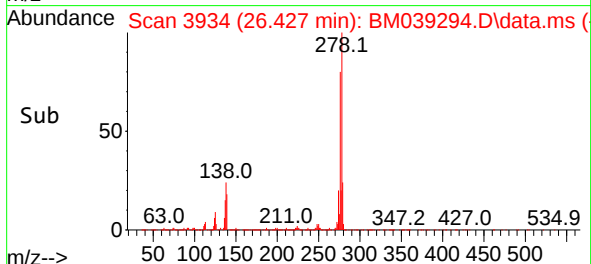
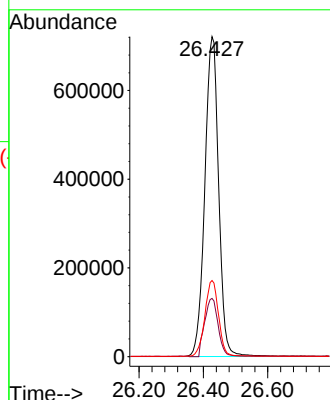
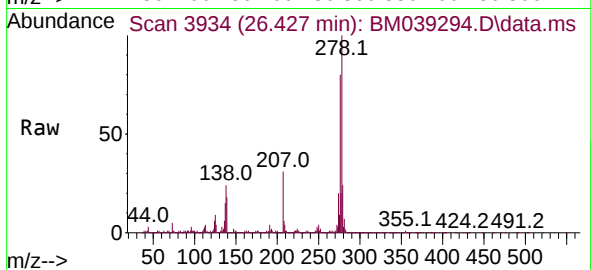
Tgt Ion:278 Resp: 2150881

Ion Ratio Lower Upper

278 100

139 18.2 13.9 20.9

279 23.8 18.8 28.2



#92

Benzo(g,h,i)perylene

Concen: 37.567 ng

RT: 27.180 min Scan# 4062

Delta R.T. -0.006 min

Lab File: BM039294.D

Acq: 04 Apr 2023 12:31

Tgt Ion:276 Resp: 2089280

Ion Ratio Lower Upper

276 100

277 23.4 19.1 28.7

138 24.3 19.5 29.3

