

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032423\
 Data File : BM039146.D
 Acq On : 24 Mar 2023 17:51
 Operator : CG/JU
 Sample : 02047-01MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 R-PITMSD

Quant Time: Mar 25 01:06:33 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM030823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 24 15:04:20 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.951	152	263680	20.000	ng	0.00
21) Naphthalene-d8	10.763	136	991761	20.000	ng	0.00
39) Acenaphthene-d10	14.592	164	502155	20.000	ng	0.00
64) Phenanthrene-d10	17.339	188	900734	20.000	ng	0.00
76) Chrysene-d12	21.521	240	691877	20.000	ng	0.00
86) Perylene-d12	23.944	264	781653	20.000	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	1226088	70.646	ng	0.00
7) Phenol-d6	7.116	99	1565100	69.427	ng	0.00
23) Nitrobenzene-d5	9.122	82	962227	47.658	ng	0.00
42) 2,4,6-Tribromophenol	16.086	330	387526	66.710	ng	0.00
45) 2-Fluorobiphenyl	13.222	172	1822397	47.244	ng	0.00
79) Terphenyl-d14	19.956	244	1822571	48.163	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	3.375	88	312599	40.486	ng 100
3) Pyridine	3.787	79	788272	36.812	ng 99
4) n-Nitrosodimethylamine	3.693	42	359618	41.270	ng 93
6) Aniline	7.275	93	972846	32.867	ng 99
8) 2-Chlorophenol	7.516	128	864656	46.796	ng 98
9) Benzaldehyde	7.087	77	583090	54.355	ng 97
10) Phenol	7.145	94	1094006	45.699	ng 97
11) bis(2-Chloroethyl)ether	7.375	93	858640	44.116	ng 98
12) 1,3-Dichlorobenzene	7.840	146	947903	48.274	ng 99
13) 1,4-Dichlorobenzene	7.987	146	963395	48.241	ng 99
14) 1,2-Dichlorobenzene	8.304	146	914264	47.527	ng 100
15) Benzyl Alcohol	8.198	79	737439	45.640	ng 99
16) 2,2'-oxybis(1-Chloropr...	8.487	45	1075481	43.752	ng 99
17) 2-Methylphenol	8.404	107	697983	42.444	ng 99
18) Hexachloroethane	9.034	117	363347	49.313	ng 96
19) n-Nitroso-di-n-propyla...	8.769	70	622429	43.836	ng 98
20) 3+4-Methylphenols	8.734	107	928065	42.266	ng 99
22) Acetophenone	8.781	105	1269798	45.635	ng # 98
24) Nitrobenzene	9.163	77	924573	43.568	ng 97
25) Isophorone	9.692	82	1653506	44.504	ng 100
26) 2-Nitrophenol	9.875	139	450988	48.122	ng 96
27) 2,4-Dimethylphenol	9.939	122	754386	46.599	ng 99
28) bis(2-Chloroethoxy)met...	10.175	93	1040285	43.576	ng 100
29) 2,4-Dichlorophenol	10.416	162	722191	47.053	ng 99
30) 1,2,4-Trichlorobenzene	10.628	180	791633	47.199	ng 99
31) Naphthalene	10.816	128	2492274	44.070	ng 100
32) Benzoic acid	10.086	122	547408	46.315	ng 97
33) 4-Chloroaniline	10.928	127	258557	10.728	ng 99
34) Hexachlorobutadiene	11.098	225	456213	47.432	ng 97
35) Caprolactam	11.728	113	214139	45.841	ng 100
36) 4-Chloro-3-methylphenol	12.057	107	724653	44.338	ng 99
37) 2-Methylnaphthalene	12.422	142	1605887	42.367	ng 99
38) 1-Methylnaphthalene	12.639	142	1500433	42.241	ng 99
40) 1,2,4,5-Tetrachloroben...	12.792	216	797535	48.854	ng 99
41) Hexachlorocyclopentadiene	12.769	237	1087094	121.316	ng 99
43) 2,4,6-Trichlorophenol	13.033	196	522666	49.442	ng 100

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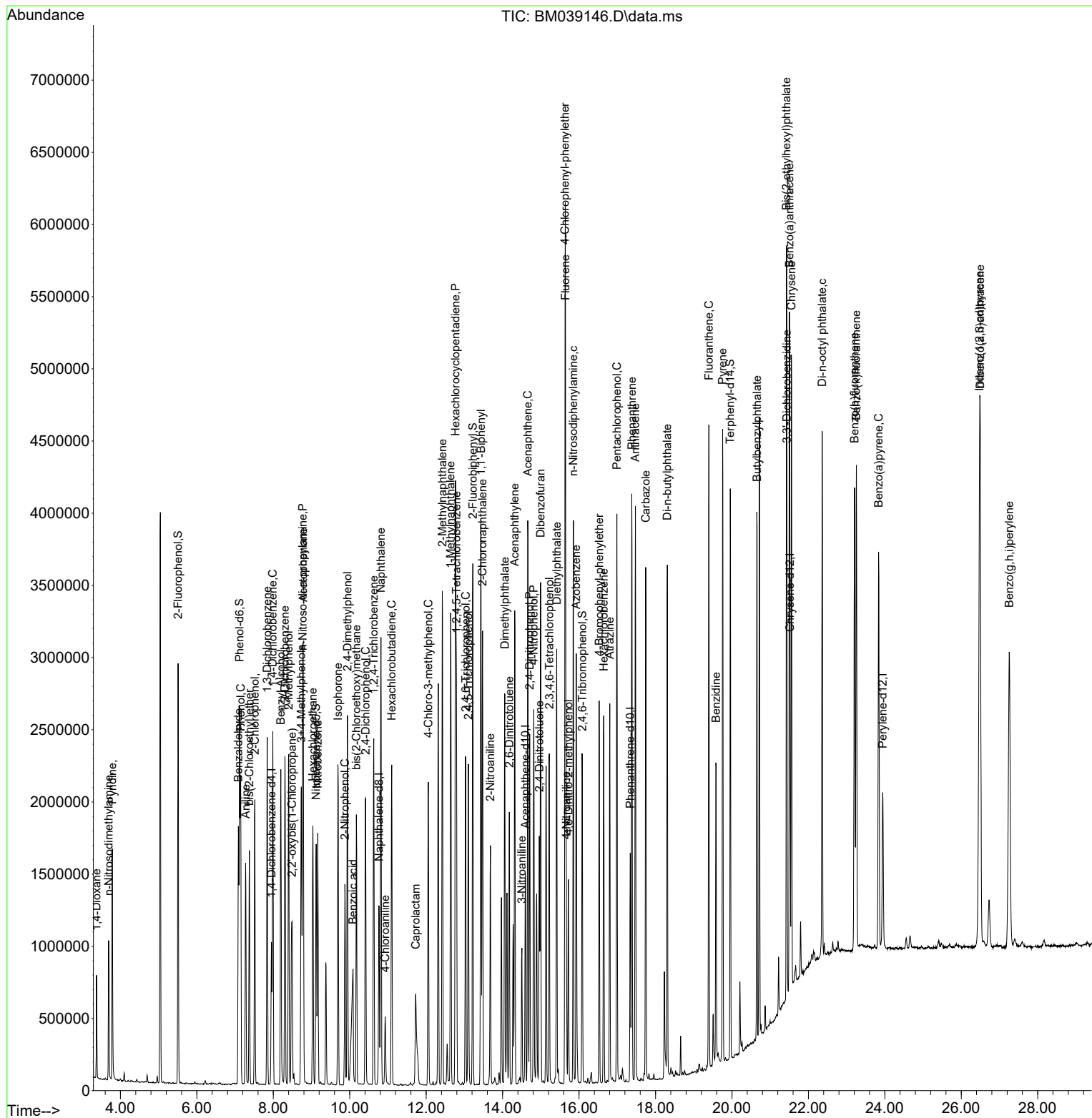
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.104	196	549792	44.433	ng	96
46) 1,1'-Biphenyl	13.433	154	2000820	47.032	ng	99
47) 2-Chloronaphthalene	13.474	162	1519076	47.354	ng	99
48) 2-Nitroaniline	13.680	65	450246	44.029	ng	94
49) Acenaphthylene	14.316	152	2307730	45.163	ng	99
50) Dimethylphthalate	14.057	163	1688202	43.690	ng	99
51) 2,6-Dinitrotoluene	14.174	165	373465	43.831	ng	97
52) Acenaphthene	14.657	154	1378645	43.902	ng	98
53) 3-Nitroaniline	14.504	138	239019	24.724	ng	96
54) 2,4-Dinitrophenol	14.710	184	474217	95.474	ng	91
55) Dibenzofuran	14.992	168	2127334	43.291	ng	99
56) 4-Nitrophenol	14.816	139	698572	91.030	ng	96
57) 2,4-Dinitrotoluene	14.963	165	490784	43.829	ng	95
58) Fluorene	15.645	166	1639169	42.583	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.221	232	436483	45.740	ng	97
60) Diethylphthalate	15.416	149	1612316	42.884	ng	99
61) 4-Chlorophenyl-phenyle...	15.633	204	799380	42.272	ng	98
62) 4-Nitroaniline	15.668	138	390988	38.800	ng	96
63) Azobenzene	15.927	77	1730344	43.495	ng	97
65) 4,6-Dinitro-2-methylph...	15.721	198	276250	46.810	ng	95
66) n-Nitrosodiphenylamine	15.851	169	1383011	45.545	ng	99
67) 4-Bromophenyl-phenylether	16.527	248	461332	47.419	ng	98
68) Hexachlorobenzene	16.645	284	522498	48.042	ng	98
69) Atrazine	16.804	200	428323	51.641	ng	99
70) Pentachlorophenol	16.992	266	662489	82.819	ng	99
71) Phenanthrene	17.380	178	2354623	44.541	ng	100
72) Anthracene	17.474	178	2360286	44.771	ng	100
73) Carbazole	17.745	167	2142178	44.522	ng	100
74) Di-n-butylphthalate	18.309	149	2570491	43.959	ng	99
75) Fluoranthene	19.398	202	2455998	44.001	ng	99
77) Benzidine	19.586	184	1216108	74.154	ng	98
78) Pyrene	19.756	202	2546113	48.996	ng	100
80) Butylbenzylphthalate	20.656	149	1039661	47.117	ng	97
81) Benzo(a)anthracene	21.503	228	2262257	45.404	ng	99
82) 3,3'-Dichlorobenzidine	21.439	252	615054	40.165	ng	99
83) Chrysene	21.556	228	2175911	44.902	ng	100
84) Bis(2-ethylhexyl)phtha...	21.427	149	1477010	46.324	ng	100
85) Di-n-octyl phthalate	22.362	149	2566086	48.369	ng	98
87) Indeno(1,2,3-cd)pyrene	26.480	276	3133044	52.676	ng	100
88) Benzo(b)fluoranthene	23.209	252	2330784	46.674	ng	100
89) Benzo(k)fluoranthene	23.256	252	2234193	42.990	ng	100
90) Benzo(a)pyrene	23.839	252	2084182	43.366	ng	100
91) Dibenzo(a,h)anthracene	26.497	278	2609218	51.800	ng	99
92) Benzo(g,h,i)perylene	27.256	276	2656391	53.903	ng	99

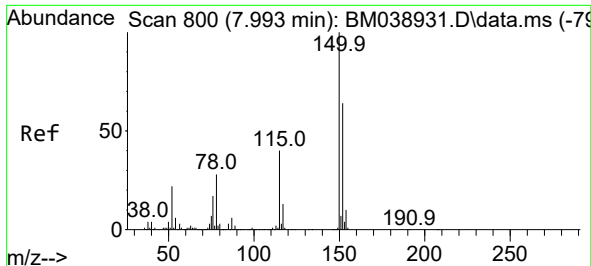
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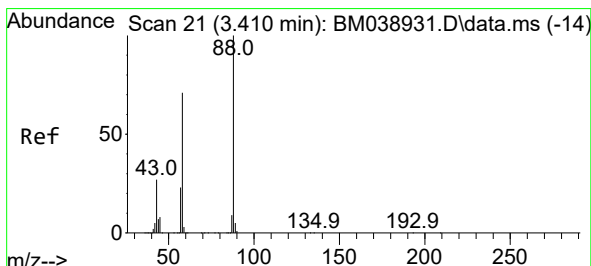
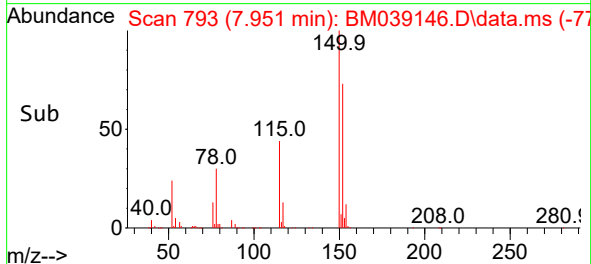
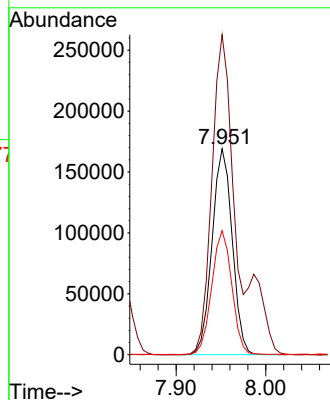
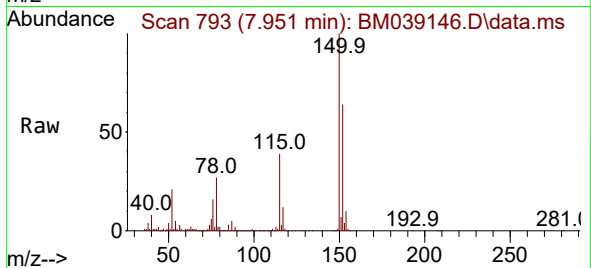




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.951 min Scan# 79
Delta R.T. 0.000 min
Lab File: BM039146.D
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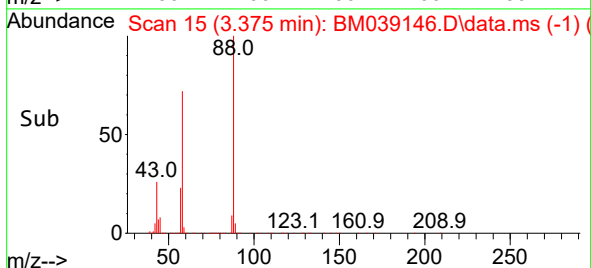
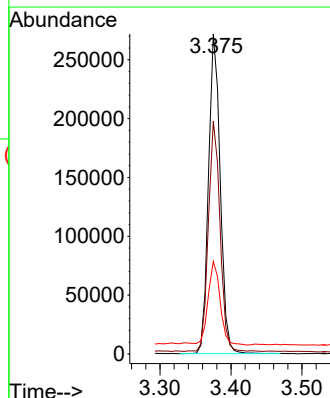
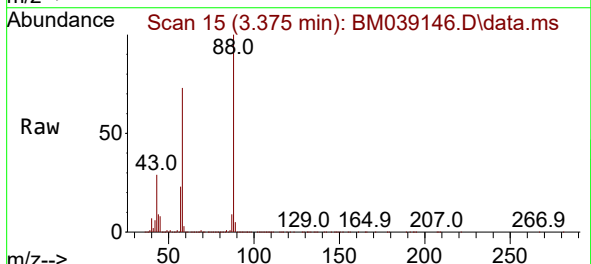
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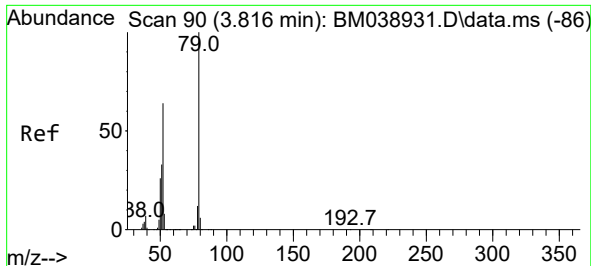
Tgt Ion:152 Resp: 263680
Ion Ratio Lower Upper
152 100
150 155.4 125.1 187.7
115 60.3 49.6 74.4



#2
1,4-Dioxane
Concen: 40.486 ng
RT: 3.375 min Scan# 15
Delta R.T. 0.006 min
Lab File: BM039146.D
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Tgt Ion: 88 Resp: 312599
Ion Ratio Lower Upper
88 100
58 71.6 57.2 85.8
43 26.8 22.0 33.0

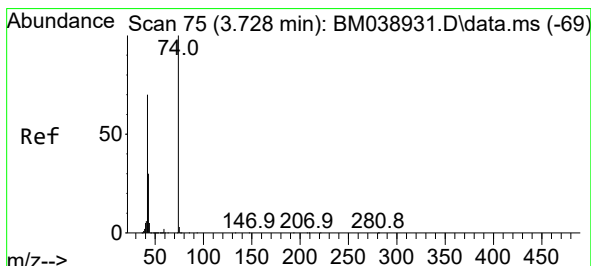
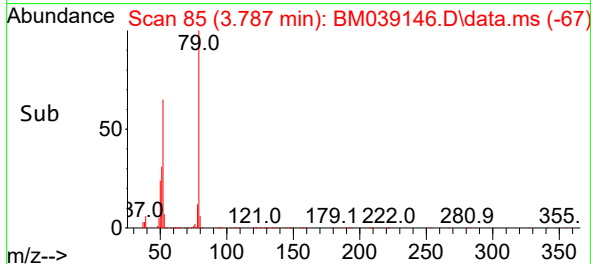
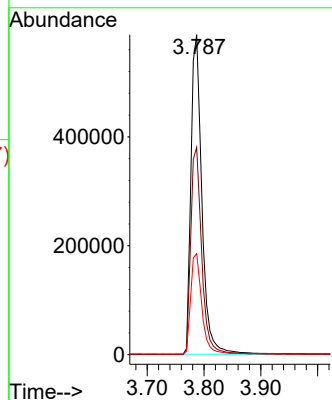
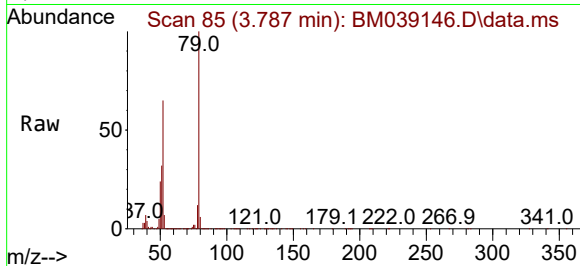




#3
 Pyridine
 Concen: 36.812 ng
 RT: 3.787 min Scan# 81
 Delta R.T. 0.006 min
 Lab File: BM039146.D
 Acq: 24 Mar 2023 17:51

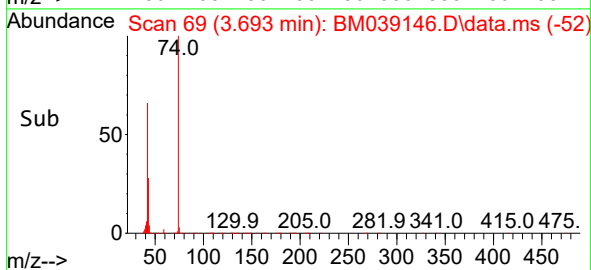
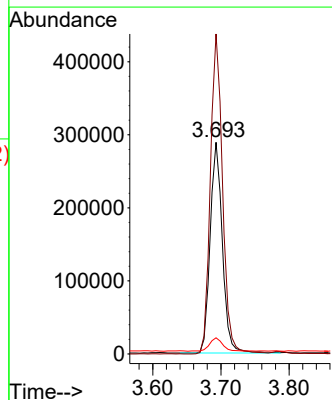
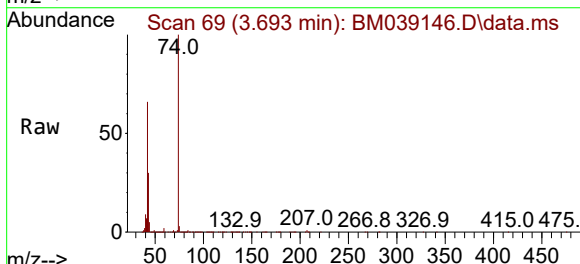
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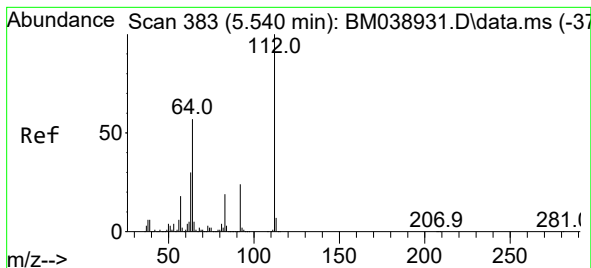
Tgt Ion: 79 Resp: 788272
 Ion Ratio Lower Upper
 79 100
 52 64.8 51.4 77.2
 51 31.6 26.6 40.0



#4
 n-Nitrosodimethylamine
 Concen: 41.270 ng
 RT: 3.693 min Scan# 69
 Delta R.T. 0.000 min
 Lab File: BM039146.D
 Acq: 24 Mar 2023 17:51

Tgt Ion: 42 Resp: 359618
 Ion Ratio Lower Upper
 42 100
 74 151.1 113.8 170.8
 44 7.6 6.2 9.2





#5

2-Fluorophenol

Concen: 70.646 ng

RT: 5.510 min Scan# 31

Delta R.T. 0.006 min

Lab File: BM039146.D

Acq: 24 Mar 2023 17:51

Instrument :

BNA_M

ClientSampleId :

R-PITMSD

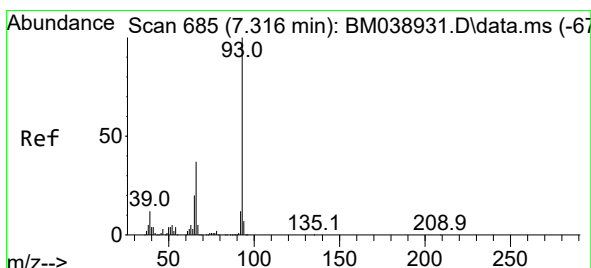
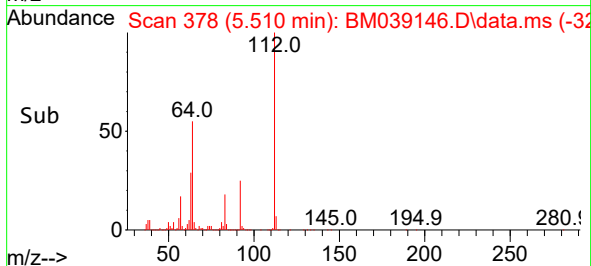
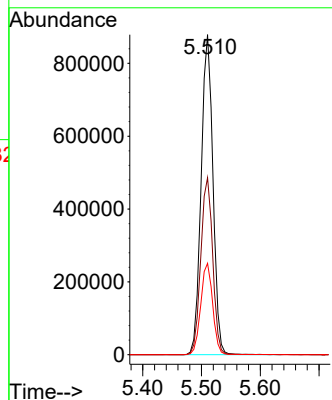
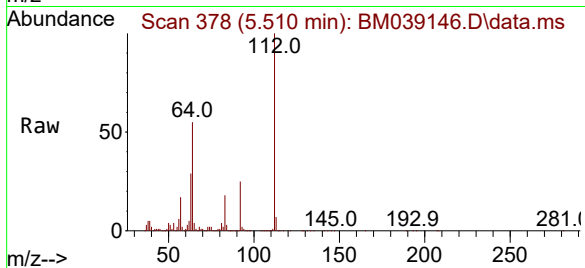
Tgt Ion:112 Resp: 1226088

Ion Ratio Lower Upper

112 100

64 55.3 45.9 68.9

63 28.6 23.8 35.8



#6

Aniline

Concen: 32.867 ng

RT: 7.275 min Scan# 678

Delta R.T. -0.006 min

Lab File: BM039146.D

Acq: 24 Mar 2023 17:51

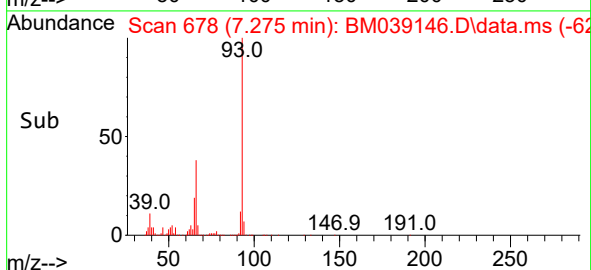
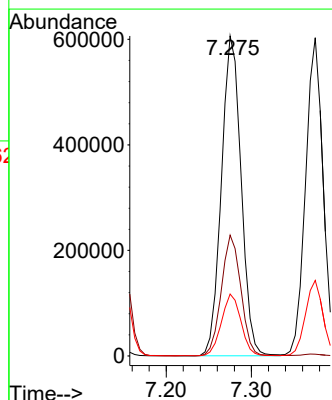
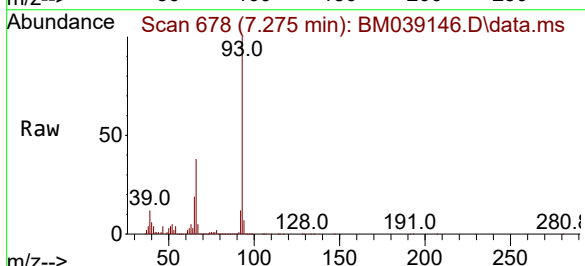
Tgt Ion: 93 Resp: 972846

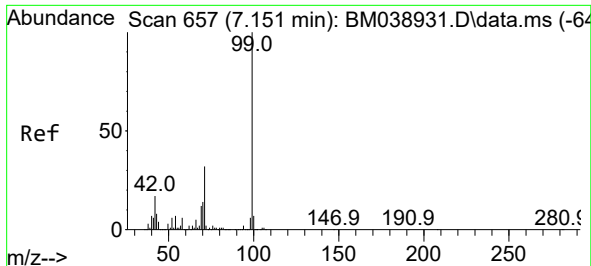
Ion Ratio Lower Upper

93 100

66 37.8 30.0 45.0

65 19.4 15.8 23.6

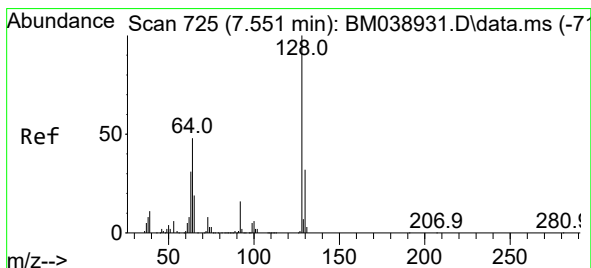
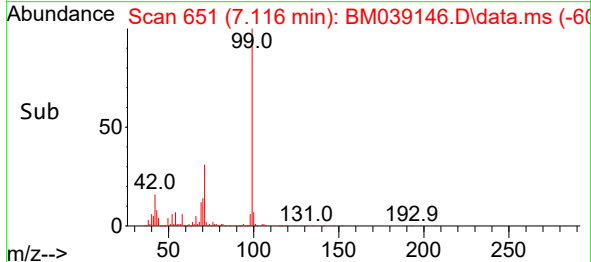
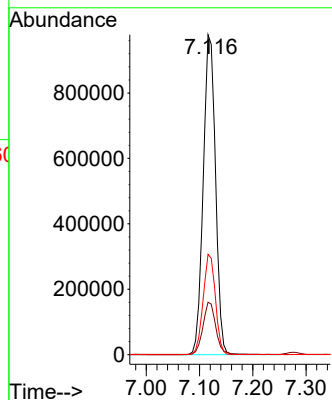
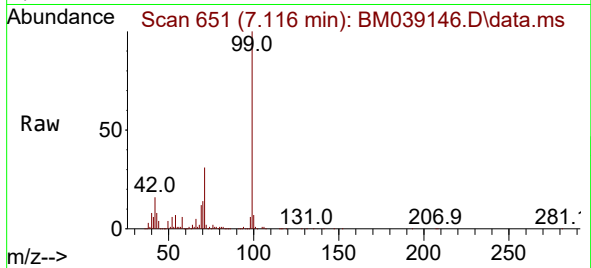




#7
Phenol-d6
Concen: 69.427 ng
RT: 7.116 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM039146.D
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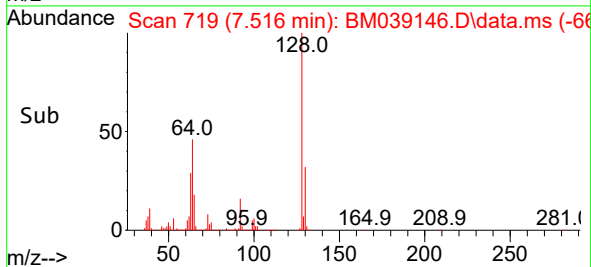
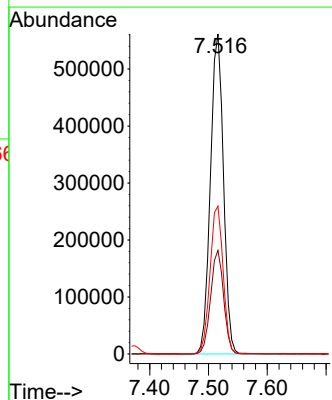
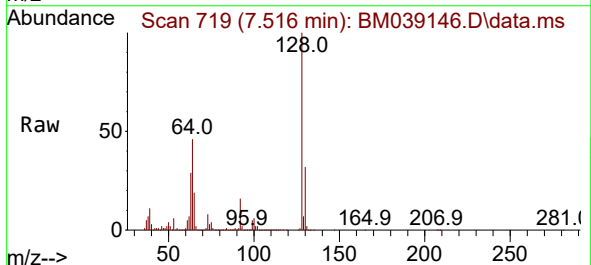
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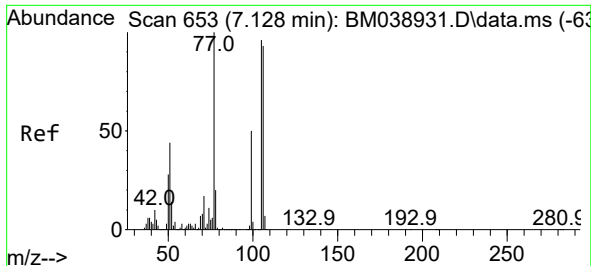
Tgt Ion: 99 Resp: 1565100
Ion Ratio Lower Upper
99 100
42 16.4 13.5 20.3
71 31.4 25.6 38.4



#8
2-Chlorophenol
Concen: 46.796 ng
RT: 7.516 min Scan# 719
Delta R.T. 0.000 min
Lab File: BM039146.D
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Tgt Ion: 128 Resp: 864656
Ion Ratio Lower Upper
128 100
130 32.4 11.9 51.9
64 46.2 28.6 68.6

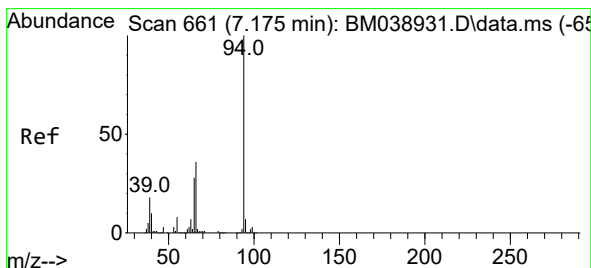
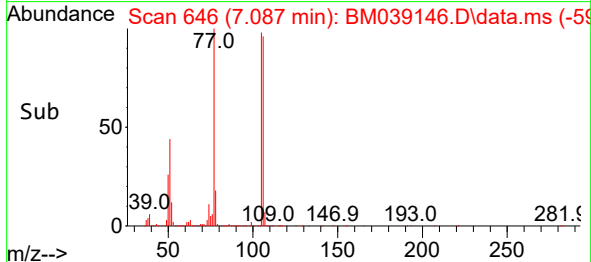
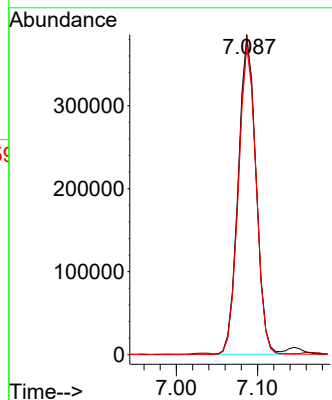
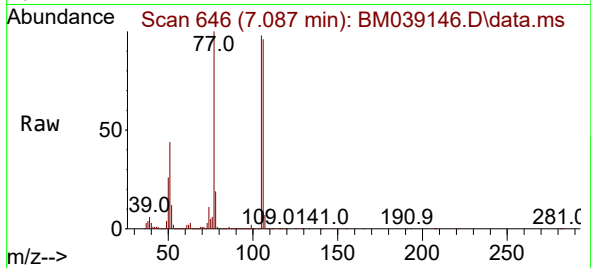




#9
Benzaldehyde
Concen: 54.355 ng
RT: 7.087 min Scan# 64
Delta R.T. 0.000 min
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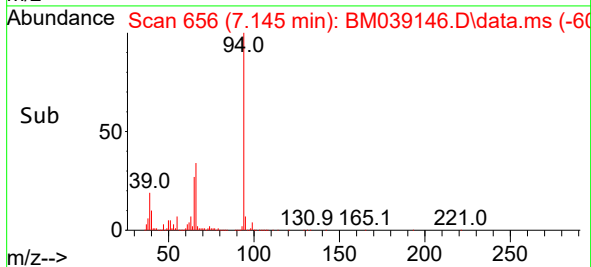
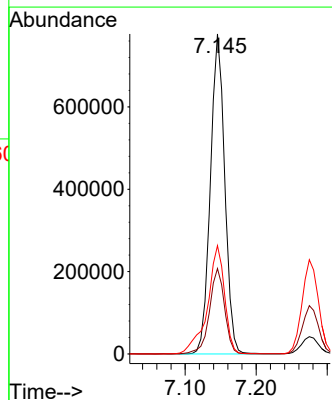
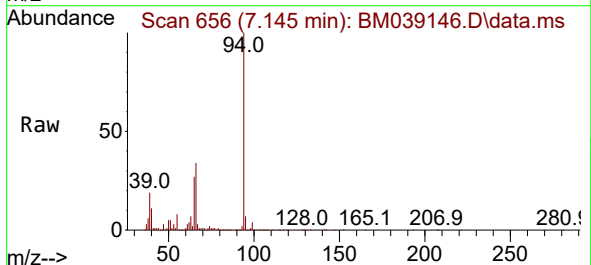
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Tgt Ion: 77 Resp: 583090
Ion Ratio Lower Upper
77 100
105 97.9 75.8 115.8
106 96.1 72.6 112.6



#10
Phenol
Concen: 45.699 ng
RT: 7.145 min Scan# 656
Delta R.T. 0.000 min
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Tgt Ion: 94 Resp: 1094006
Ion Ratio Lower Upper
94 100
65 26.7 7.9 47.9
66 33.8 15.8 55.8

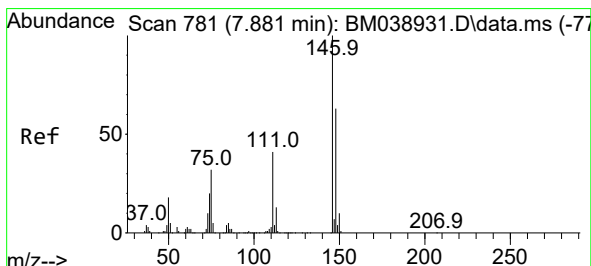
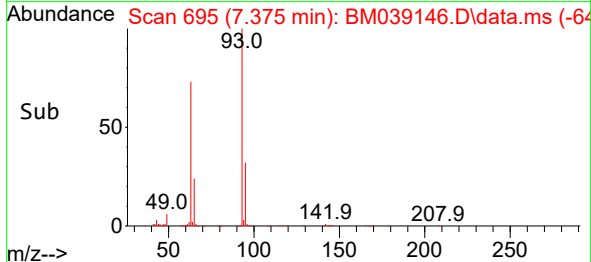
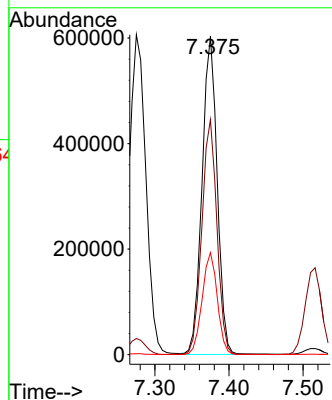
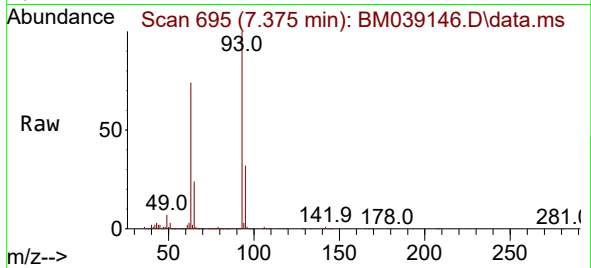




#11
bis(2-Chloroethyl)ether
Concen: 44.116 ng
RT: 7.375 min Scan# 695
Delta R.T. 0.000 min
Lab File: BM039146.D
Acq: 24 Mar 2023 17:51

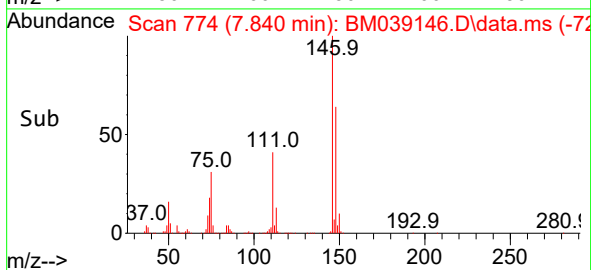
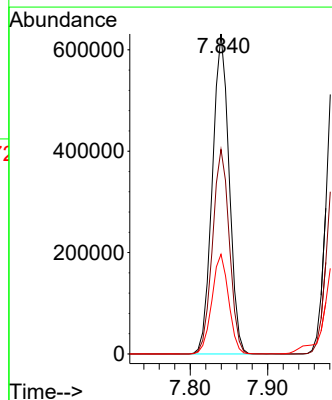
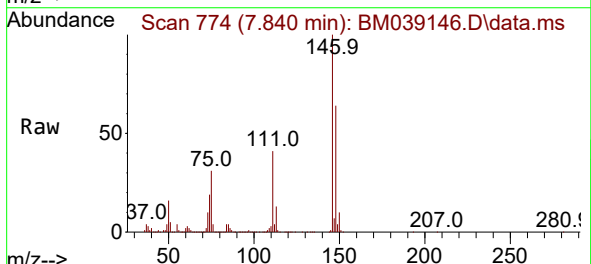
Instrument :
BNA_M
ClientSampleId :
R-PITMSD

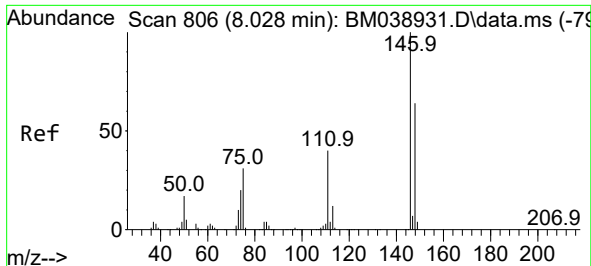
Tgt Ion: 93 Resp: 858640
Ion Ratio Lower Upper
93 100
63 73.8 55.8 95.8
95 32.1 12.2 52.2



#12
1,3-Dichlorobenzene
Concen: 48.274 ng
RT: 7.840 min Scan# 774
Delta R.T. 0.000 min
Lab File: BM039146.D
Acq: 24 Mar 2023 17:51

Tgt Ion:146 Resp: 947903
Ion Ratio Lower Upper
146 100
148 63.9 50.6 75.8
75 31.1 26.0 39.0

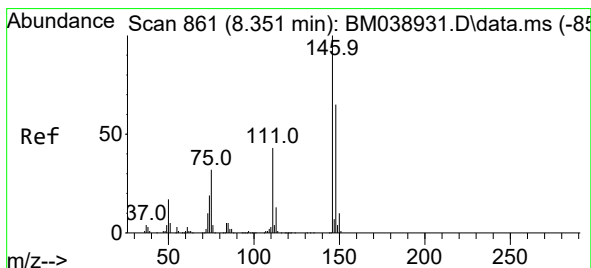
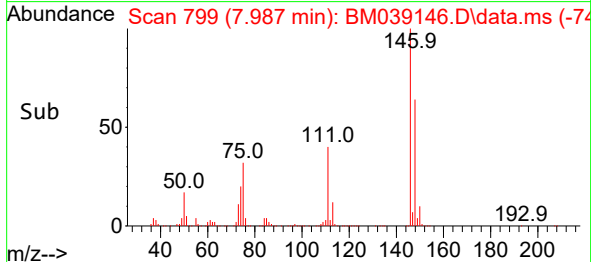
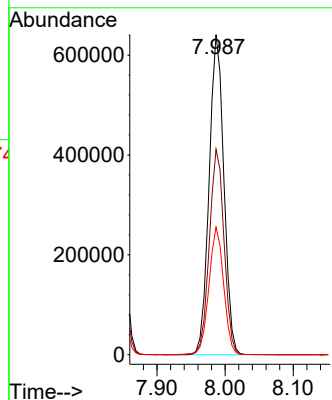
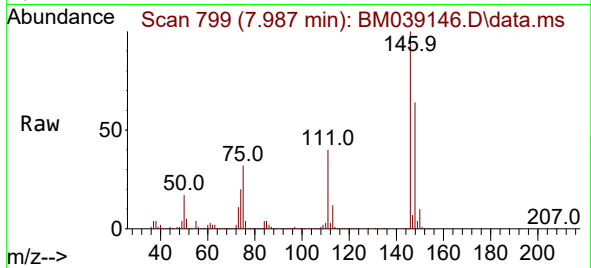




#13
1,4-Dichlorobenzene
Concen: 48.241 ng
RT: 7.987 min Scan# 79
Delta R.T. 0.000 min
Lab File: BM039146.D
Acq: 24 Mar 2023 17:51

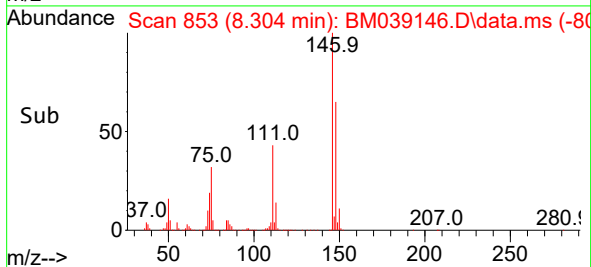
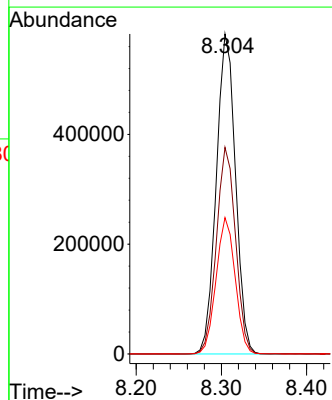
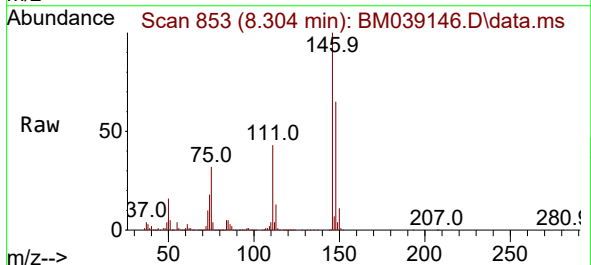
Instrument :
BNA_M
ClientSampleId :
R-PITMSD

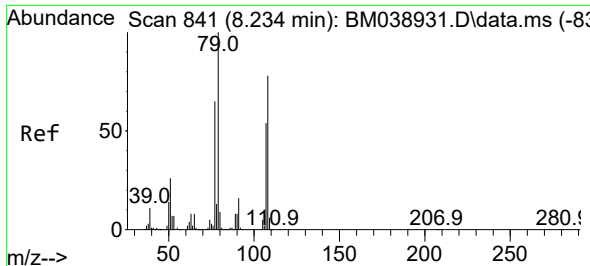
Tgt Ion:146 Resp: 963395
Ion Ratio Lower Upper
146 100
148 64.2 51.0 76.4
111 39.8 32.2 48.4



#14
1,2-Dichlorobenzene
Concen: 47.527 ng
RT: 8.304 min Scan# 853
Delta R.T. -0.006 min
Lab File: BM039146.D
Acq: 24 Mar 2023 17:51

Tgt Ion:146 Resp: 914264
Ion Ratio Lower Upper
146 100
148 64.6 51.7 77.5
111 42.6 34.2 51.4

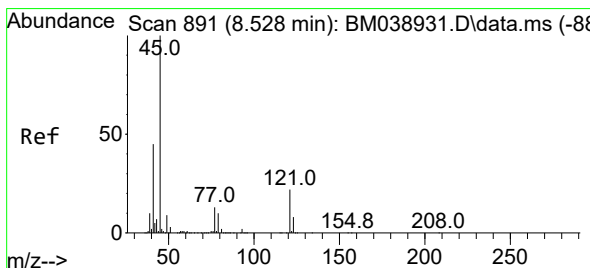
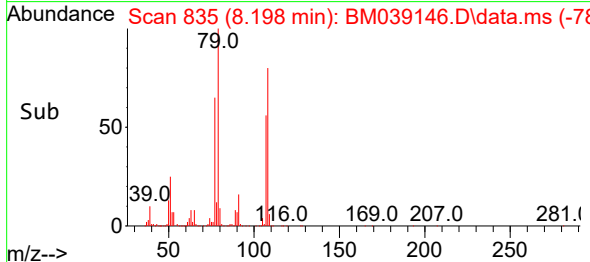
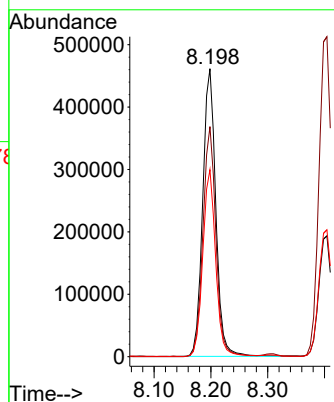
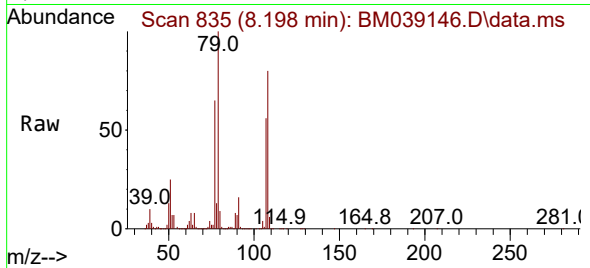




#15
Benzyl Alcohol
Concen: 45.640 ng
RT: 8.198 min Scan# 81
Delta R.T. 0.000 min
Lab File: BM039146.D
Acq: 24 Mar 2023 17:51

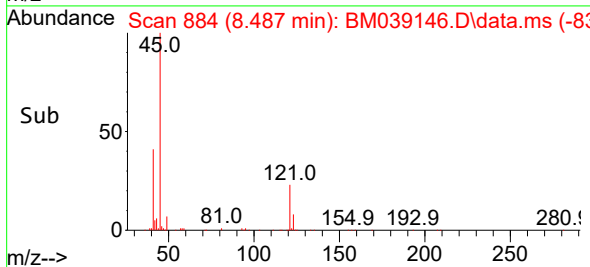
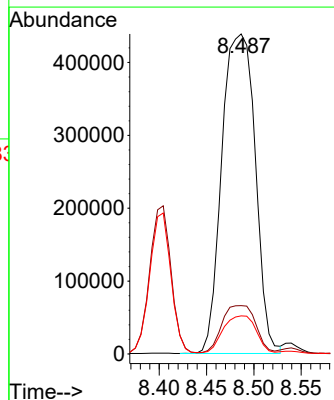
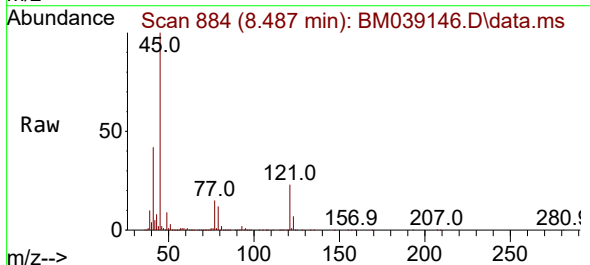
Instrument :
BNA_M
ClientSampleId :
R-PITMSD

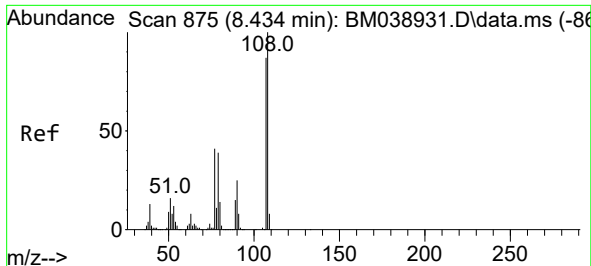
Tgt Ion: 79 Resp: 737439
Ion Ratio Lower Upper
79 100
108 79.9 62.4 93.6
77 65.0 52.2 78.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.752 ng
RT: 8.487 min Scan# 884
Delta R.T. -0.006 min
Lab File: BM039146.D
Acq: 24 Mar 2023 17:51

Tgt Ion: 45 Resp: 1075481
Ion Ratio Lower Upper
45 100
77 15.1 0.0 34.8
79 11.9 0.0 31.5



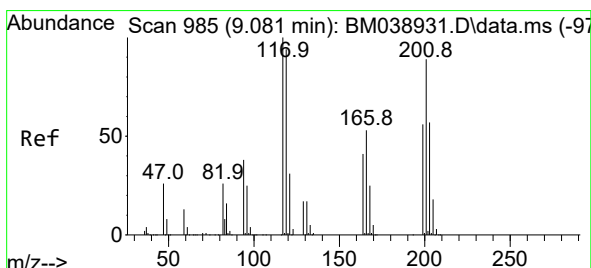
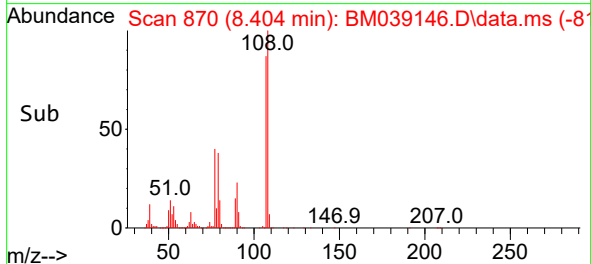
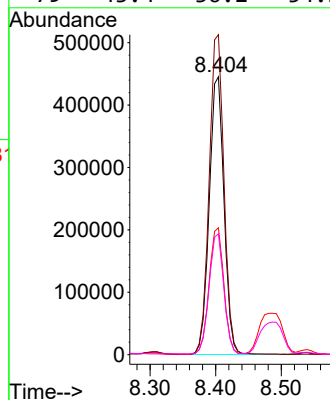
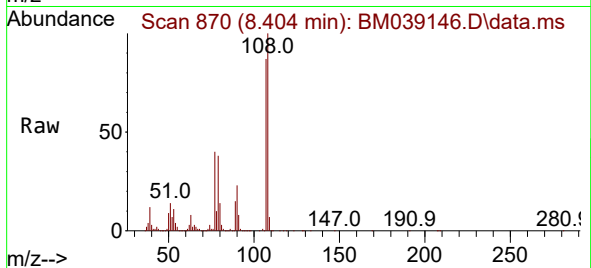


#17
2-Methylphenol
Concen: 42.444 ng
RT: 8.404 min Scan# 81
Delta R.T. 0.000 min
Lab File: BM039146.D
Acq: 24 Mar 2023 17:51

Instrument :
BNA_M
ClientSampleId :
R-PITMSD

Tgt Ion:107 Resp: 697983

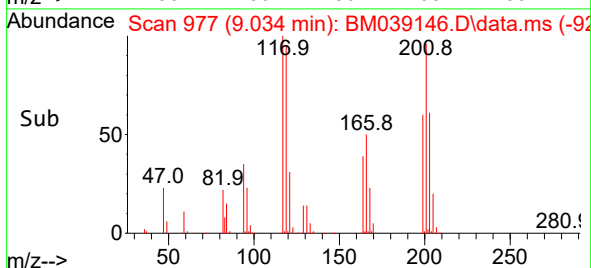
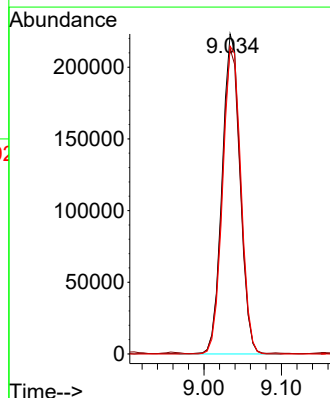
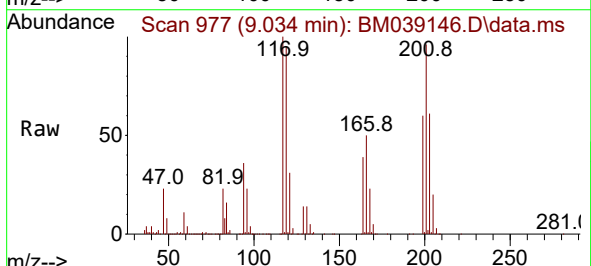
Ion	Ratio	Lower	Upper
107	100		
108	115.1	91.7	137.5
77	45.6	37.4	56.2
79	43.4	36.2	54.2

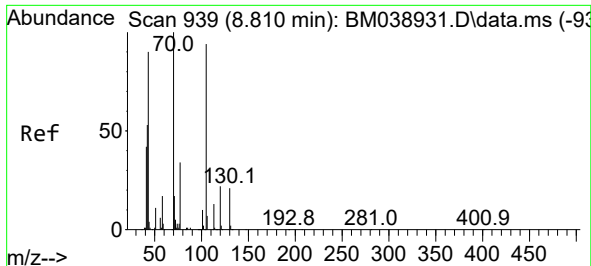


#18
Hexachloroethane
Concen: 49.313 ng
RT: 9.034 min Scan# 977
Delta R.T. -0.006 min
Lab File: BM039146.D
Acq: 24 Mar 2023 17:51

Tgt Ion:117 Resp: 363347

Ion	Ratio	Lower	Upper
117	100		
119	95.4	75.4	113.0
201	96.2	71.3	106.9





#19

n-Nitroso-di-n-propylamine

Concen: 43.836 ng

RT: 8.769 min Scan# 91

Delta R.T. 0.000 min

Lab File: BM039146.D

Acq: 24 Mar 2023 17:51

Instrument :

BNA_M

ClientSampleId :

R-PITMSD

Tgt Ion: 70 Resp: 622429

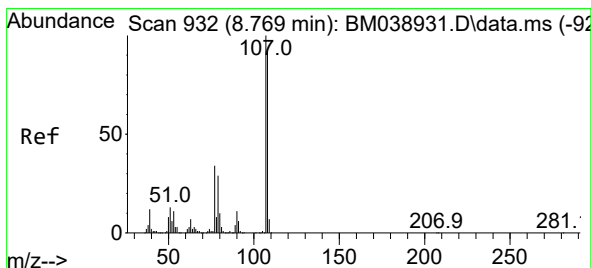
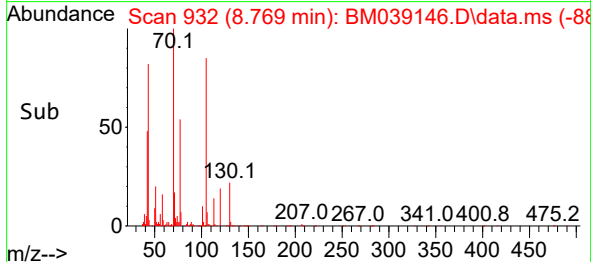
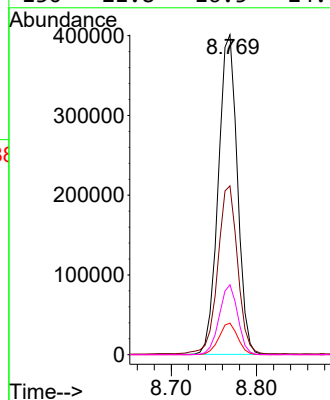
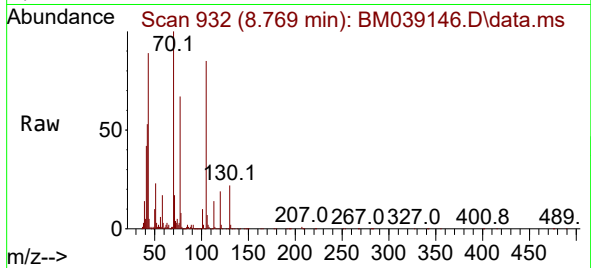
Ion Ratio Lower Upper

70 100

42 52.8 43.4 65.2

101 9.8 7.6 11.4

130 21.8 16.5 24.7



#20

3+4-Methylphenols

Concen: 42.266 ng

RT: 8.734 min Scan# 926

Delta R.T. 0.000 min

Lab File: BM039146.D

Acq: 24 Mar 2023 17:51

Tgt Ion: 107 Resp: 928065

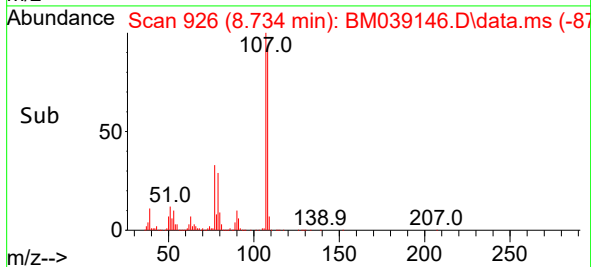
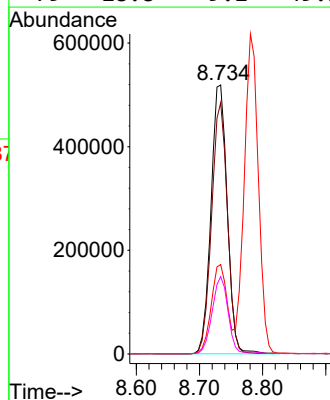
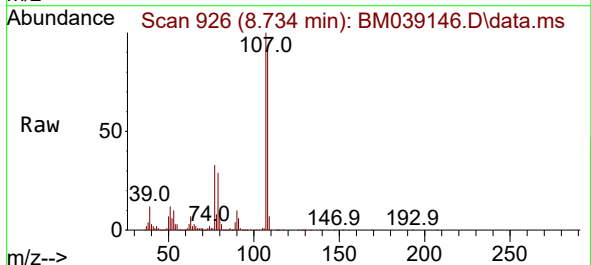
Ion Ratio Lower Upper

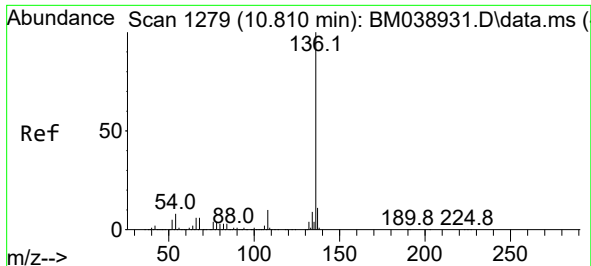
107 100

108 93.4 71.8 111.8

77 33.3 13.6 53.6

79 28.8 9.2 49.2

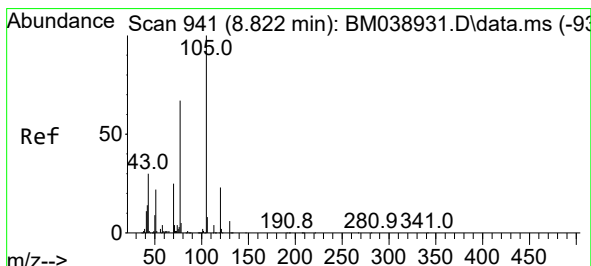
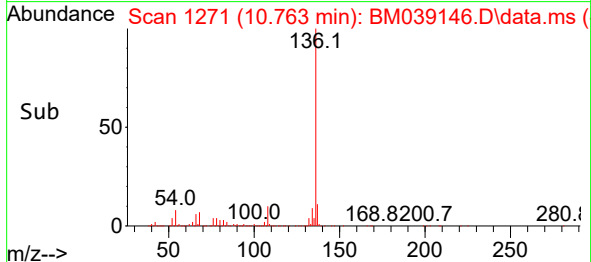
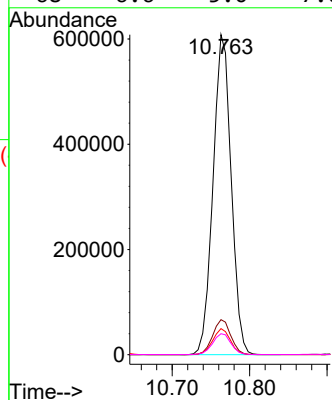
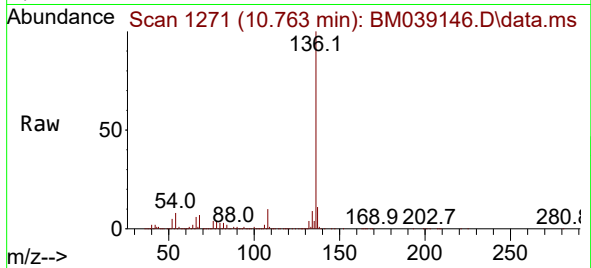




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.763 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM039146.D
Acq: 24 Mar 2023 17:51

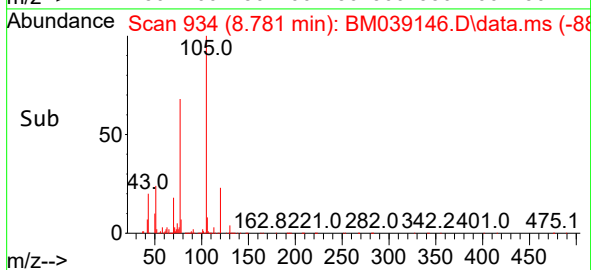
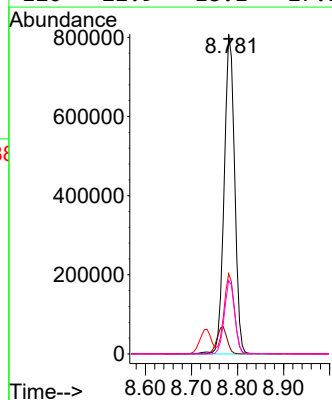
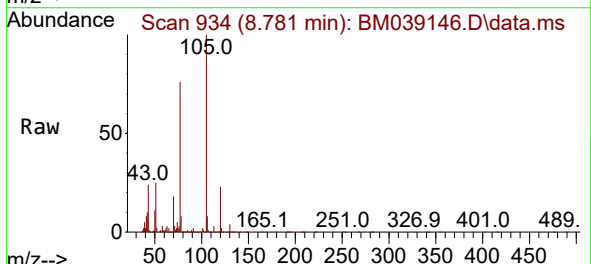
Instrument :
BNA_M
ClientSampleId :
R-PITMSD

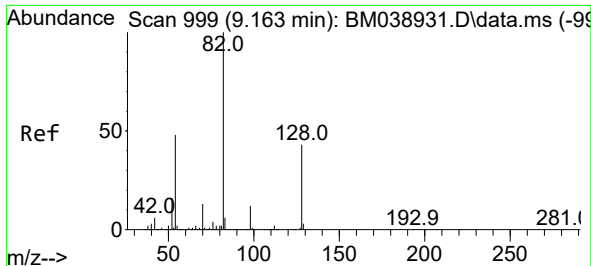
Tgt Ion:136 Resp: 991761
Ion Ratio Lower Upper
136 100
137 10.9 8.7 13.1
54 8.2 6.3 9.5
68 6.6 5.0 7.6



#22
Acetophenone
Concen: 45.635 ng
RT: 8.781 min Scan# 934
Delta R.T. -0.006 min
Lab File: BM039146.D
Acq: 24 Mar 2023 17:51

Tgt Ion:105 Resp: 1269798
Ion Ratio Lower Upper
105 100
71 3.0 3.4 5.0#
51 25.1 21.0 31.4
120 22.9 18.1 27.1

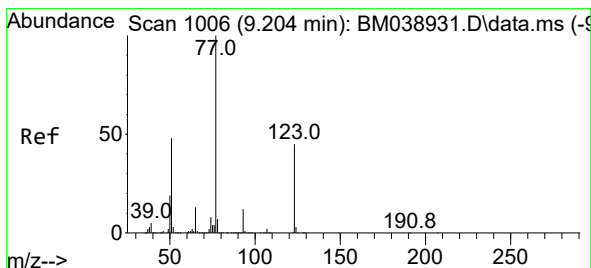
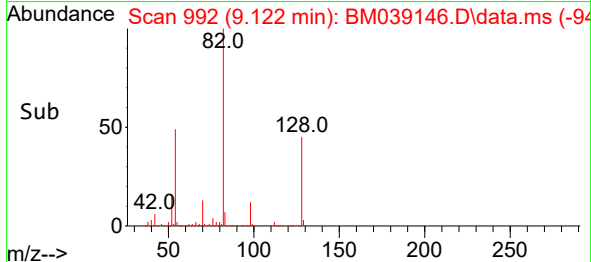
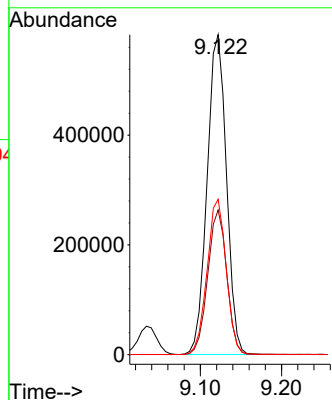
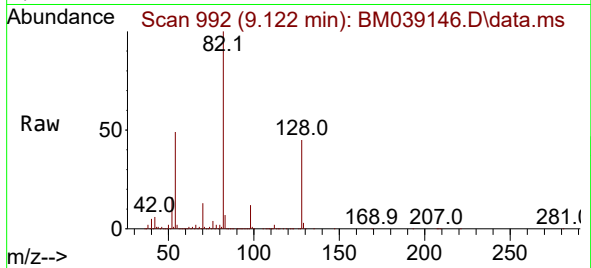




#23
Nitrobenzene-d5
Concen: 47.658 ng
RT: 9.122 min Scan# 999
Delta R.T. 0.000 min
Lab File: BM039146.D
Acq: 24 Mar 2023 17:51

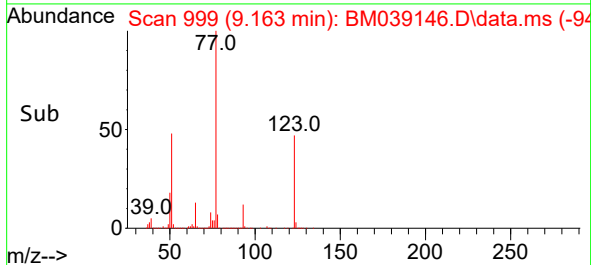
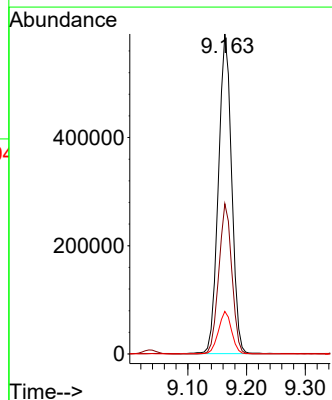
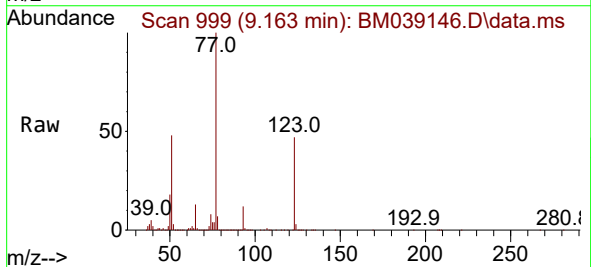
Instrument :
BNA_M
ClientSampleId :
R-PITMSD

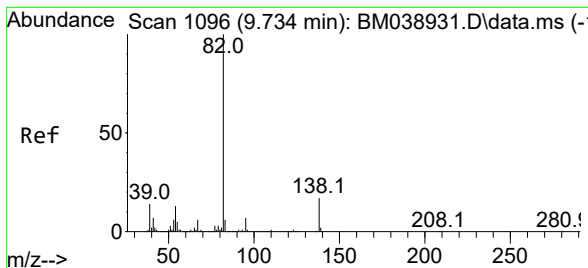
Tgt Ion: 82 Resp: 962227
Ion Ratio Lower Upper
82 100
128 45.2 34.4 51.6
54 48.6 38.8 58.2



#24
Nitrobenzene
Concen: 43.568 ng
RT: 9.163 min Scan# 999
Delta R.T. -0.006 min
Lab File: BM039146.D
Acq: 24 Mar 2023 17:51

Tgt Ion: 77 Resp: 924573
Ion Ratio Lower Upper
77 100
123 47.0 35.8 53.6
65 13.3 10.2 15.4





#25

Isophorone

Concen: 44.504 ng

RT: 9.692 min Scan# 1108

Delta R.T. -0.006 min

Lab File: BM039146.D

Acq: 24 Mar 2023 17:51

Instrument :

BNA_M

ClientSampleId :

R-PITMSD

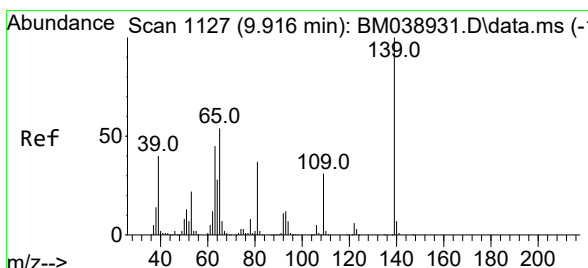
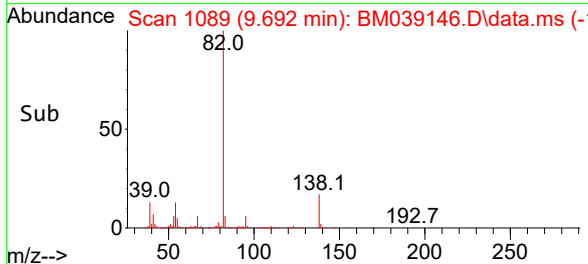
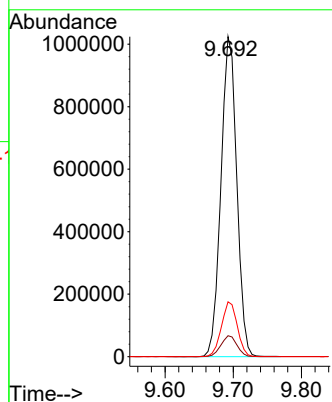
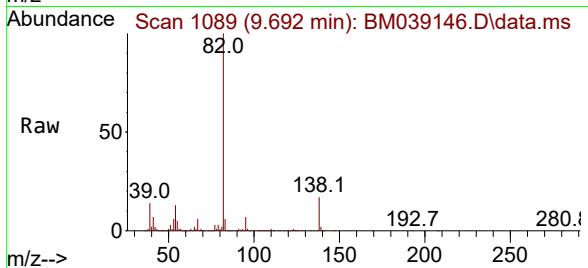
Tgt Ion: 82 Resp: 1653506

Ion Ratio Lower Upper

82 100

95 6.5 5.2 7.8

138 17.2 13.6 20.4



#26

2-Nitrophenol

Concen: 48.122 ng

RT: 9.875 min Scan# 1120

Delta R.T. -0.006 min

Lab File: BM039146.D

Acq: 24 Mar 2023 17:51

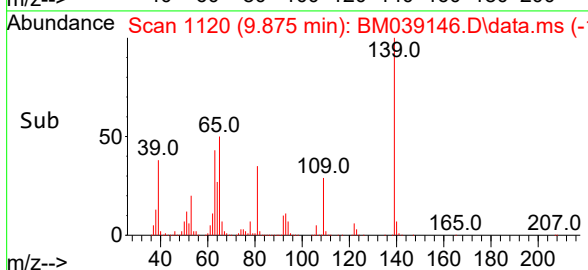
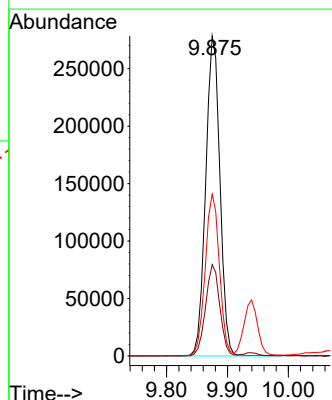
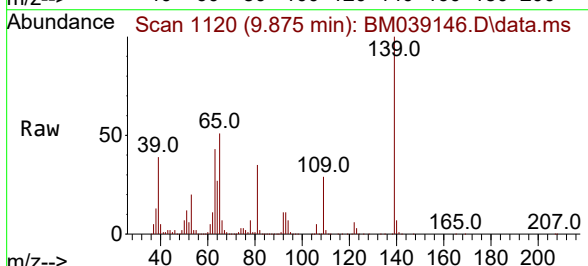
Tgt Ion: 139 Resp: 450988

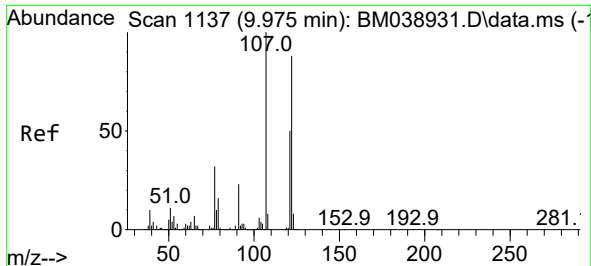
Ion Ratio Lower Upper

139 100

109 28.6 24.5 36.7

65 50.6 43.0 64.6





#27

2,4-Dimethylphenol

Concen: 46.599 ng

RT: 9.939 min Scan# 1131

Delta R.T. 0.000 min

Lab File: BM039146.D

Acq: 24 Mar 2023 17:51

Instrument :

BNA_M

ClientSampleId :

R-PITMSD

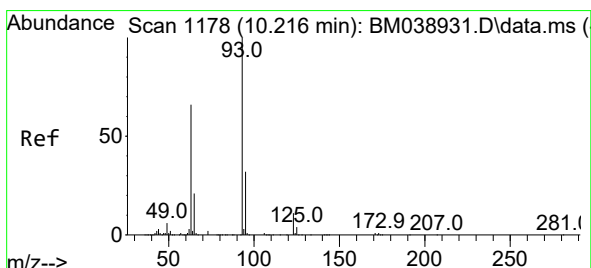
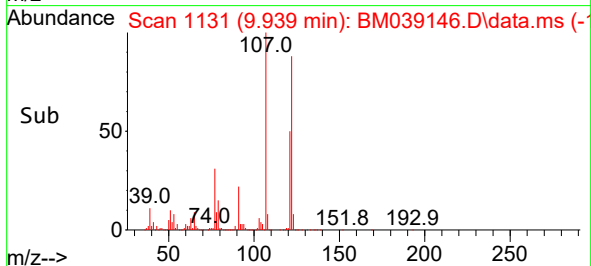
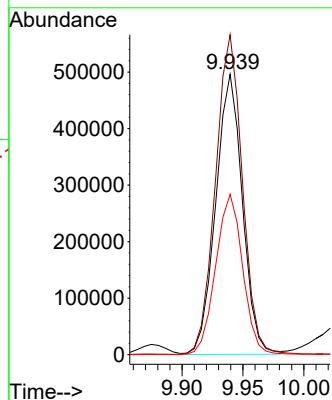
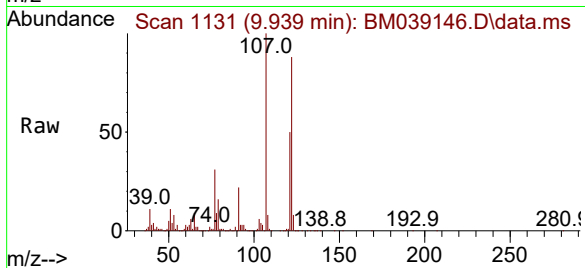
Tgt Ion:122 Resp: 754386

Ion Ratio Lower Upper

122 100

107 114.1 91.0 136.4

121 57.2 45.1 67.7



#28

bis(2-Chloroethoxy)methane

Concen: 43.576 ng

RT: 10.175 min Scan# 1171

Delta R.T. 0.000 min

Lab File: BM039146.D

Acq: 24 Mar 2023 17:51

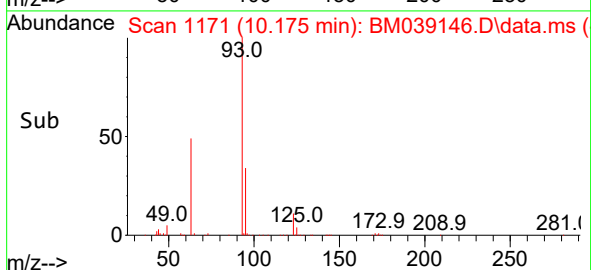
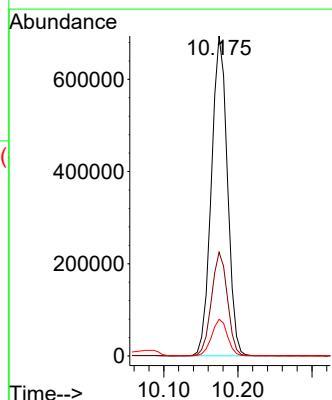
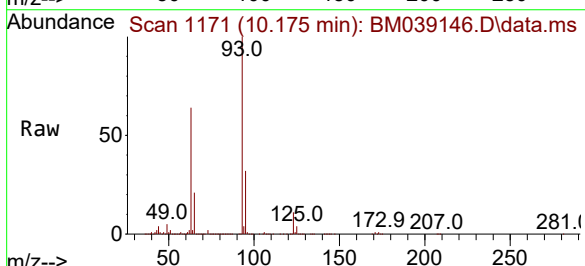
Tgt Ion: 93 Resp: 1040285

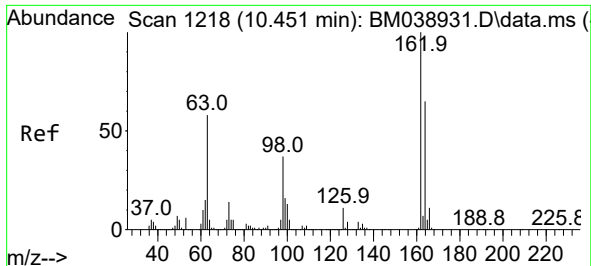
Ion Ratio Lower Upper

93 100

95 32.4 25.9 38.9

123 11.4 8.8 13.2





#29

2,4-Dichlorophenol

Concen: 47.053 ng

RT: 10.416 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM039146.D

Acq: 24 Mar 2023 17:51

Instrument :

BNA_M

ClientSampleId :

R-PITMSD

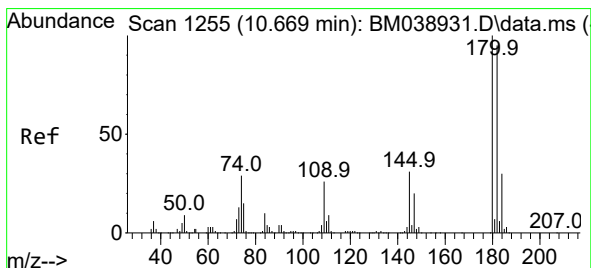
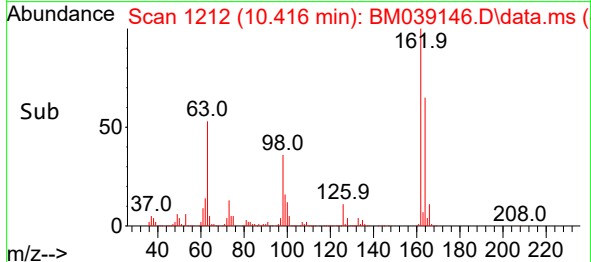
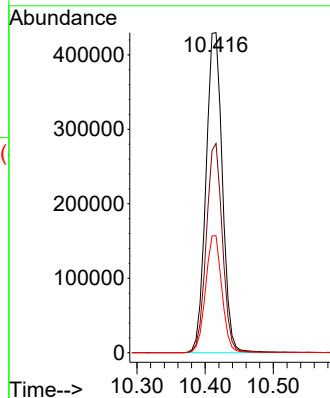
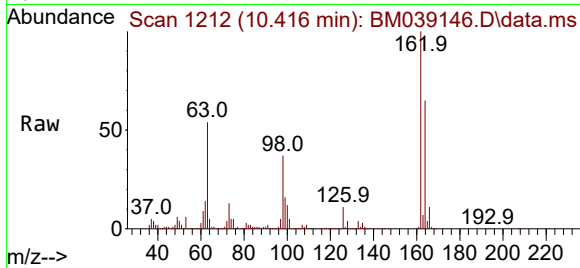
Tgt Ion:162 Resp: 722191

Ion Ratio Lower Upper

162 100

164 65.3 44.6 84.6

98 36.5 17.5 57.5



#30

1,2,4-Trichlorobenzene

Concen: 47.199 ng

RT: 10.628 min Scan# 1248

Delta R.T. 0.000 min

Lab File: BM039146.D

Acq: 24 Mar 2023 17:51

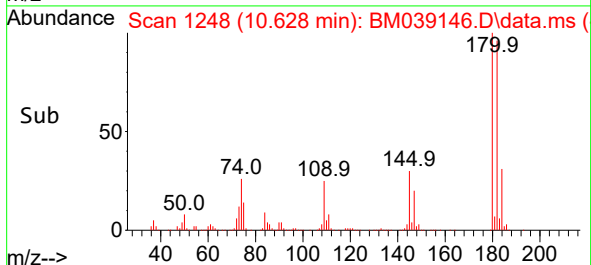
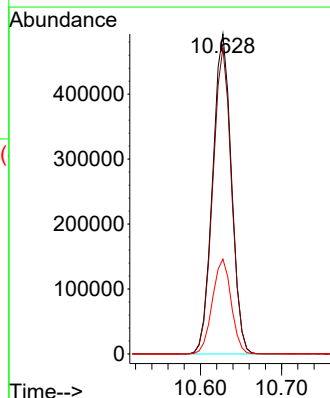
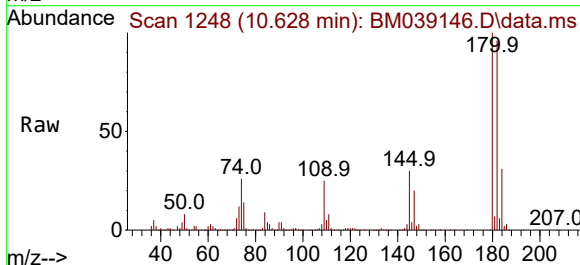
Tgt Ion:180 Resp: 791633

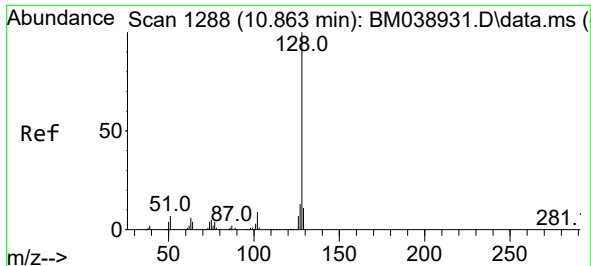
Ion Ratio Lower Upper

180 100

182 95.7 76.3 114.5

145 29.6 25.0 37.4

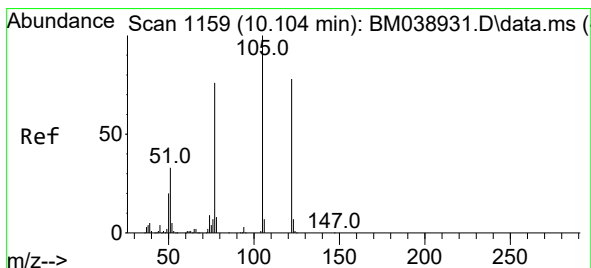
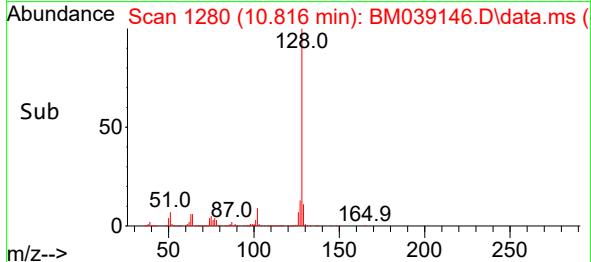
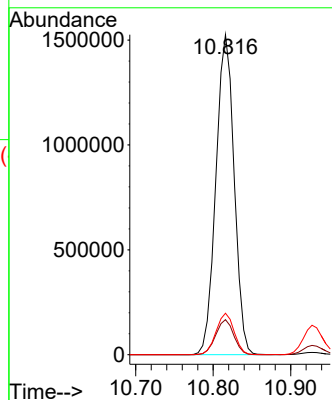
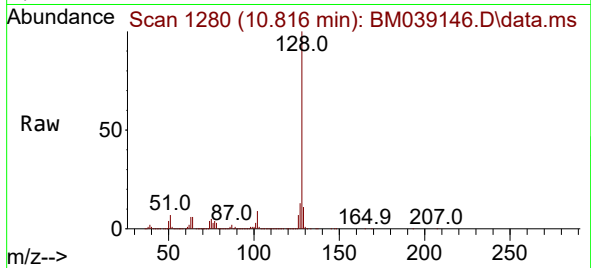




#31
Naphthalene
Concen: 44.070 ng
RT: 10.816 min Scan# 1156
Delta R.T. 0.000 min
Lab File: BM039146.D
Acq: 24 Mar 2023 17:51

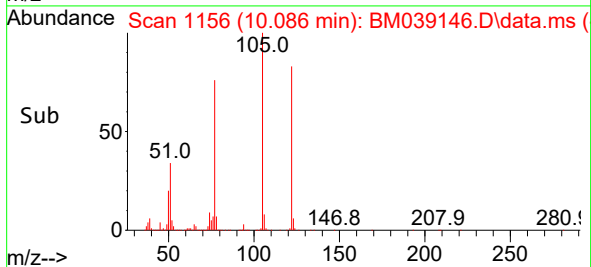
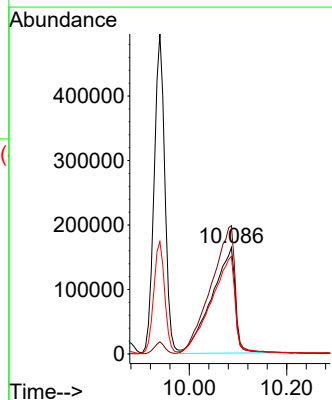
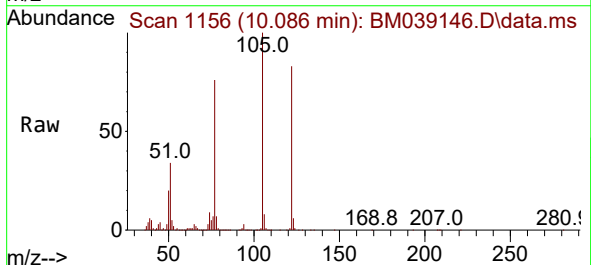
Instrument :
BNA_M
ClientSampleId :
R-PITMSD

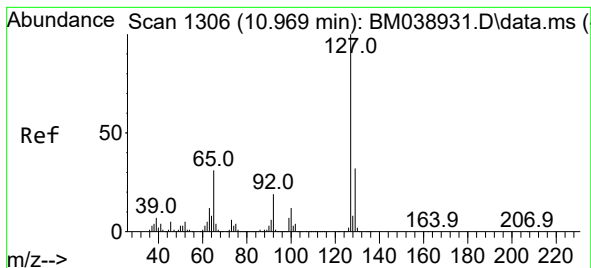
Tgt Ion:128 Resp: 2492274
Ion Ratio Lower Upper
128 100
129 11.0 8.6 13.0
127 12.9 10.2 15.4



#32
Benzoic acid
Concen: 46.315 ng
RT: 10.086 min Scan# 1156
Delta R.T. -0.006 min
Lab File: BM039146.D
Acq: 24 Mar 2023 17:51

Tgt Ion:122 Resp: 547408
Ion Ratio Lower Upper
122 100
105 120.7 104.2 144.2
77 91.7 75.1 115.1

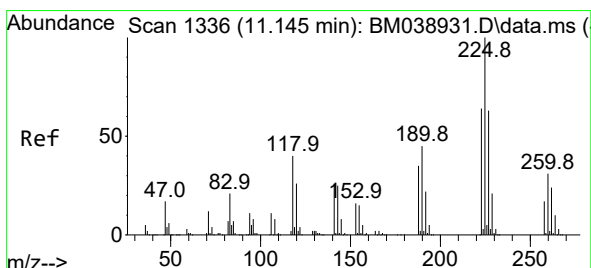
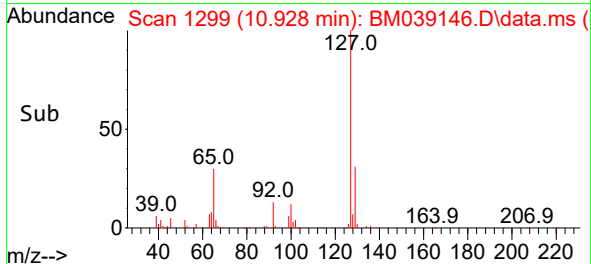
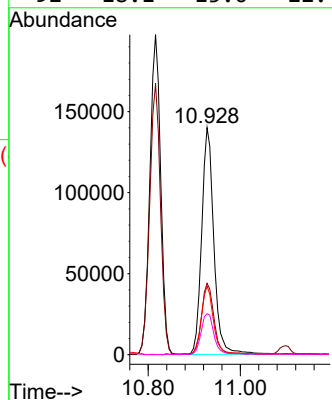
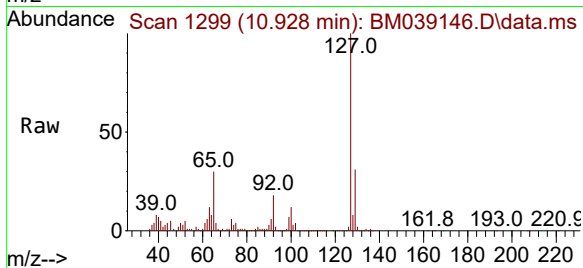




#33
4-Chloroaniline
Concen: 10.728 ng
RT: 10.928 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM039146.D
Acq: 24 Mar 2023 17:51

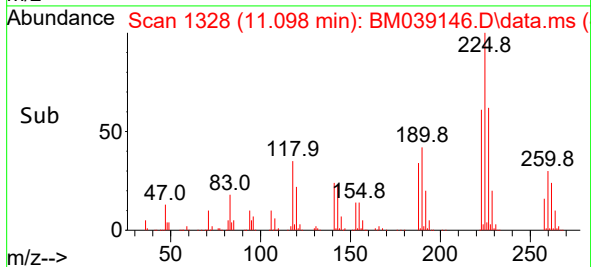
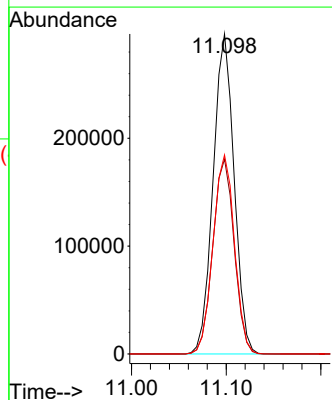
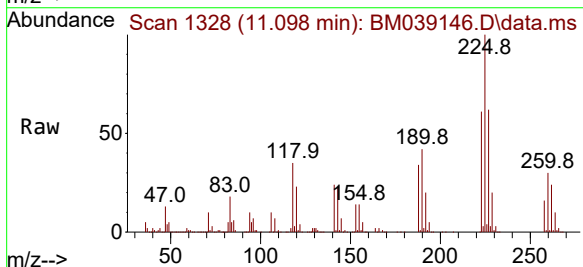
Instrument :
BNA_M
ClientSampleId :
R-PITMSD

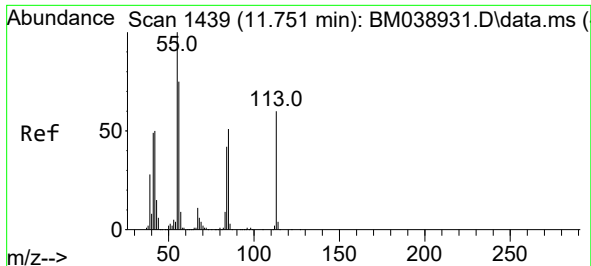
Tgt Ion:	127	Resp:	258557
Ion	Ratio	Lower	Upper
127	100		
129	31.4	25.4	38.2
65	30.3	24.4	36.6
92	18.1	15.0	22.4



#34
Hexachlorobutadiene
Concen: 47.432 ng
RT: 11.098 min Scan# 1328
Delta R.T. 0.000 min
Lab File: BM039146.D
Acq: 24 Mar 2023 17:51

Tgt Ion:	225	Resp:	456213
Ion	Ratio	Lower	Upper
225	100		
223	60.9	51.3	76.9
227	62.2	50.6	76.0

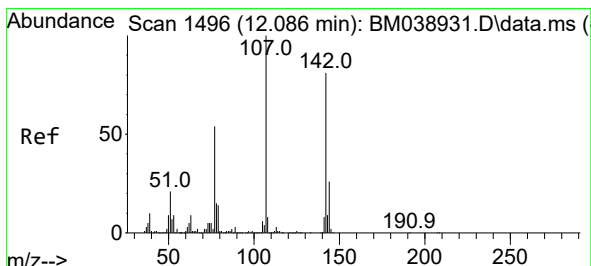
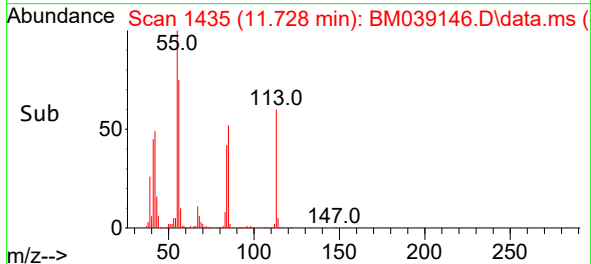
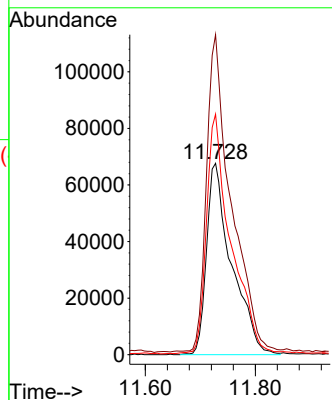
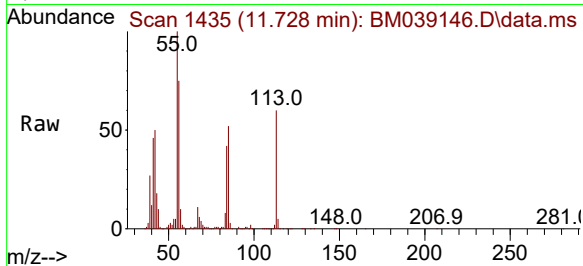




#35
 Caprolactam
 Concen: 45.841 ng
 RT: 11.728 min Scan# 1435
 Delta R.T. -0.012 min
 Lab File: BM039146.D
 Acq: 24 Mar 2023 17:51

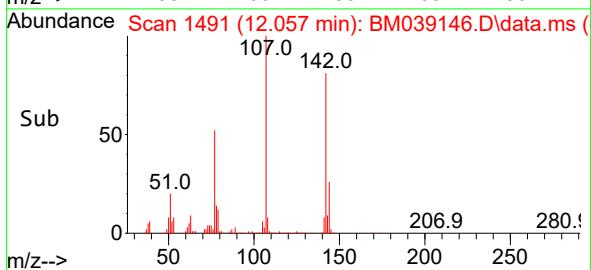
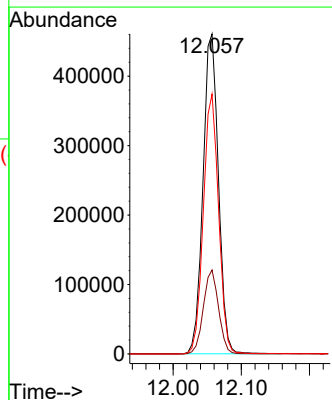
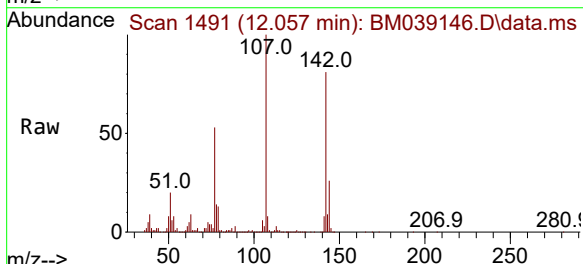
Instrument :
 BNA_M
 ClientSampleId :
 R-PITMSD

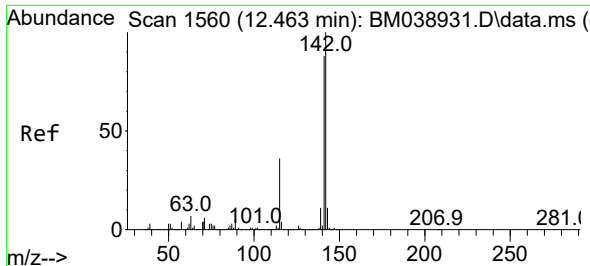
Tgt Ion:113 Resp: 214139
 Ion Ratio Lower Upper
 113 100
 55 167.2 147.0 187.0
 56 125.7 105.1 145.1



#36
 4-Chloro-3-methylphenol
 Concen: 44.338 ng
 RT: 12.057 min Scan# 1491
 Delta R.T. 0.000 min
 Lab File: BM039146.D
 Acq: 24 Mar 2023 17:51

Tgt Ion:107 Resp: 724653
 Ion Ratio Lower Upper
 107 100
 144 26.3 20.7 31.1
 142 81.2 64.6 97.0

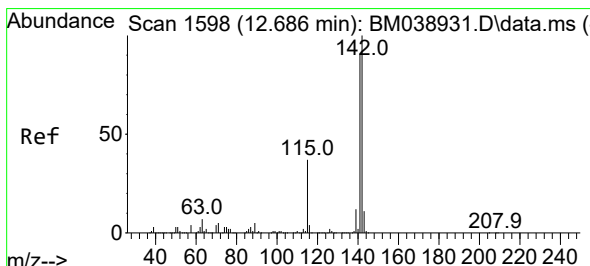
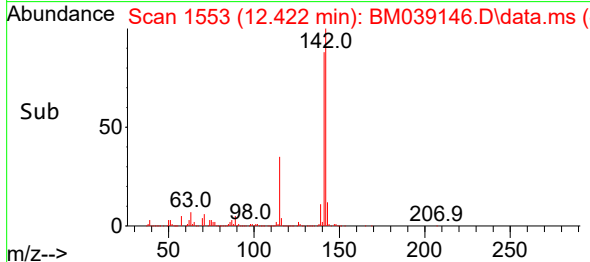
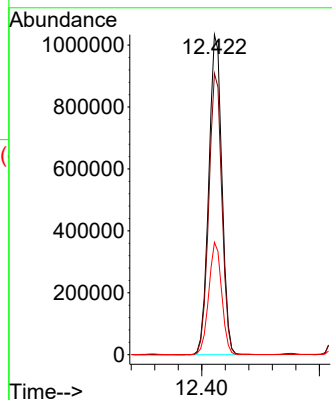
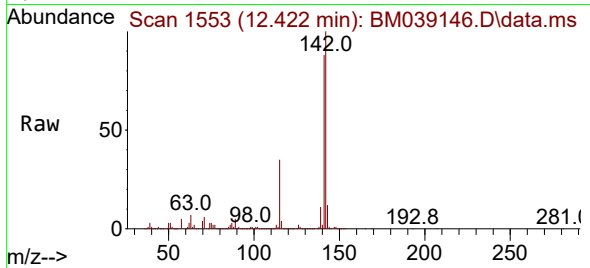




#37
2-Methylnaphthalene
Concen: 42.367 ng
RT: 12.422 min Scan# 1553
Delta R.T. -0.006 min
Lab File: BM039146.D
Acq: 24 Mar 2023 17:51

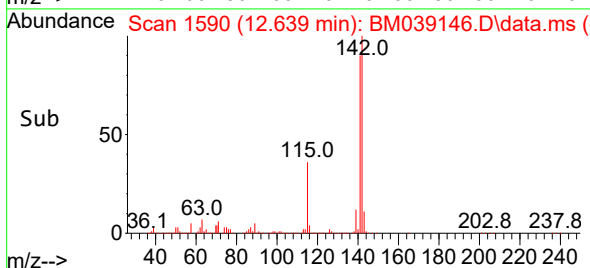
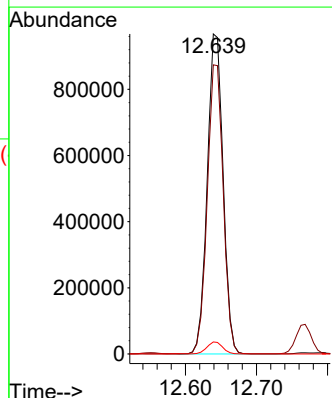
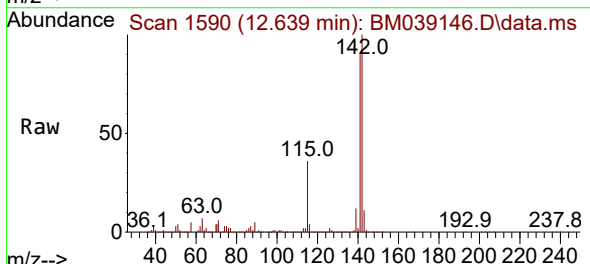
Instrument :
BNA_M
ClientSampleId :
R-PITMSD

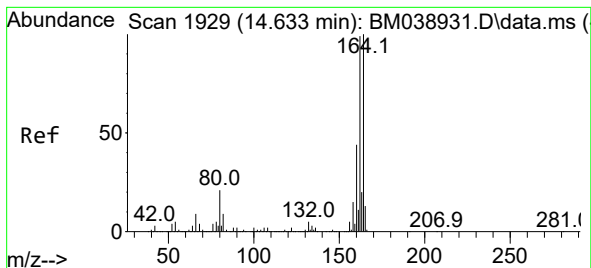
Tgt Ion:142 Resp: 1605887
Ion Ratio Lower Upper
142 100
141 87.9 70.6 106.0
115 35.1 28.5 42.7



#38
1-Methylnaphthalene
Concen: 42.241 ng
RT: 12.639 min Scan# 1590
Delta R.T. -0.006 min
Lab File: BM039146.D
Acq: 24 Mar 2023 17:51

Tgt Ion:142 Resp: 1500433
Ion Ratio Lower Upper
142 100
141 90.4 72.8 109.2
116 3.7 3.0 4.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.592 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM039146.D

Acq: 24 Mar 2023 17:51

Instrument :

BNA_M

ClientSampleId :

R-PITMSD

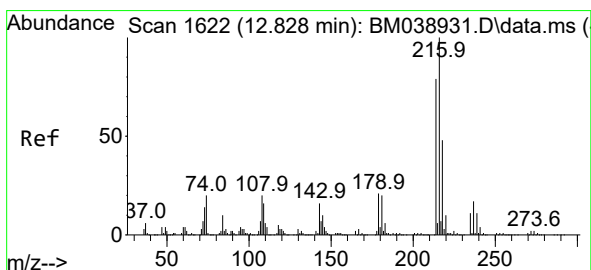
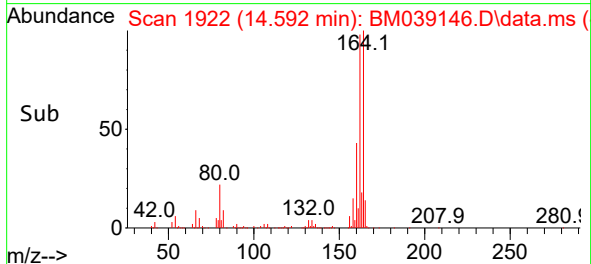
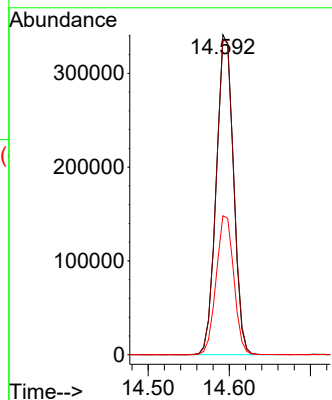
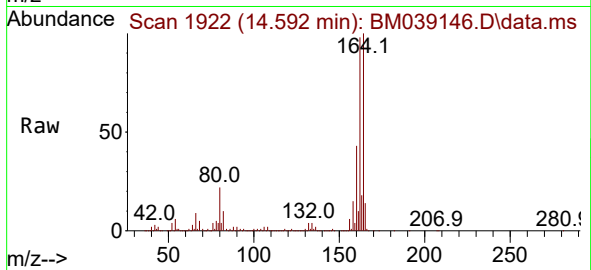
Tgt Ion:164 Resp: 502155

Ion Ratio Lower Upper

164 100

162 98.5 79.2 118.8

160 43.4 35.5 53.3



#40

1,2,4,5-Tetrachlorobenzene

Concen: 48.854 ng

RT: 12.792 min Scan# 1616

Delta R.T. 0.000 min

Lab File: BM039146.D

Acq: 24 Mar 2023 17:51

Tgt Ion:216 Resp: 797535

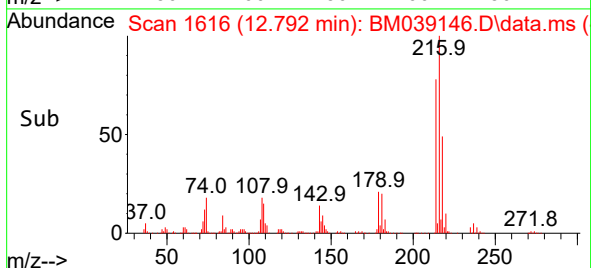
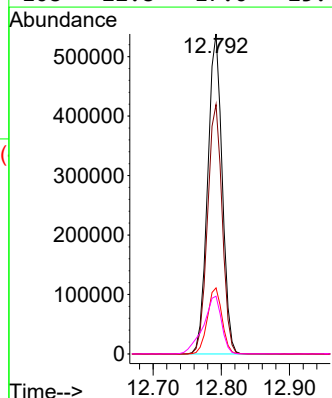
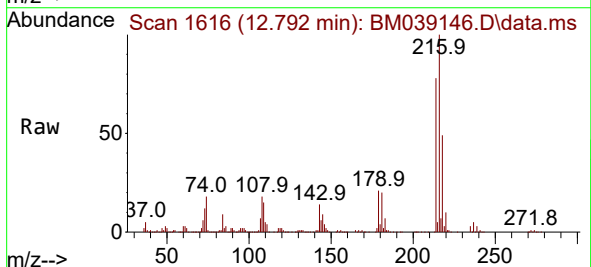
Ion Ratio Lower Upper

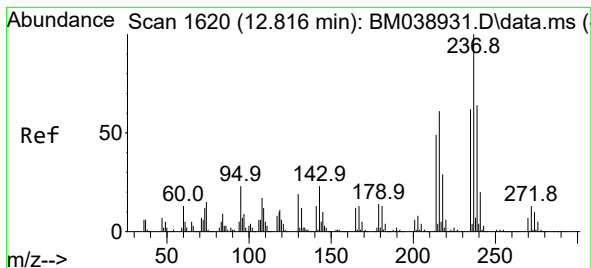
216 100

214 78.4 63.0 94.4

179 20.8 16.8 25.2

108 22.8 17.0 25.4





#41

Hexachlorocyclopentadiene

Concen: 121.316 ng

RT: 12.769 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM039146.D

Acq: 24 Mar 2023 17:51

Instrument :

BNA_M

ClientSampleId :

R-PITMSD

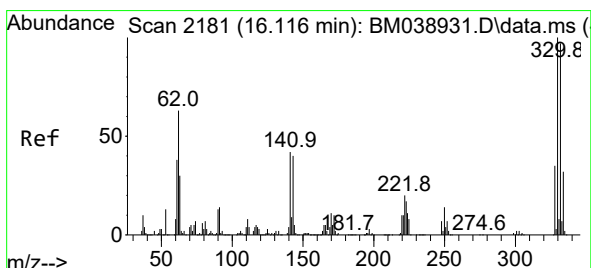
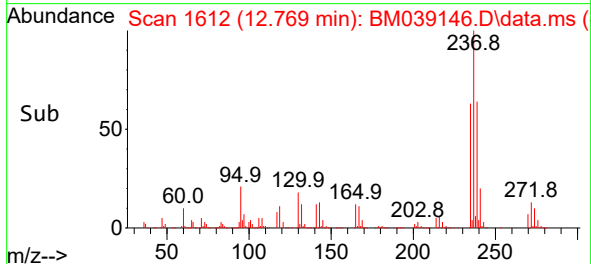
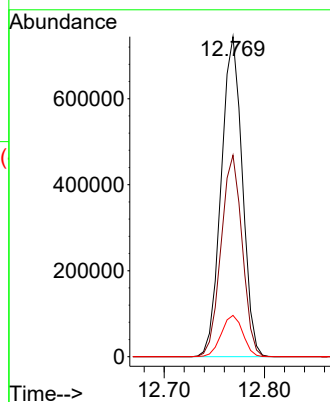
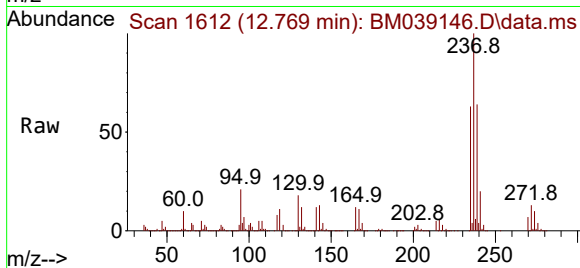
Tgt Ion:237 Resp: 1087094

Ion Ratio Lower Upper

237 100

235 62.9 41.7 81.7

272 12.9 0.0 33.2



#42

2,4,6-Tribromophenol

Concen: 66.710 ng

RT: 16.086 min Scan# 2176

Delta R.T. 0.000 min

Lab File: BM039146.D

Acq: 24 Mar 2023 17:51

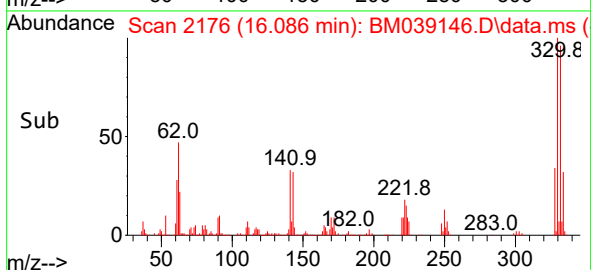
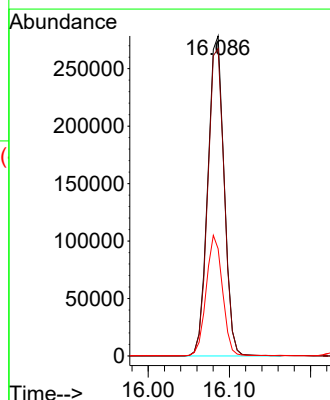
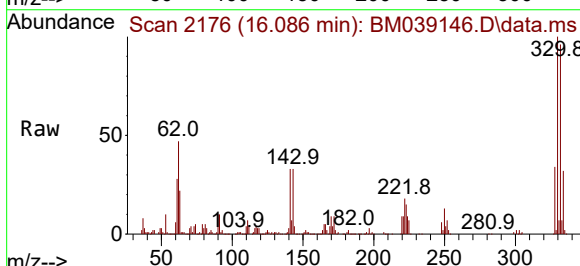
Tgt Ion:330 Resp: 387526

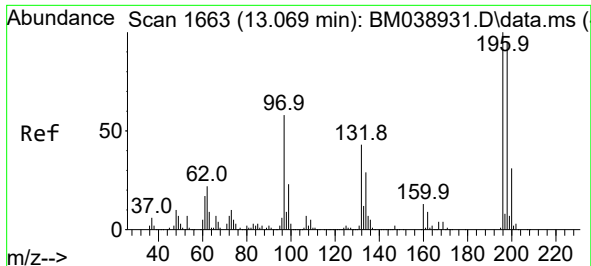
Ion Ratio Lower Upper

330 100

332 97.3 77.4 116.0

141 37.4 32.2 48.4





#43

2,4,6-Trichlorophenol

Concen: 49.442 ng

RT: 13.033 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM039146.D

Acq: 24 Mar 2023 17:51

Instrument :

BNA_M

ClientSampleId :

R-PITMSD

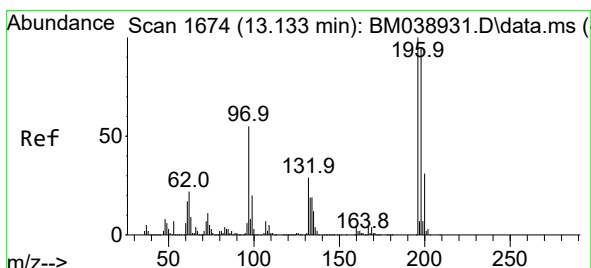
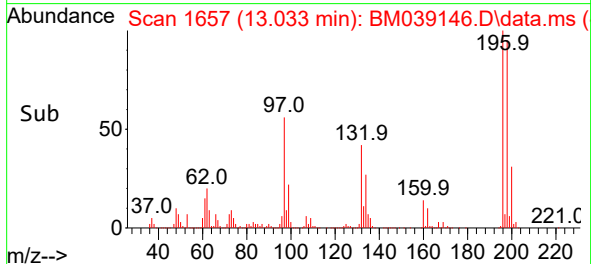
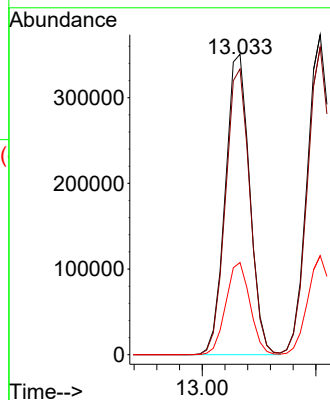
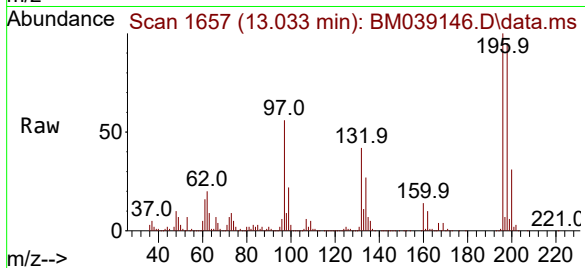
Tgt Ion:196 Resp: 522666

Ion Ratio Lower Upper

196 100

198 95.1 75.8 113.8

200 30.7 25.0 37.4



#44

2,4,5-Trichlorophenol

Concen: 44.433 ng

RT: 13.104 min Scan# 1669

Delta R.T. 0.000 min

Lab File: BM039146.D

Acq: 24 Mar 2023 17:51

Tgt Ion:196 Resp: 549792

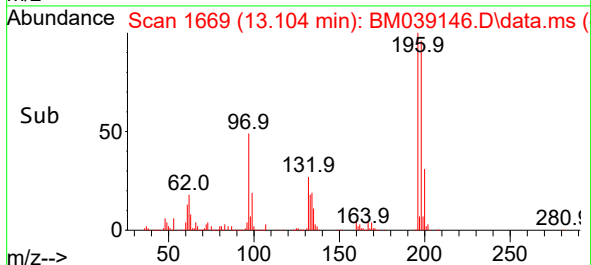
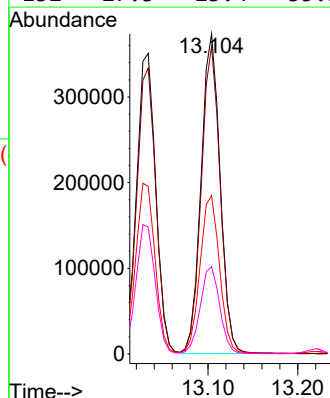
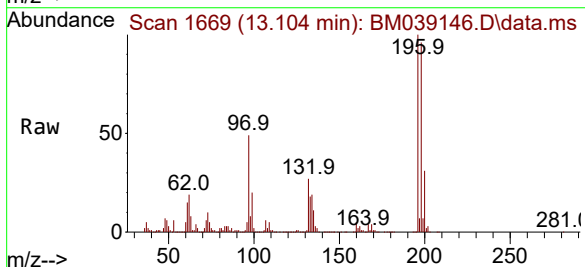
Ion Ratio Lower Upper

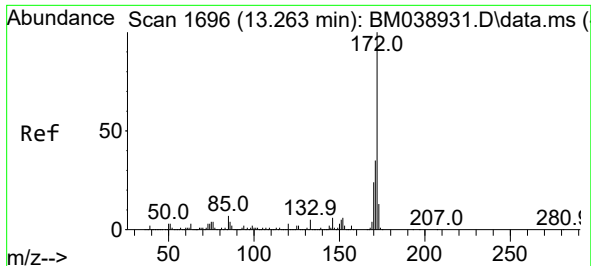
196 100

198 96.1 76.3 114.5

97 49.4 44.2 66.4

132 27.3 23.4 35.2

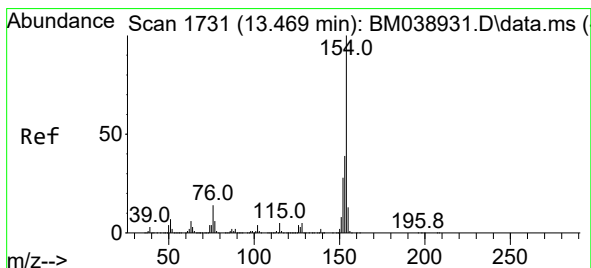
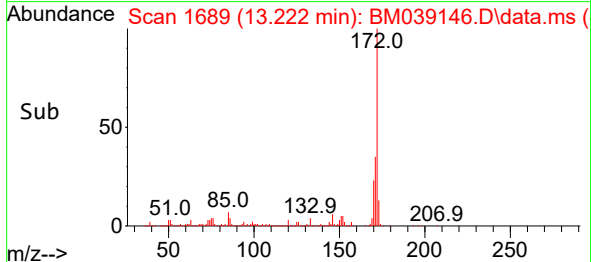
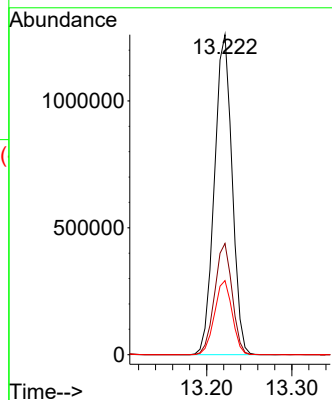
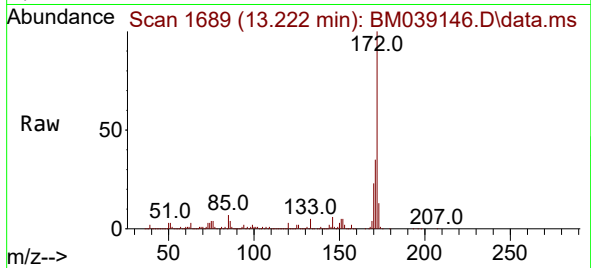




#45
2-Fluorobiphenyl
Concen: 47.244 ng
RT: 13.222 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM039146.D
Acq: 24 Mar 2023 17:51

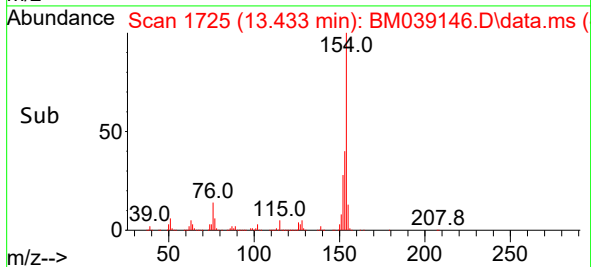
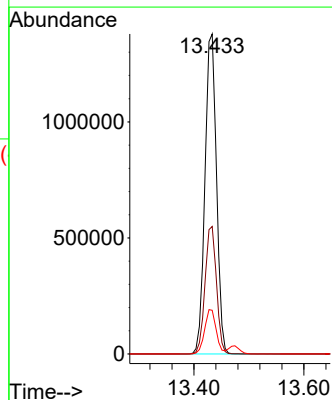
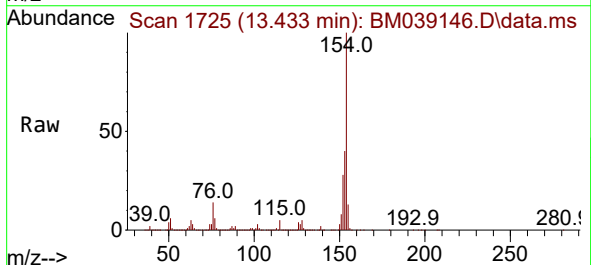
Instrument :
BNA_M
ClientSampleId :
R-PITMSD

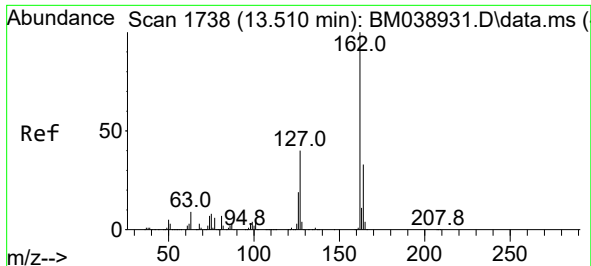
Tgt Ion:172 Resp: 1822397
Ion Ratio Lower Upper
172 100
171 34.8 28.2 42.2
170 23.1 19.1 28.7



#46
1,1'-Biphenyl
Concen: 47.032 ng
RT: 13.433 min Scan# 1725
Delta R.T. 0.000 min
Lab File: BM039146.D
Acq: 24 Mar 2023 17:51

Tgt Ion:154 Resp: 2000820
Ion Ratio Lower Upper
154 100
153 39.9 19.3 59.3
76 13.6 0.0 34.0

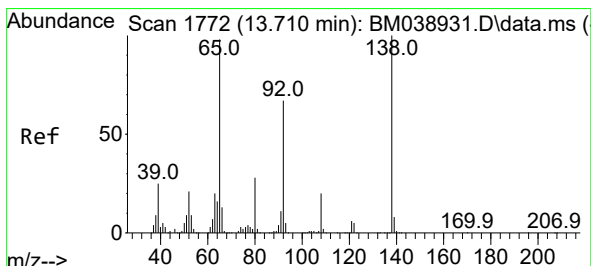
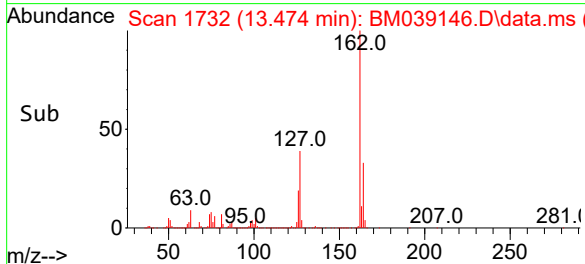
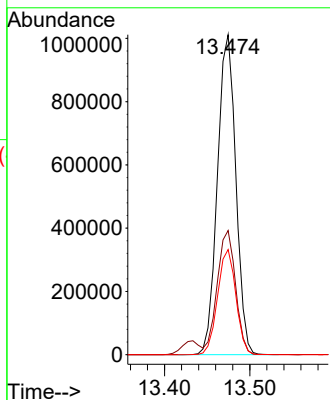
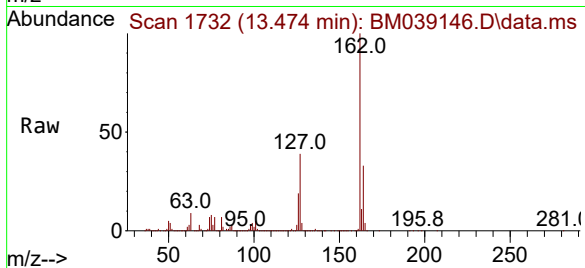




#47
2-Chloronaphthalene
Concen: 47.354 ng
RT: 13.474 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM039146.D
Acq: 24 Mar 2023 17:51

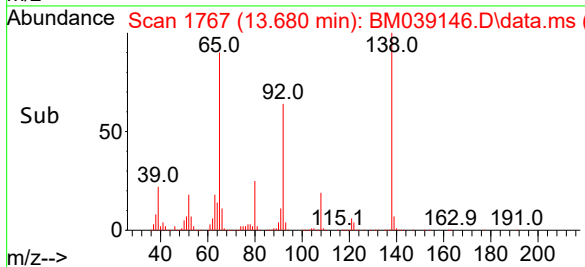
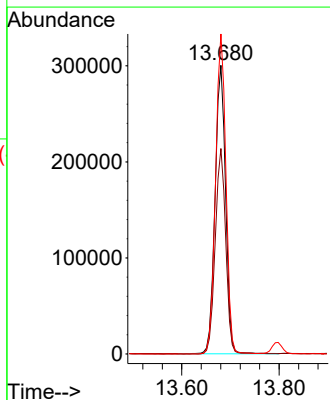
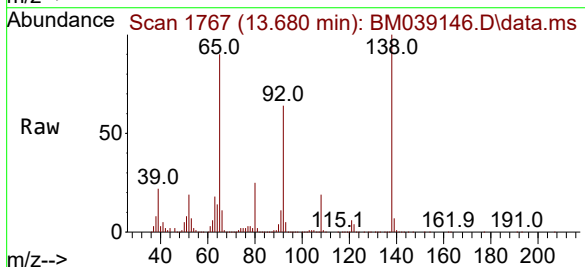
Instrument :
BNA_M
ClientSampleId :
R-PITMSD

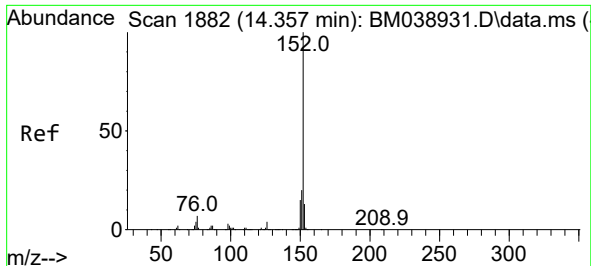
Tgt Ion:162 Resp: 1519076
Ion Ratio Lower Upper
162 100
127 38.8 32.1 48.1
164 32.9 26.2 39.4



#48
2-Nitroaniline
Concen: 44.029 ng
RT: 13.680 min Scan# 1767
Delta R.T. 0.000 min
Lab File: BM039146.D
Acq: 24 Mar 2023 17:51

Tgt Ion: 65 Resp: 450246
Ion Ratio Lower Upper
65 100
92 71.2 54.9 82.3
138 110.8 81.6 122.4

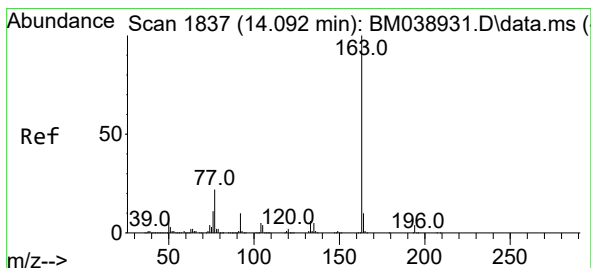
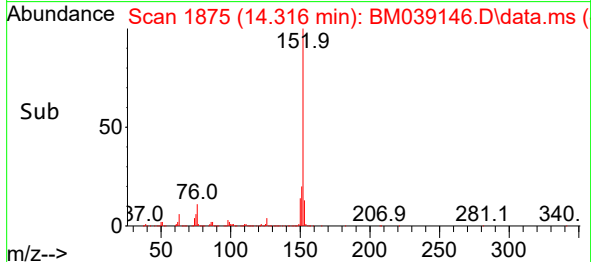
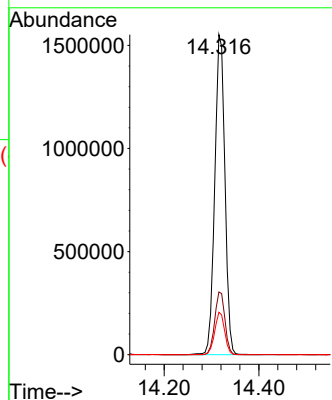
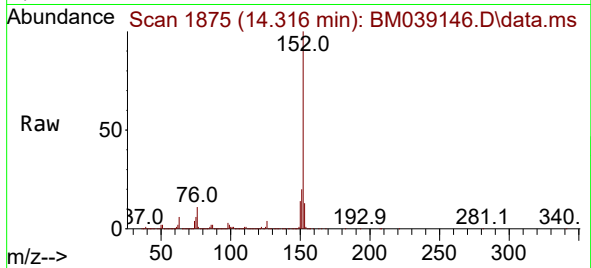




#49
Acenaphthylene
Concen: 45.163 ng
RT: 14.316 min Scan# 1875
Delta R.T. -0.006 min
Lab File: BM039146.D
Acq: 24 Mar 2023 17:51

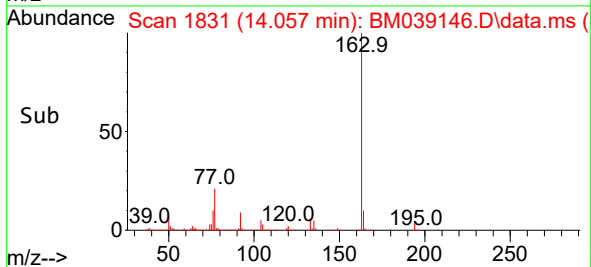
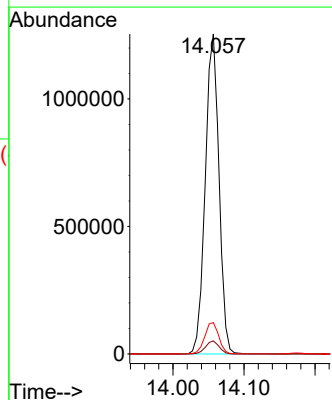
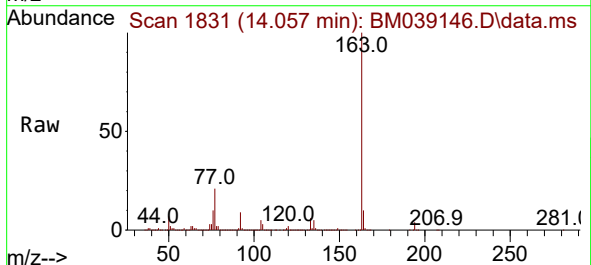
Instrument :
BNA_M
ClientSampleId :
R-PITMSD

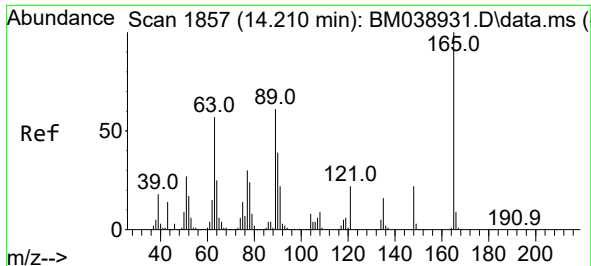
Tgt Ion:152 Resp: 2307730
Ion Ratio Lower Upper
152 100
151 19.6 15.8 23.8
153 13.2 10.4 15.6



#50
Dimethylphthalate
Concen: 43.690 ng
RT: 14.057 min Scan# 1831
Delta R.T. -0.006 min
Lab File: BM039146.D
Acq: 24 Mar 2023 17:51

Tgt Ion:163 Resp: 1688202
Ion Ratio Lower Upper
163 100
194 4.1 3.1 4.7
164 9.8 8.1 12.1

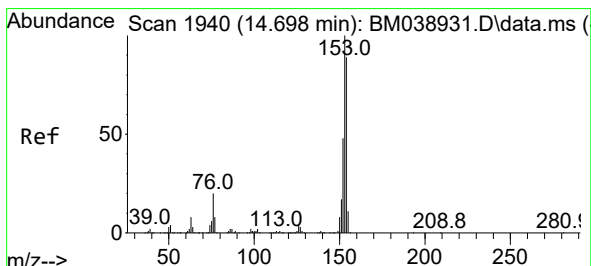
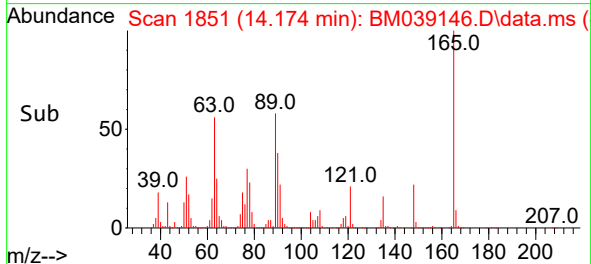
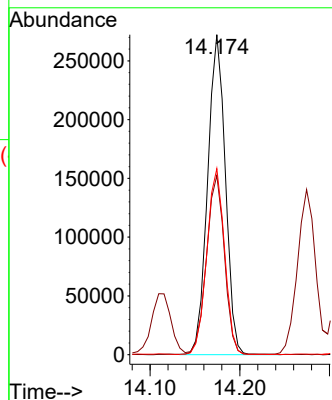
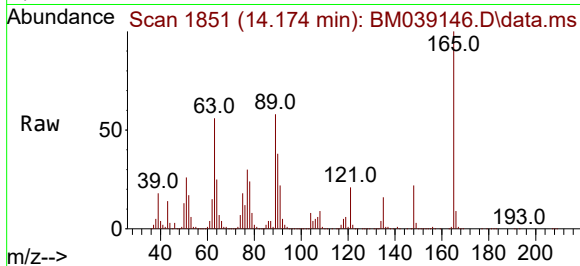




#51
2,6-Dinitrotoluene
Concen: 43.831 ng
RT: 14.174 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM039146.D
Acq: 24 Mar 2023 17:51

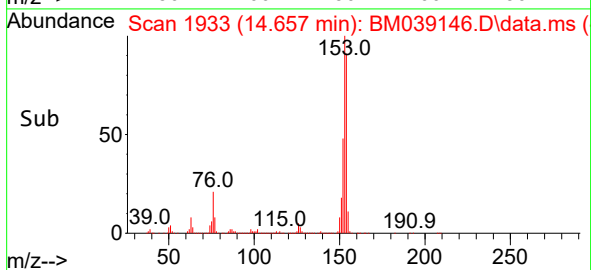
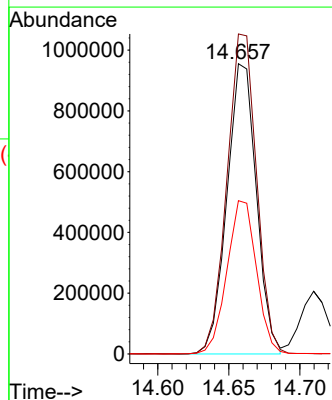
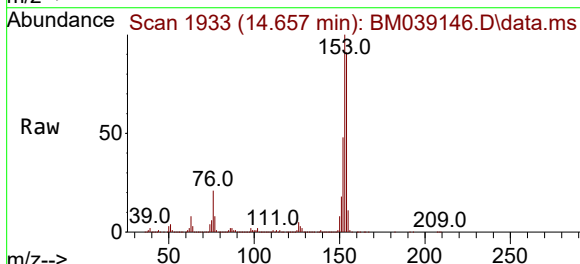
Instrument :
BNA_M
ClientSampleId :
R-PITMSD

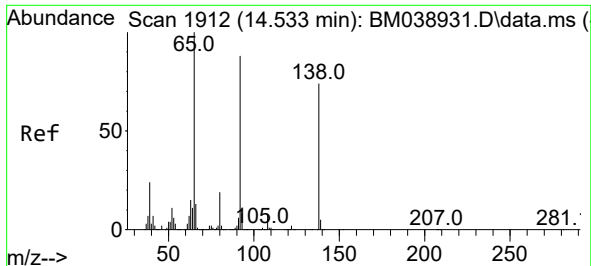
Tgt Ion:165 Resp: 373465
Ion Ratio Lower Upper
165 100
63 56.0 46.6 70.0
89 58.1 48.6 73.0



#52
Acenaphthene
Concen: 43.902 ng
RT: 14.657 min Scan# 1933
Delta R.T. -0.006 min
Lab File: BM039146.D
Acq: 24 Mar 2023 17:51

Tgt Ion:154 Resp: 1378645
Ion Ratio Lower Upper
154 100
153 110.3 90.2 135.2
152 52.8 43.4 65.2

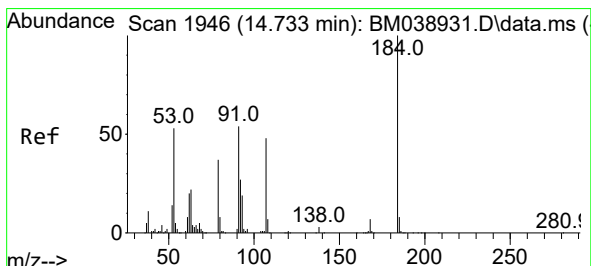
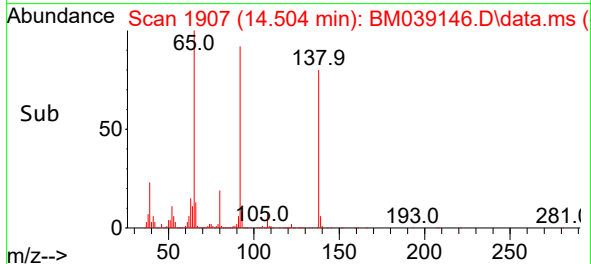
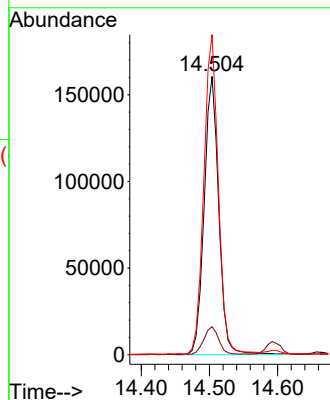
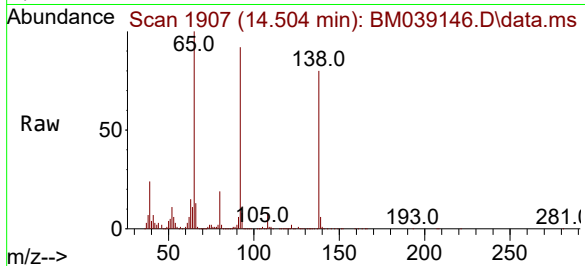




#53
3-Nitroaniline
Concen: 24.724 ng
RT: 14.504 min Scan# 1907
Delta R.T. -0.006 min
Lab File: BM039146.D
Acq: 24 Mar 2023 17:51

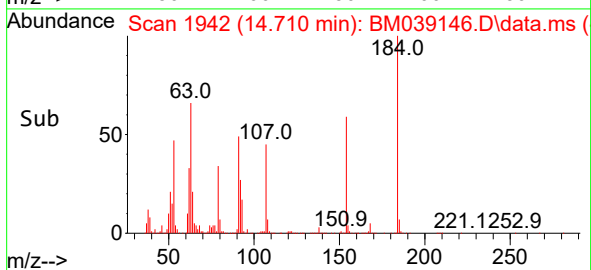
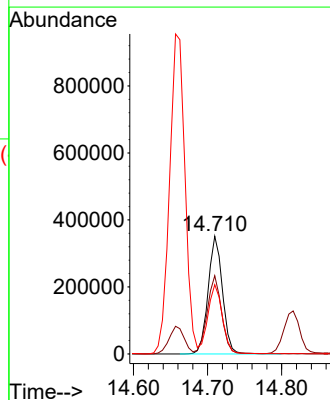
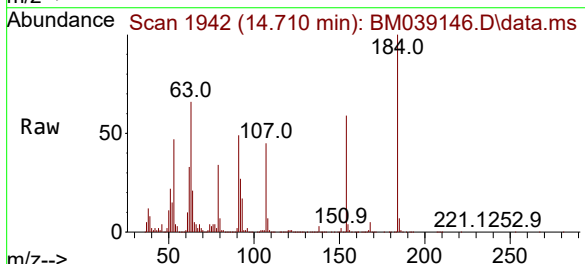
Instrument :
BNA_M
ClientSampleId :
R-PITMSD

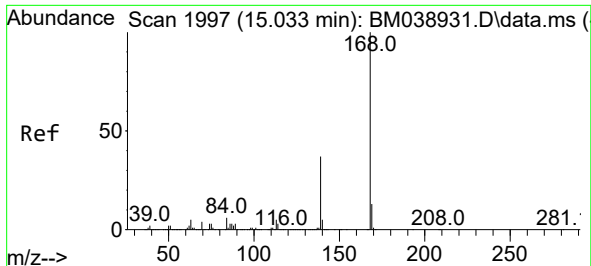
Tgt Ion:138 Resp: 239019
Ion Ratio Lower Upper
138 100
108 10.0 8.3 12.5
92 115.0 95.8 143.8



#54
2,4-Dinitrophenol
Concen: 95.474 ng
RT: 14.710 min Scan# 1942
Delta R.T. -0.006 min
Lab File: BM039146.D
Acq: 24 Mar 2023 17:51

Tgt Ion:184 Resp: 474217
Ion Ratio Lower Upper
184 100
63 66.5 60.6 90.8
154 58.8 51.4 77.2

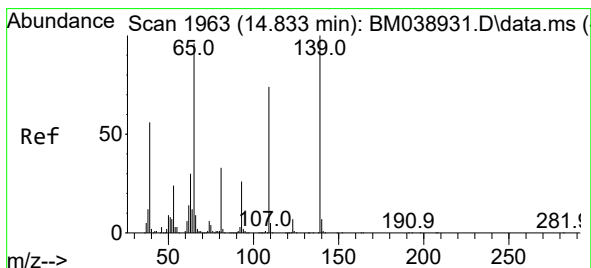
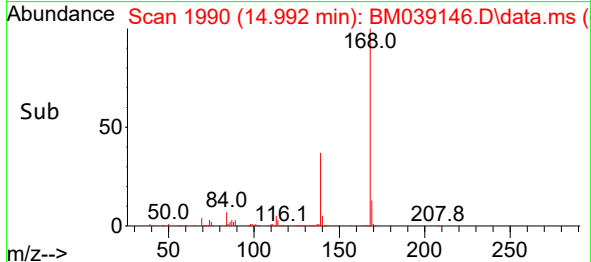
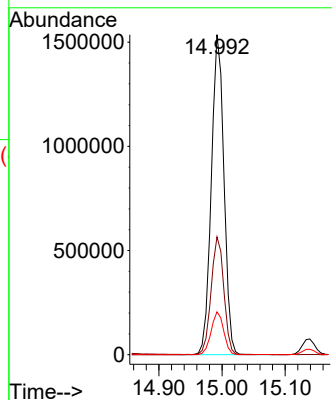
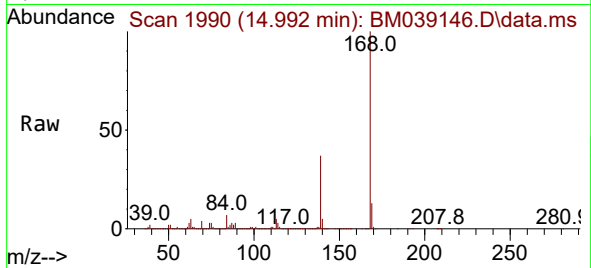




#55
Dibenzenofuran
Concen: 43.291 ng
RT: 14.992 min Scan# 1997
Delta R.T. -0.006 min
Lab File: BM039146.D
Acq: 24 Mar 2023 17:51

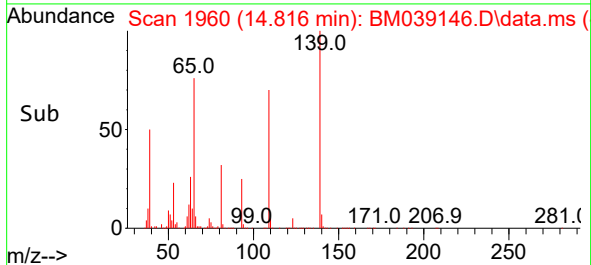
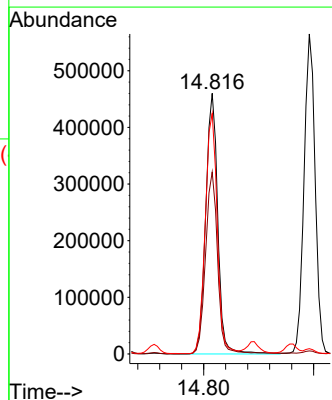
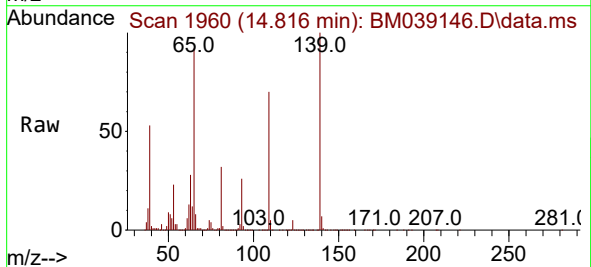
Instrument :
BNA_M
ClientSampleId :
R-PITMSD

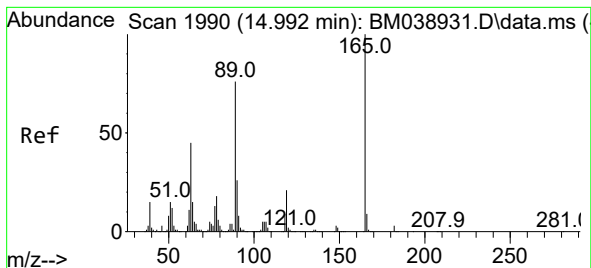
Tgt Ion:168 Resp: 2127334
Ion Ratio Lower Upper
168 100
139 36.8 29.9 44.9
169 13.4 10.7 16.1



#56
4-Nitrophenol
Concen: 91.030 ng
RT: 14.816 min Scan# 1960
Delta R.T. 0.000 min
Lab File: BM039146.D
Acq: 24 Mar 2023 17:51

Tgt Ion:139 Resp: 698572
Ion Ratio Lower Upper
139 100
109 69.8 53.5 93.5
65 92.3 76.4 116.4

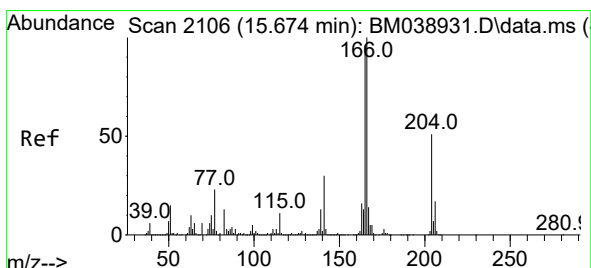
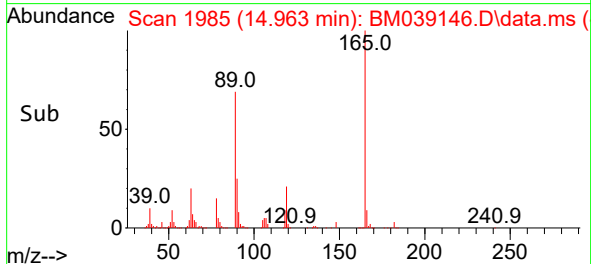
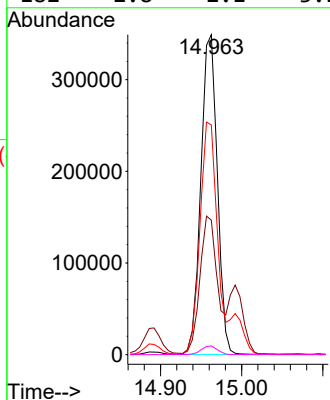
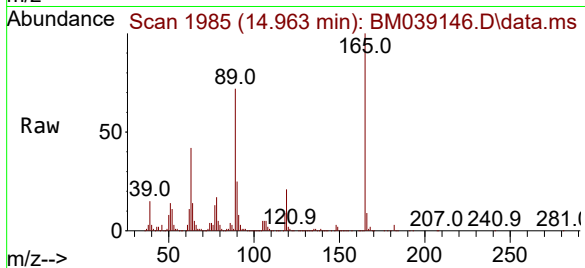




#57
2,4-Dinitrotoluene
Concen: 43.829 ng
RT: 14.963 min Scan# 1990
Delta R.T. 0.000 min
Lab File: BM039146.D
Acq: 24 Mar 2023 17:51

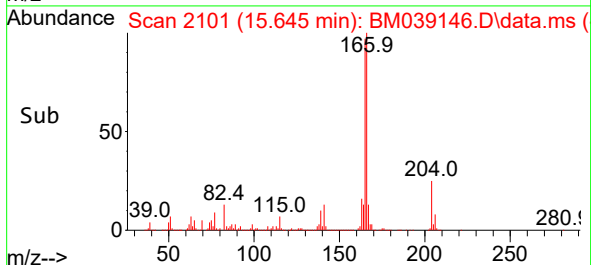
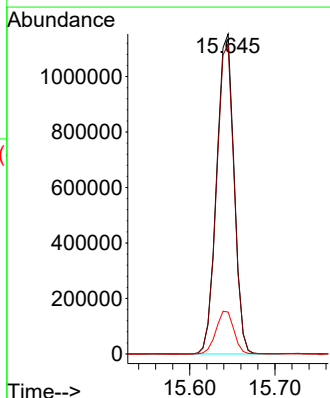
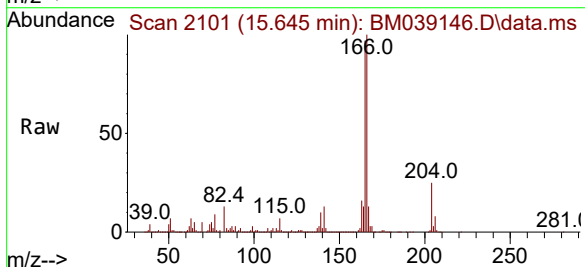
Instrument :
BNA_M
ClientSampleId :
R-PITMSD

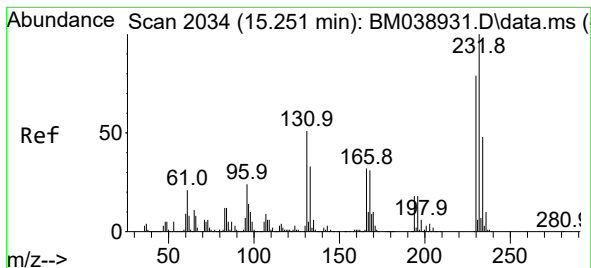
Tgt Ion:165 Resp: 490784
Ion Ratio Lower Upper
165 100
63 42.1 35.9 53.9
89 71.8 61.0 91.6
182 2.8 2.1 3.1



#58
Fluorene
Concen: 42.583 ng
RT: 15.645 min Scan# 2101
Delta R.T. 0.000 min
Lab File: BM039146.D
Acq: 24 Mar 2023 17:51

Tgt Ion:166 Resp: 1639169
Ion Ratio Lower Upper
166 100
165 96.6 77.1 115.7
167 13.1 10.9 16.3

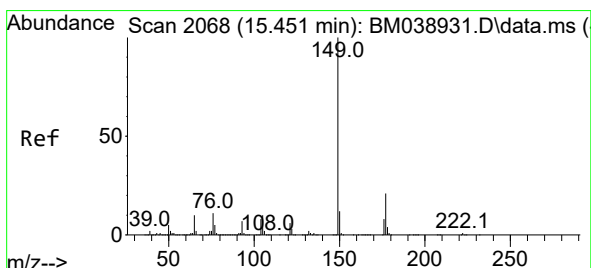
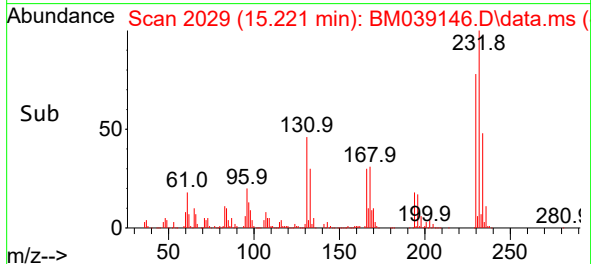
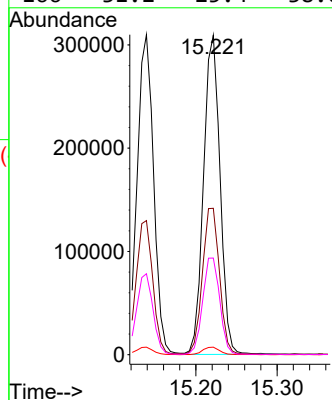
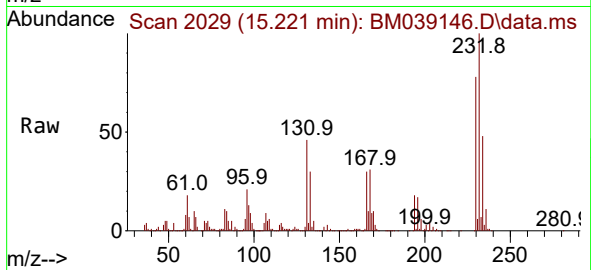




#59
2,3,4,6-Tetrachlorophenol
Concen: 45.740 ng
RT: 15.221 min Scan# 2034
Delta R.T. 0.000 min
Lab File: BM039146.D
Acq: 24 Mar 2023 17:51

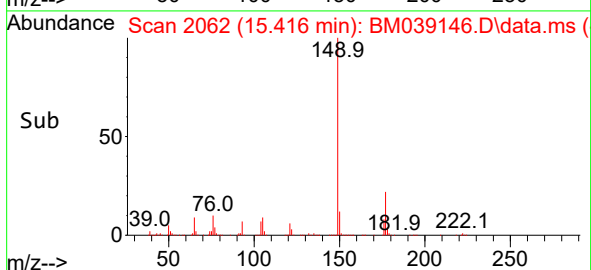
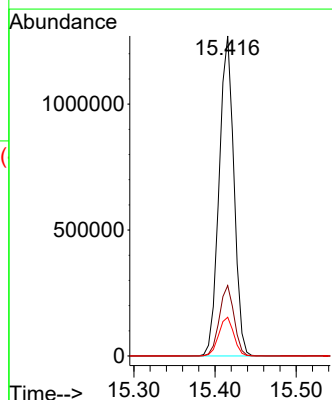
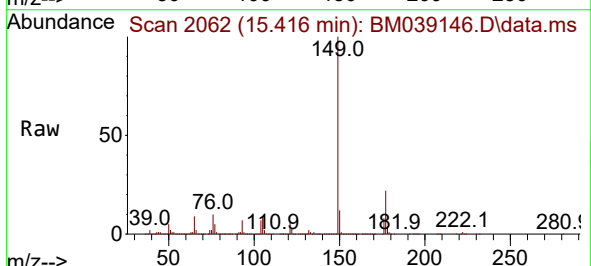
Instrument :
BNA_M
ClientSampleId :
R-PITMSD

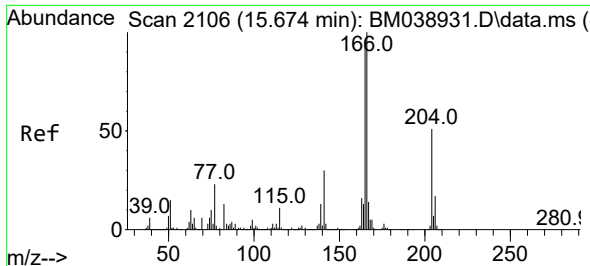
Tgt Ion:232 Resp: 436483
Ion Ratio Lower Upper
232 100
131 47.3 40.0 60.0
130 2.5 2.0 3.0
166 31.2 25.4 38.0



#60
Diethylphthalate
Concen: 42.884 ng
RT: 15.416 min Scan# 2062
Delta R.T. 0.000 min
Lab File: BM039146.D
Acq: 24 Mar 2023 17:51

Tgt Ion:149 Resp: 1612316
Ion Ratio Lower Upper
149 100
177 22.0 17.1 25.7
150 12.1 9.7 14.5

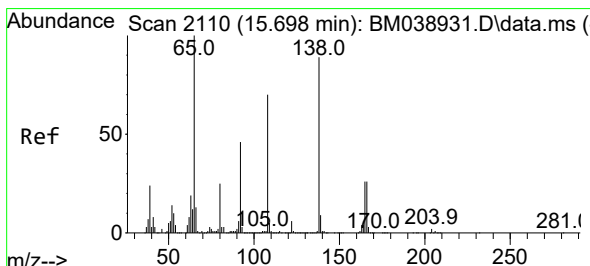
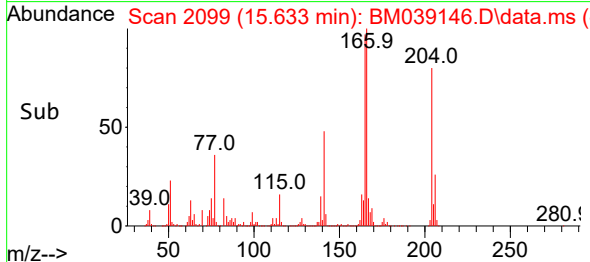
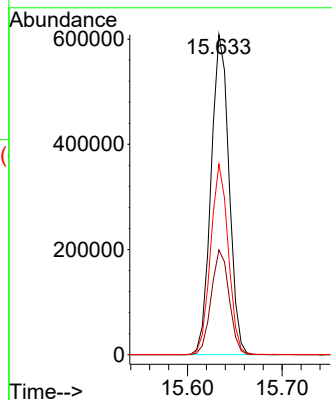
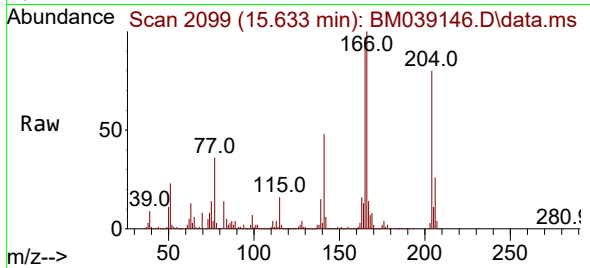




#61
4-Chlorophenyl-phenylether
Concen: 42.272 ng
RT: 15.633 min Scan# 2105
Delta R.T. -0.006 min
Lab File: BM039146.D
Acq: 24 Mar 2023 17:51

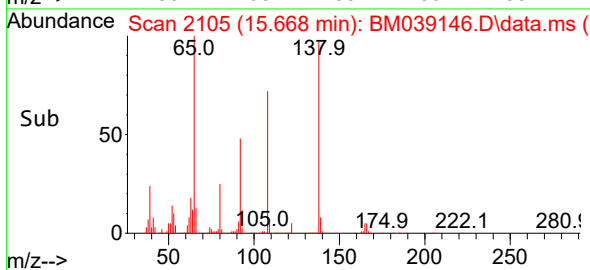
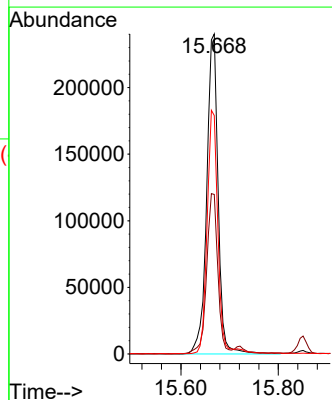
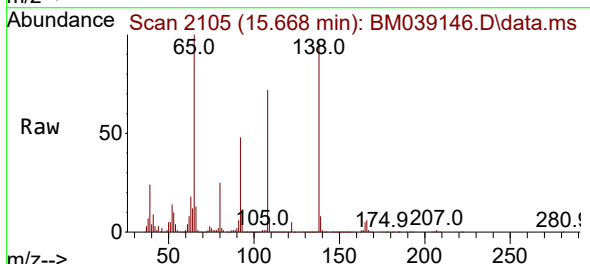
Instrument :
BNA_M
ClientSampleId :
R-PITMSD

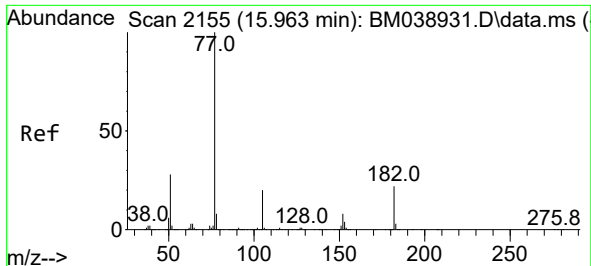
Tgt Ion:204 Resp: 799380
Ion Ratio Lower Upper
204 100
206 32.7 26.4 39.6
141 59.6 46.4 69.6



#62
4-Nitroaniline
Concen: 38.800 ng
RT: 15.668 min Scan# 2105
Delta R.T. -0.006 min
Lab File: BM039146.D
Acq: 24 Mar 2023 17:51

Tgt Ion:138 Resp: 390988
Ion Ratio Lower Upper
138 100
92 49.9 31.6 71.6
108 74.5 58.6 98.6



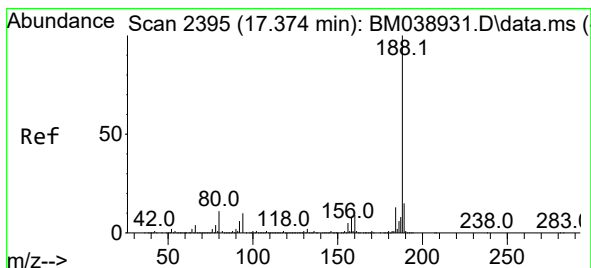
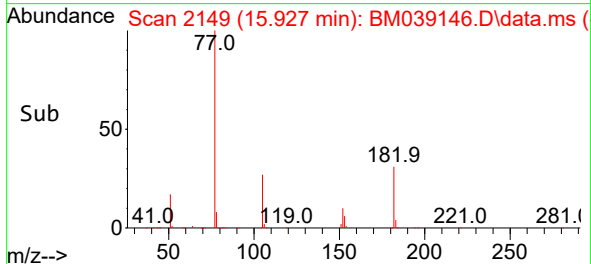
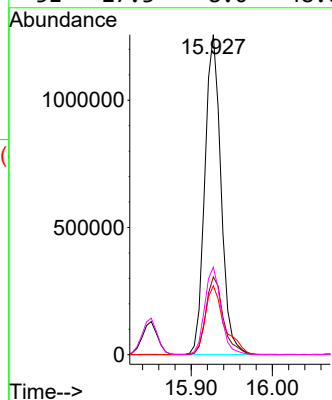
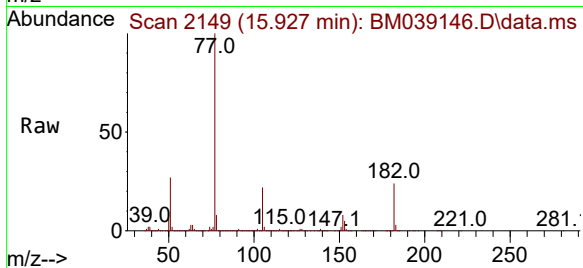


#63
Azobenzene
Concen: 43.495 ng
RT: 15.927 min Scan# 2155
Delta R.T. -0.006 min
Lab File: BM039146.D
Acq: 24 Mar 2023 17:51

Instrument :
BNA_M
ClientSampleId :
R-PITMSD

Tgt Ion: 77 Resp: 1730344

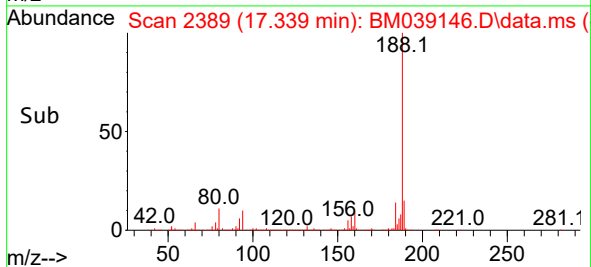
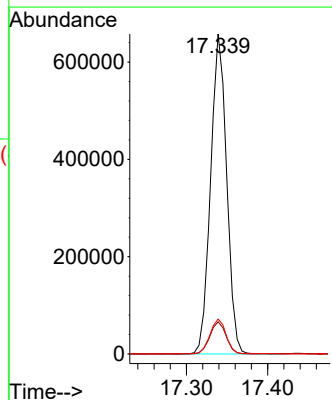
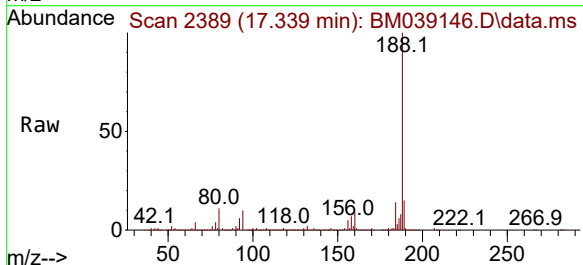
Ion	Ratio	Lower	Upper
77	100		
182	24.3	2.0	42.0
105	21.5	0.4	40.4
51	27.3	8.0	48.0

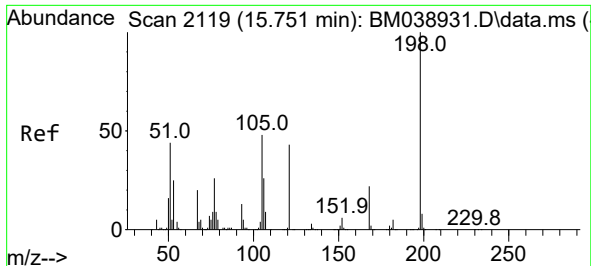


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.339 min Scan# 2389
Delta R.T. -0.006 min
Lab File: BM039146.D
Acq: 24 Mar 2023 17:51

Tgt Ion: 188 Resp: 900734

Ion	Ratio	Lower	Upper
188	100		
94	10.0	7.9	11.9
80	10.9	8.5	12.7

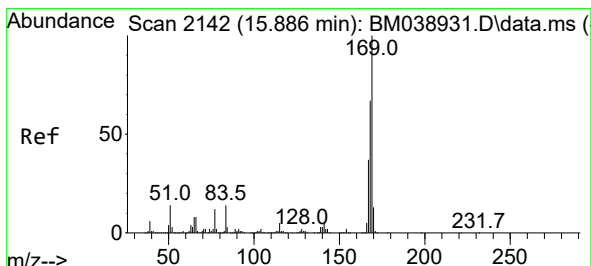
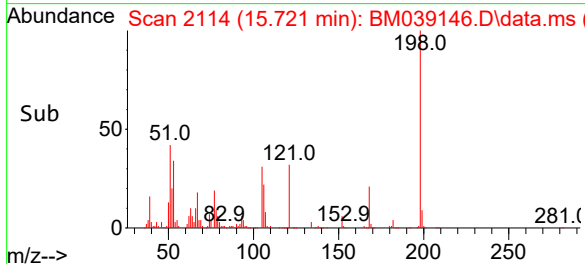
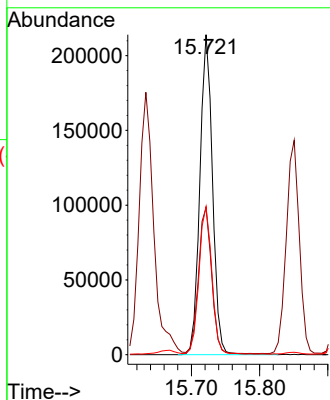
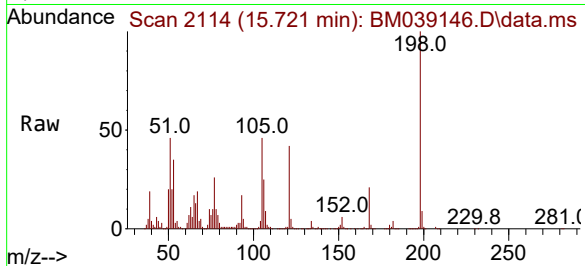




#65
4,6-Dinitro-2-methylphenol
Concen: 46.810 ng
RT: 15.721 min Scan# 2119
Delta R.T. -0.006 min
Lab File: BM039146.D
Acq: 24 Mar 2023 17:51

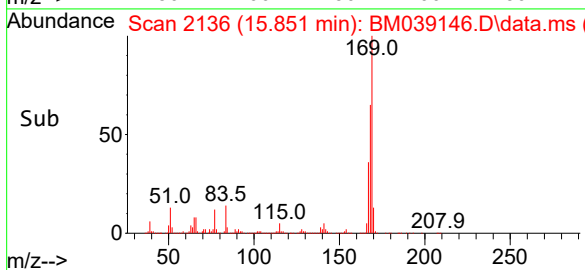
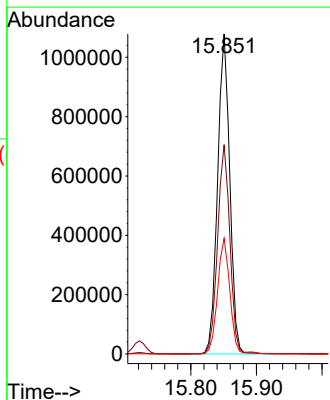
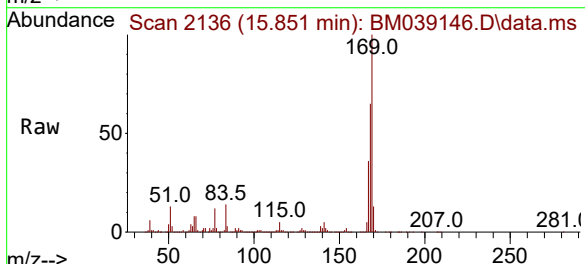
Instrument :
BNA_M
ClientSampleId :
R-PITMSD

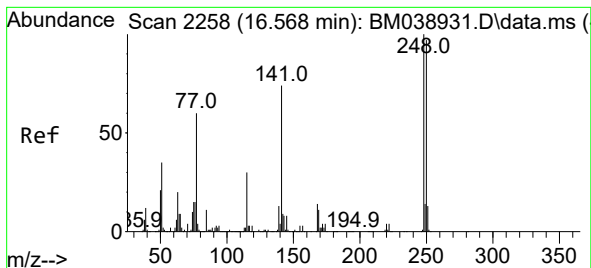
Tgt Ion:198 Resp: 276250
Ion Ratio Lower Upper
198 100
51 45.9 30.1 70.1
105 46.3 29.3 69.3



#66
n-Nitrosodiphenylamine
Concen: 45.545 ng
RT: 15.851 min Scan# 2136
Delta R.T. -0.006 min
Lab File: BM039146.D
Acq: 24 Mar 2023 17:51

Tgt Ion:169 Resp: 1383011
Ion Ratio Lower Upper
169 100
168 65.4 53.4 80.0
167 36.1 29.4 44.0

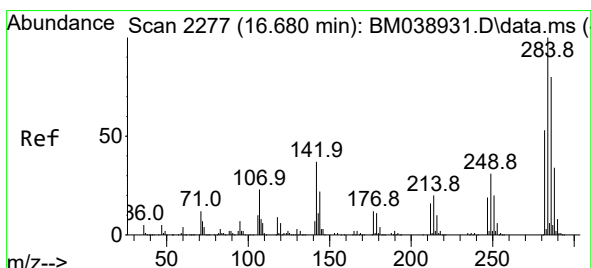
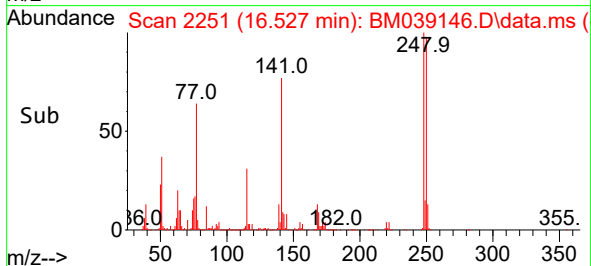
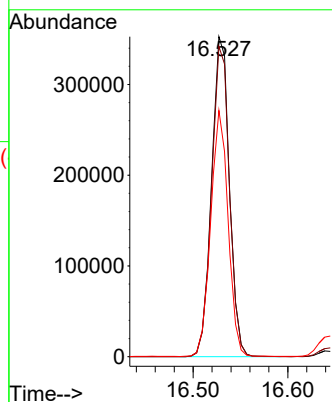
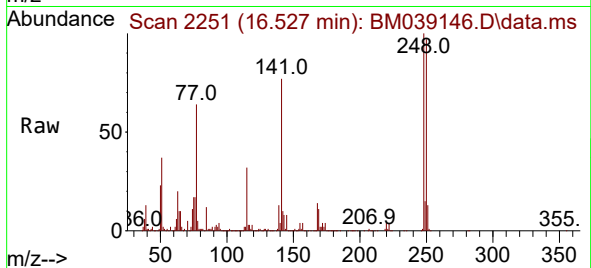




#67
4-Bromophenyl-phenylether
Concen: 47.419 ng
RT: 16.527 min Scan# 211
Delta R.T. -0.006 min
Lab File: BM039146.D
Acq: 24 Mar 2023 17:51

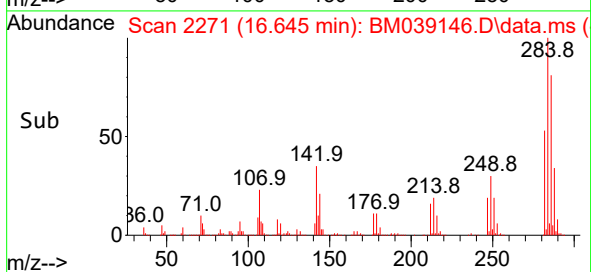
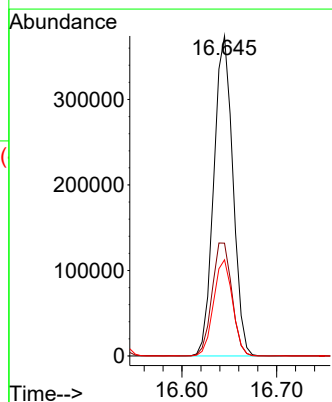
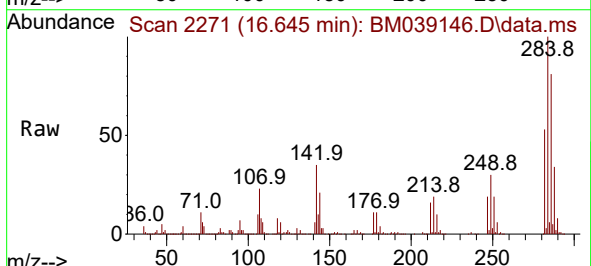
Instrument :
BNA_M
ClientSampleId :
R-PITMSD

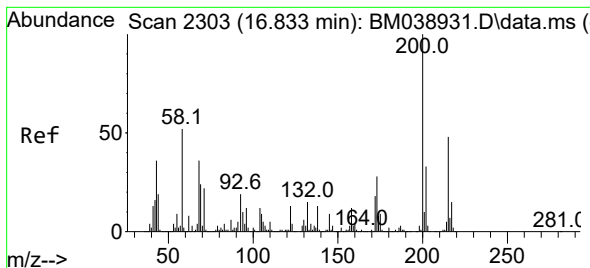
Tgt Ion:248 Resp: 461332
Ion Ratio Lower Upper
248 100
250 96.9 77.8 116.8
141 77.0 59.0 88.4



#68
Hexachlorobenzene
Concen: 48.042 ng
RT: 16.645 min Scan# 2271
Delta R.T. 0.000 min
Lab File: BM039146.D
Acq: 24 Mar 2023 17:51

Tgt Ion:284 Resp: 522498
Ion Ratio Lower Upper
284 100
142 35.3 29.5 44.3
249 30.1 25.0 37.4





#69

Atrazine

Concen: 51.641 ng

RT: 16.804 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM039146.D

Acq: 24 Mar 2023 17:51

Instrument :

BNA_M

ClientSampleId :

R-PITMSD

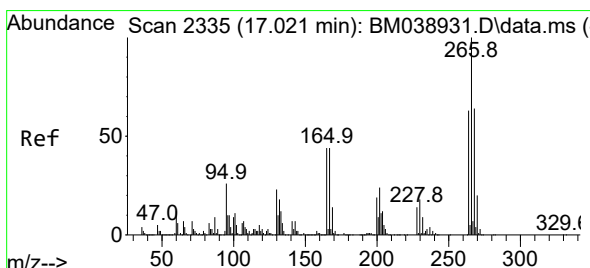
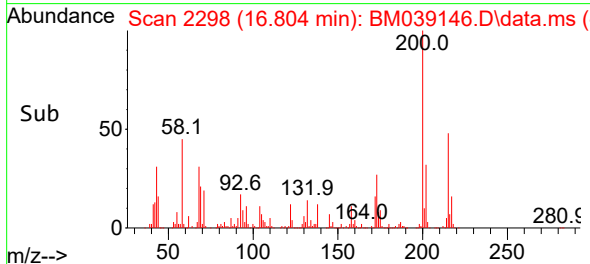
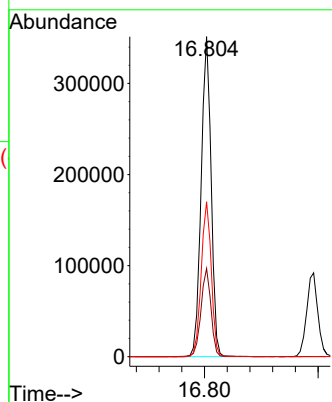
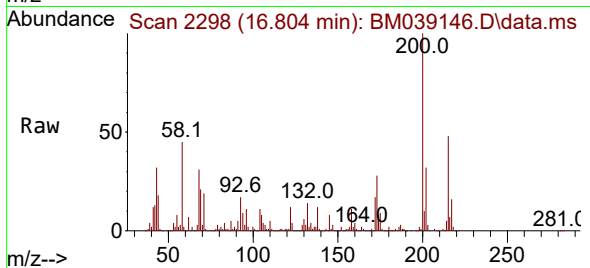
Tgt Ion:200 Resp: 428323

Ion Ratio Lower Upper

200 100

173 27.6 8.2 48.2

215 48.4 27.8 67.8



#70

Pentachlorophenol

Concen: 82.819 ng

RT: 16.992 min Scan# 2330

Delta R.T. 0.000 min

Lab File: BM039146.D

Acq: 24 Mar 2023 17:51

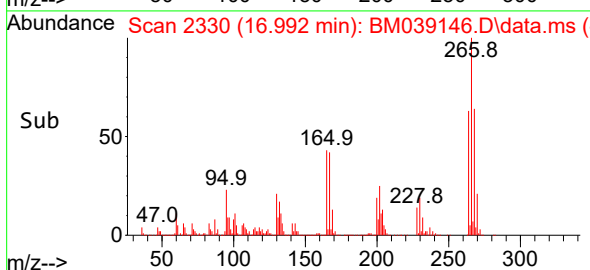
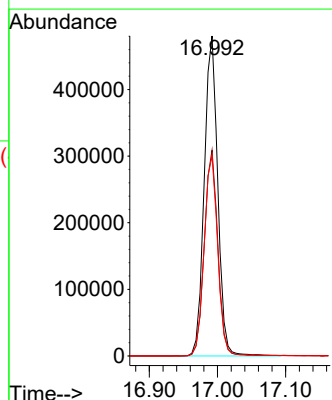
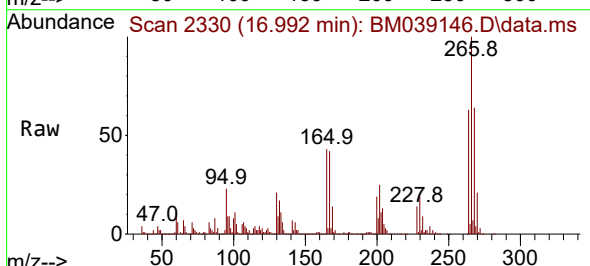
Tgt Ion:266 Resp: 662489

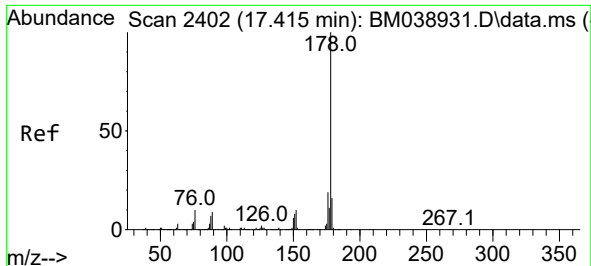
Ion Ratio Lower Upper

266 100

268 64.3 51.0 76.4

264 62.5 50.3 75.5

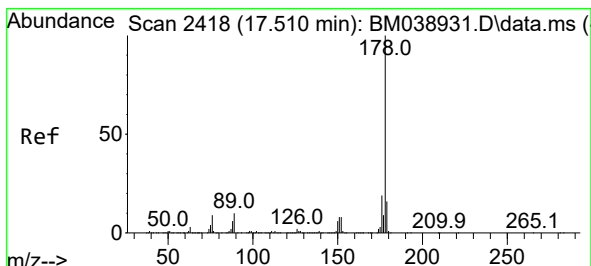
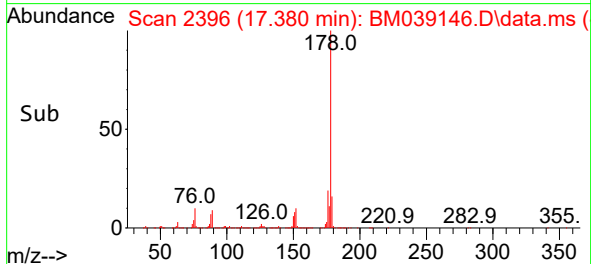
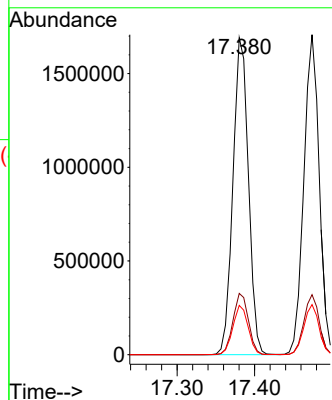
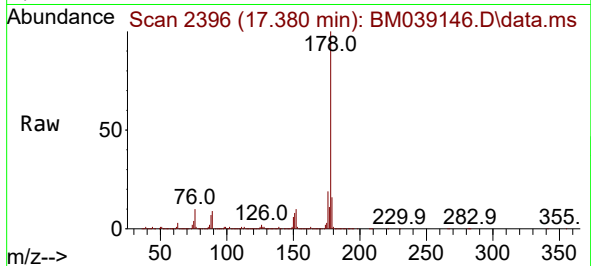




#71
Phenanthrene
Concen: 44.541 ng
RT: 17.380 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM039146.D
Acq: 24 Mar 2023 17:51

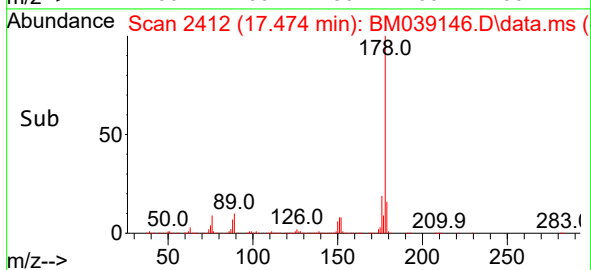
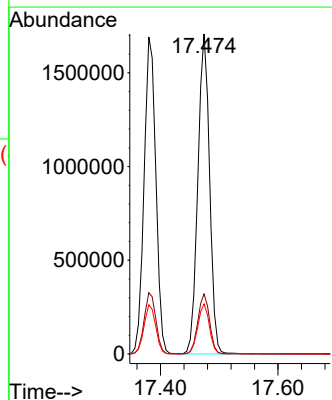
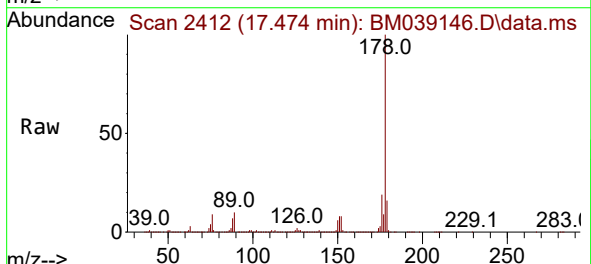
Instrument :
BNA_M
ClientSampleId :
R-PITMSD

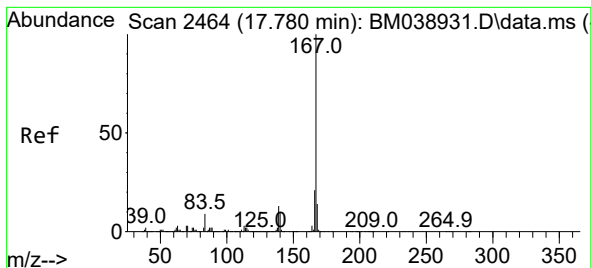
Tgt Ion:178 Resp: 2354623
Ion Ratio Lower Upper
178 100
176 19.3 15.6 23.4
179 15.5 12.5 18.7



#72
Anthracene
Concen: 44.771 ng
RT: 17.474 min Scan# 2412
Delta R.T. 0.000 min
Lab File: BM039146.D
Acq: 24 Mar 2023 17:51

Tgt Ion:178 Resp: 2360286
Ion Ratio Lower Upper
178 100
176 18.8 15.3 22.9
179 15.7 12.5 18.7





#73

Carbazole

Concen: 44.522 ng

RT: 17.745 min Scan# 24

Delta R.T. -0.006 min

Lab File: BM039146.D

Acq: 24 Mar 2023 17:51

Instrument :

BNA_M

ClientSampleId :

R-PITMSD

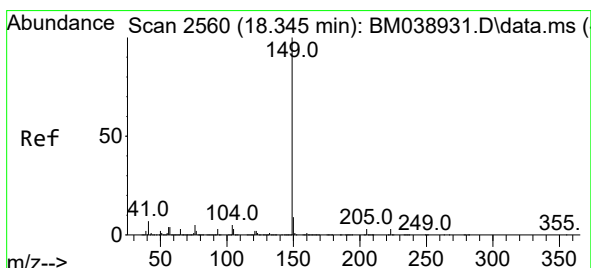
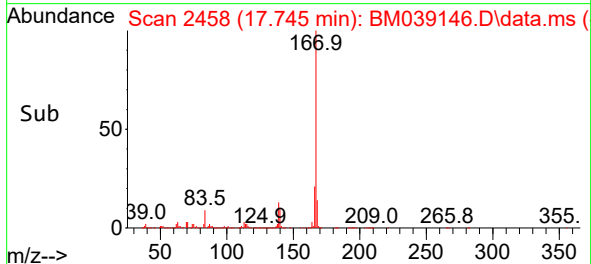
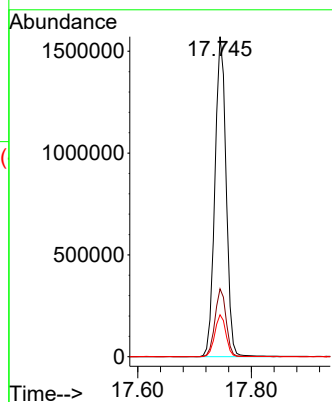
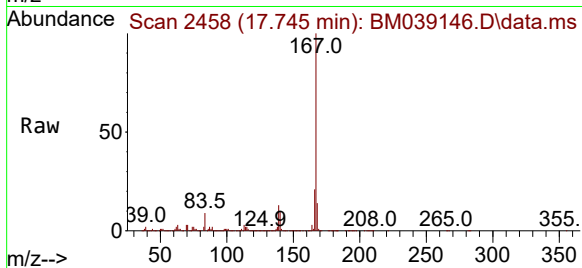
Tgt Ion:167 Resp: 2142178

Ion Ratio Lower Upper

167 100

166 21.2 17.0 25.4

139 13.1 10.3 15.5



#74

Di-n-butylphthalate

Concen: 43.959 ng

RT: 18.309 min Scan# 2554

Delta R.T. 0.000 min

Lab File: BM039146.D

Acq: 24 Mar 2023 17:51

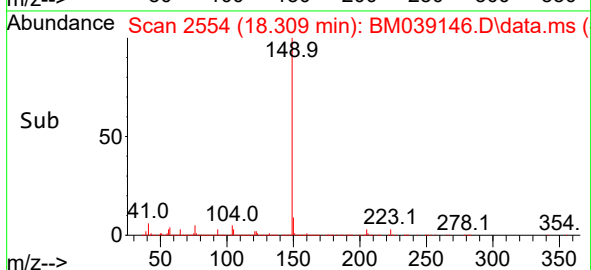
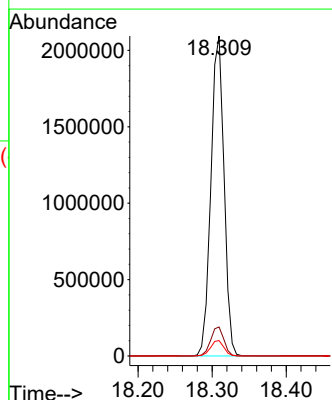
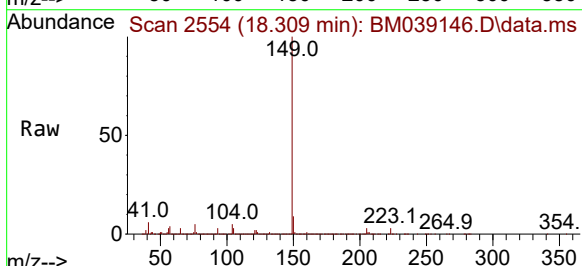
Tgt Ion:149 Resp: 2570491

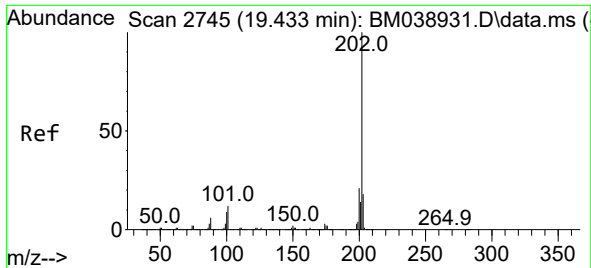
Ion Ratio Lower Upper

149 100

150 9.1 7.4 11.2

104 4.8 4.3 6.5

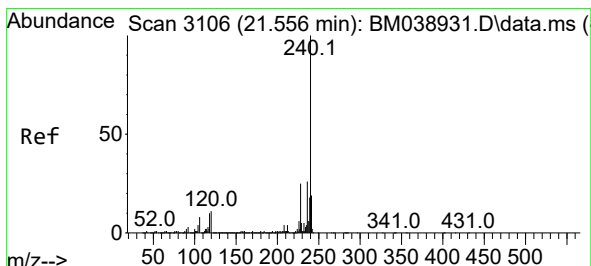
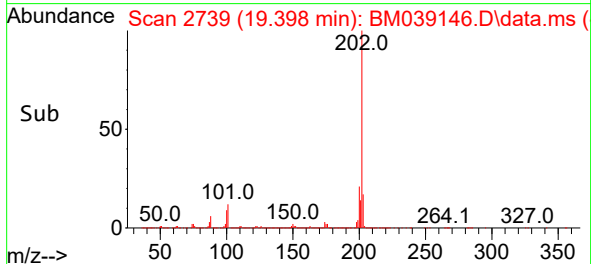
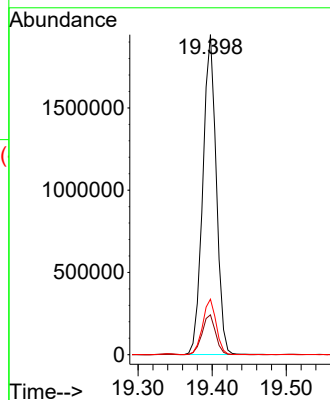
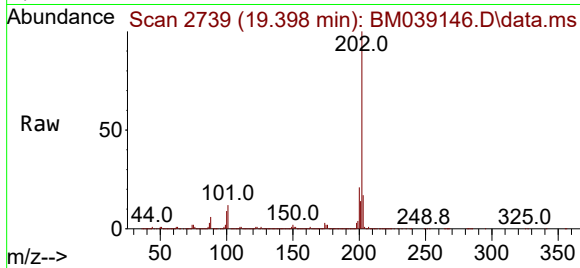




#75
Fluoranthene
Concen: 44.001 ng
RT: 19.398 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM039146.D
Acq: 24 Mar 2023 17:51

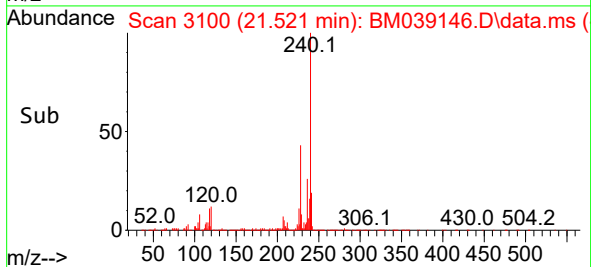
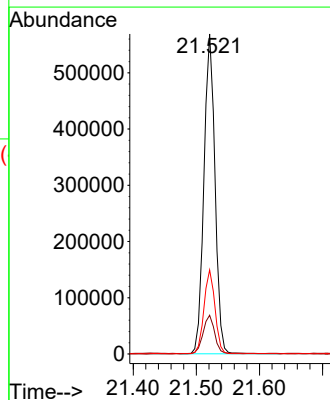
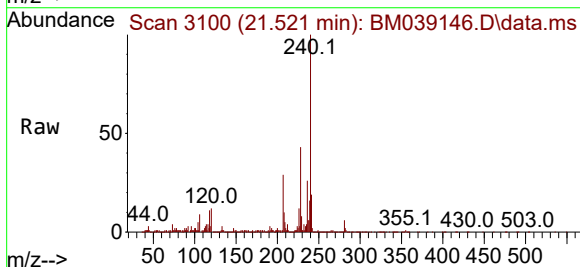
Instrument :
BNA_M
ClientSampleId :
R-PITMSD

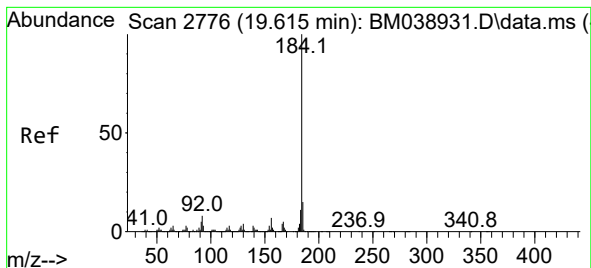
Tgt Ion:202 Resp: 2455998
Ion Ratio Lower Upper
202 100
101 12.4 0.0 31.7
203 17.3 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.521 min Scan# 3100
Delta R.T. -0.006 min
Lab File: BM039146.D
Acq: 24 Mar 2023 17:51

Tgt Ion:240 Resp: 691877
Ion Ratio Lower Upper
240 100
120 12.1 9.2 13.8
236 26.2 20.8 31.2





#77

Benzidine

Concen: 74.154 ng

RT: 19.586 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM039146.D

Acq: 24 Mar 2023 17:51

Instrument :

BNA_M

ClientSampleId :

R-PITMSD

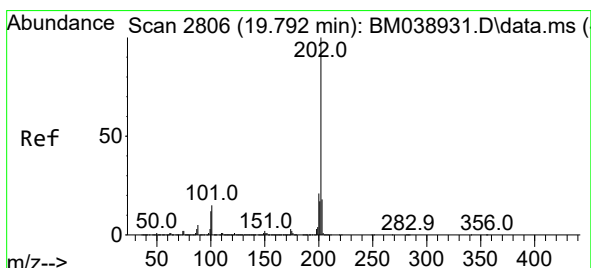
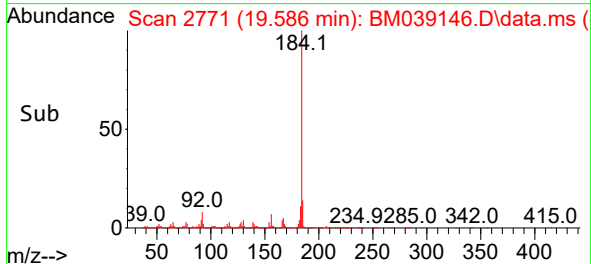
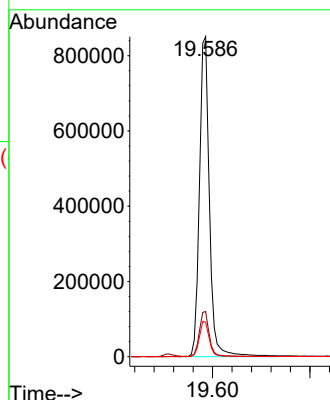
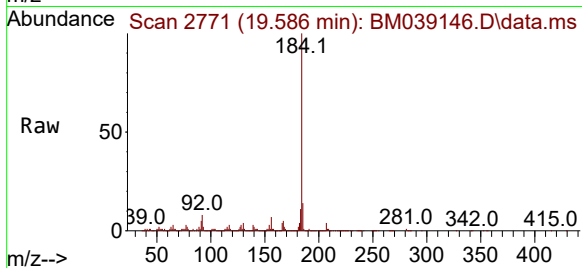
Tgt Ion:184 Resp: 1216108

Ion Ratio Lower Upper

184 100

185 14.1 12.2 18.4

183 10.8 8.8 13.2



#78

Pyrene

Concen: 48.996 ng

RT: 19.756 min Scan# 2800

Delta R.T. -0.006 min

Lab File: BM039146.D

Acq: 24 Mar 2023 17:51

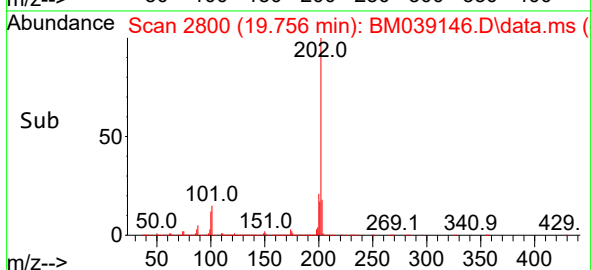
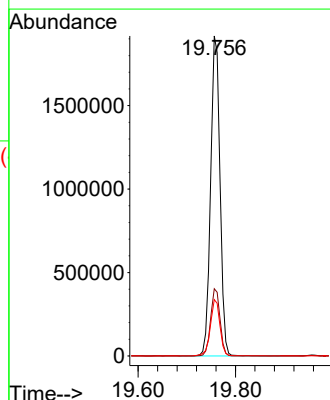
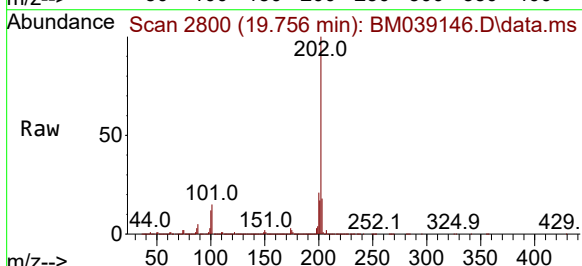
Tgt Ion:202 Resp: 2546113

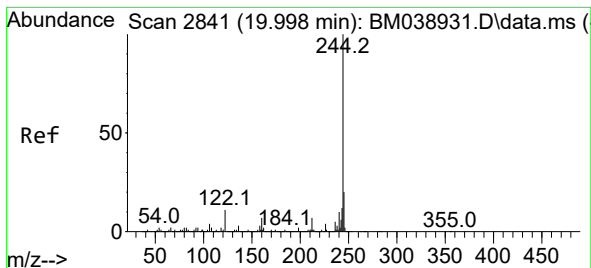
Ion Ratio Lower Upper

202 100

200 21.0 17.1 25.7

203 17.6 14.1 21.1





#79

Terphenyl-d14

Concen: 48.163 ng

RT: 19.956 min Scan# 2

Delta R.T. -0.006 min

Lab File: BM039146.D

Acq: 24 Mar 2023 17:51

Instrument :

BNA_M

ClientSampleId :

R-PITMSD

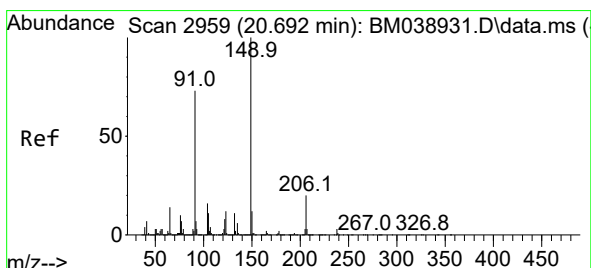
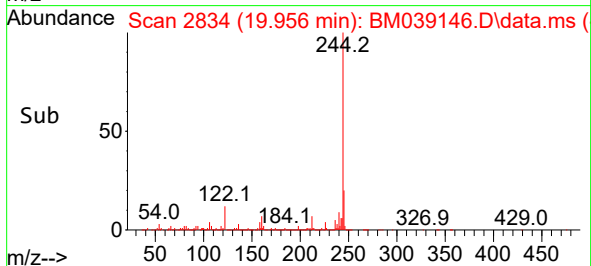
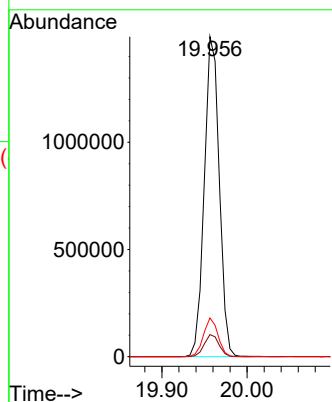
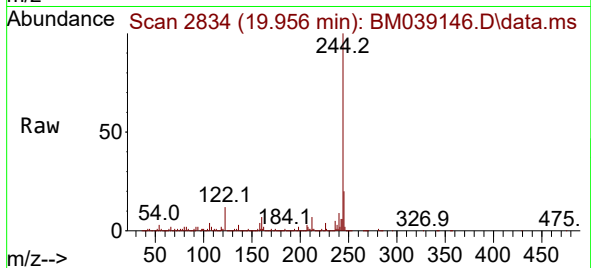
Tgt Ion:244 Resp: 1822571

Ion Ratio Lower Upper

244 100

212 6.9 5.5 8.3

122 12.1 9.0 13.4



#80

Butylbenzylphthalate

Concen: 47.117 ng

RT: 20.656 min Scan# 2953

Delta R.T. 0.000 min

Lab File: BM039146.D

Acq: 24 Mar 2023 17:51

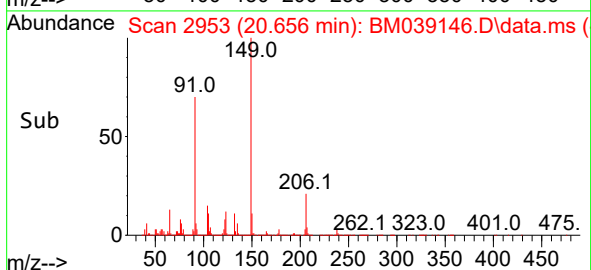
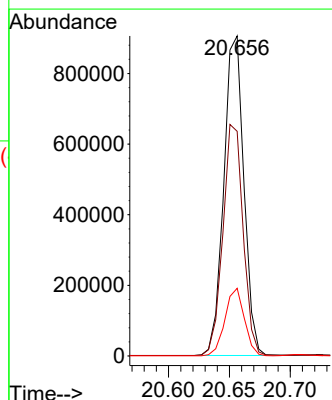
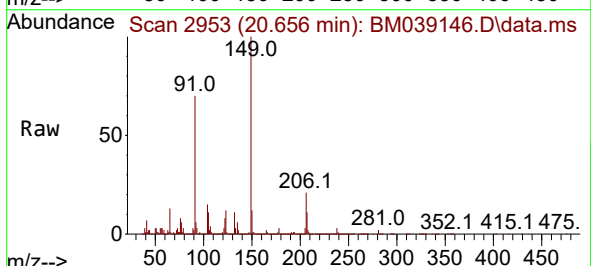
Tgt Ion:149 Resp: 1039661

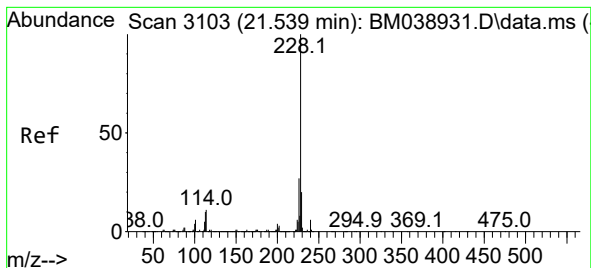
Ion Ratio Lower Upper

149 100

91 70.2 58.4 87.6

206 21.2 16.1 24.1





#81

Benzo(a)anthracene

Concen: 45.404 ng

RT: 21.503 min Scan# 3097

Delta R.T. -0.006 min

Lab File: BM039146.D

Acq: 24 Mar 2023 17:51

Instrument :

BNA_M

ClientSampleId :

R-PITMSD

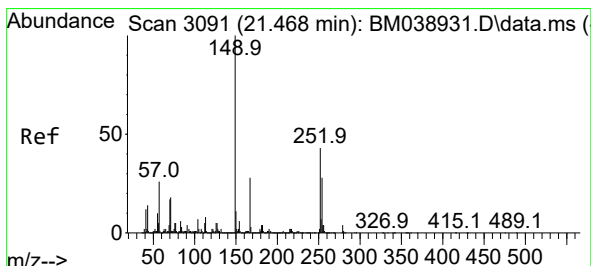
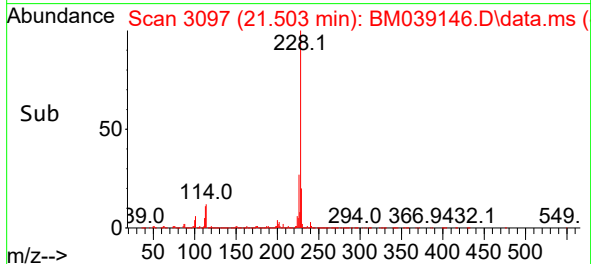
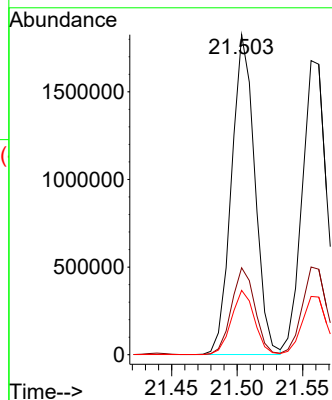
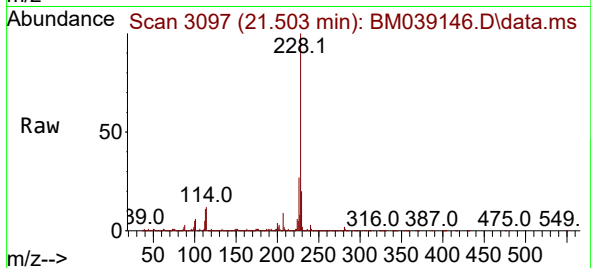
Tgt Ion:228 Resp: 2262257

Ion Ratio Lower Upper

228 100

226 27.2 21.4 32.2

229 20.1 15.7 23.5



#82

3,3'-Dichlorobenzidine

Concen: 40.165 ng

RT: 21.439 min Scan# 3086

Delta R.T. -0.006 min

Lab File: BM039146.D

Acq: 24 Mar 2023 17:51

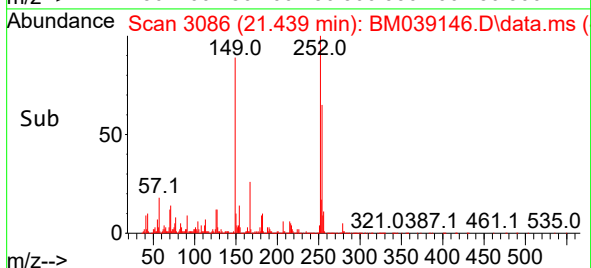
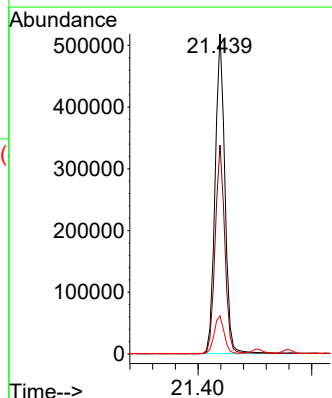
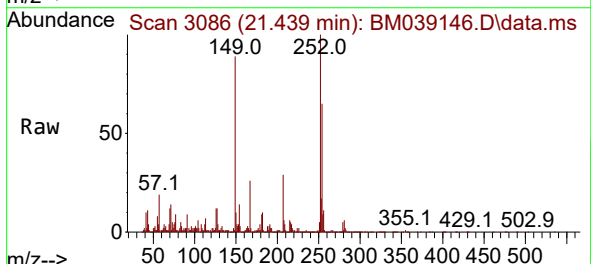
Tgt Ion:252 Resp: 615054

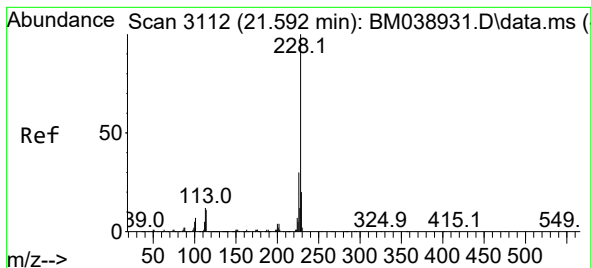
Ion Ratio Lower Upper

252 100

254 65.3 51.5 77.3

126 11.9 9.9 14.9





#83

Chrysene

Concen: 44.902 ng

RT: 21.556 min Scan# 3112

Delta R.T. -0.006 min

Lab File: BM039146.D

Acq: 24 Mar 2023 17:51

Instrument :

BNA_M

ClientSampleId :

R-PITMSD

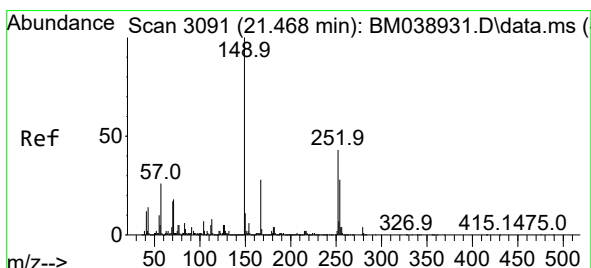
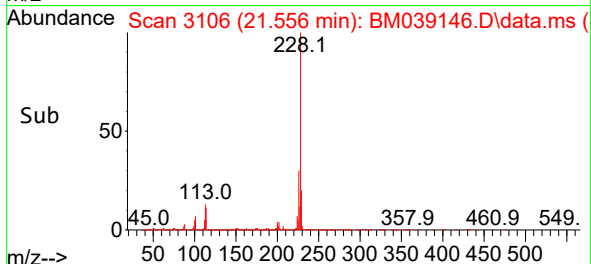
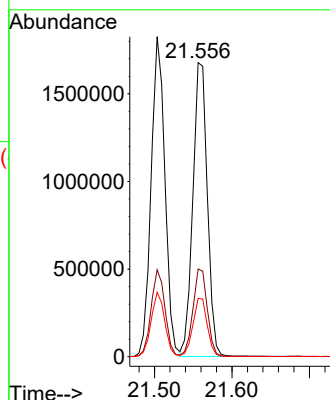
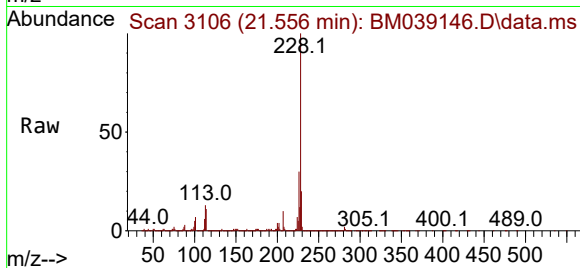
Tgt Ion:228 Resp: 2175911

Ion Ratio Lower Upper

228 100

226 29.8 24.0 36.0

229 19.8 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.324 ng

RT: 21.427 min Scan# 3084

Delta R.T. -0.006 min

Lab File: BM039146.D

Acq: 24 Mar 2023 17:51

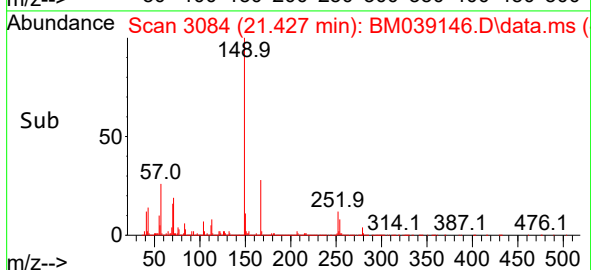
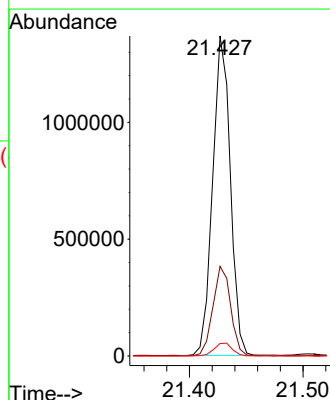
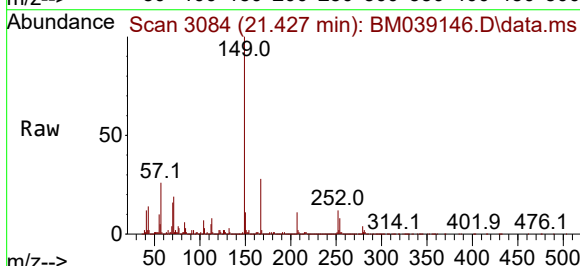
Tgt Ion:149 Resp: 1477010

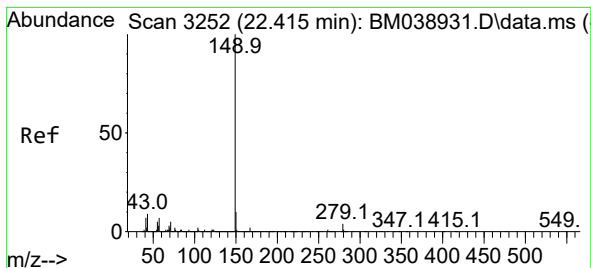
Ion Ratio Lower Upper

149 100

167 28.0 22.3 33.5

279 3.9 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 48.369 ng

RT: 22.362 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM039146.D

Acq: 24 Mar 2023 17:51

Instrument :

BNA_M

ClientSampleId :

R-PITMSD

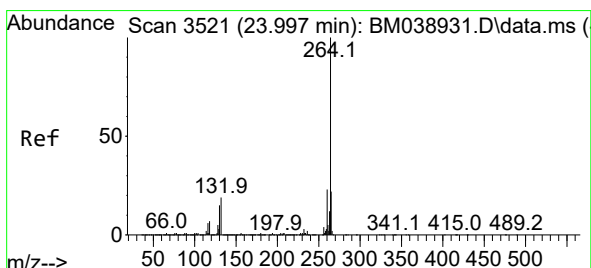
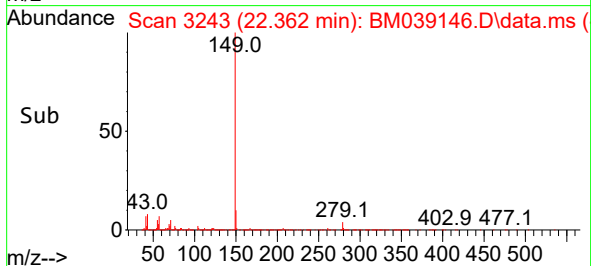
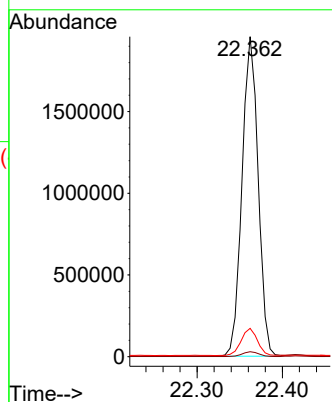
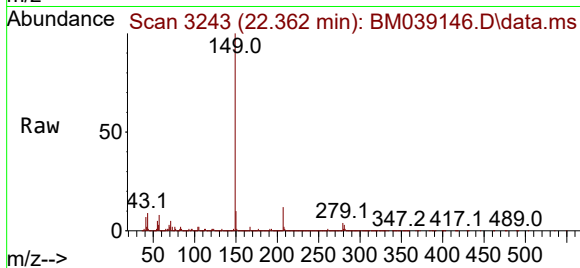
Tgt Ion:149 Resp: 2566086

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 8.5 7.4 11.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.944 min Scan# 3512

Delta R.T. -0.012 min

Lab File: BM039146.D

Acq: 24 Mar 2023 17:51

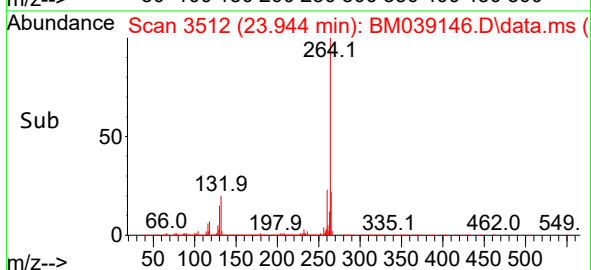
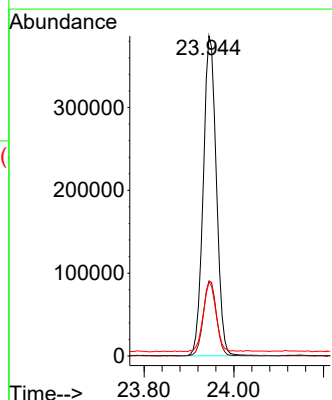
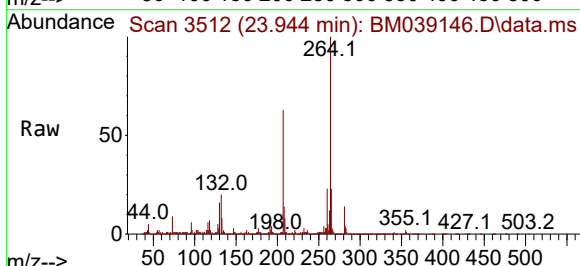
Tgt Ion:264 Resp: 781653

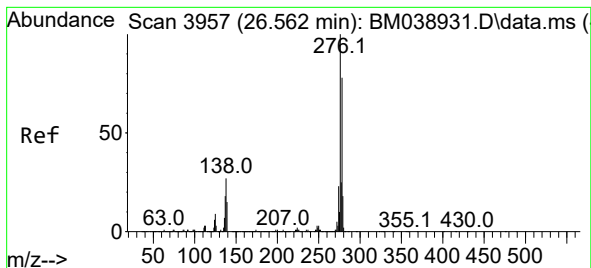
Ion Ratio Lower Upper

264 100

260 23.5 18.7 28.1

265 23.1 17.9 26.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 52.676 ng

RT: 26.480 min Scan# 3943

Delta R.T. -0.012 min

Lab File: BM039146.D

Acq: 24 Mar 2023 17:51

Instrument :

BNA_M

ClientSampleId :

R-PITMSD

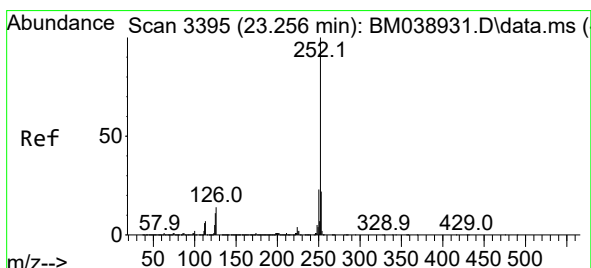
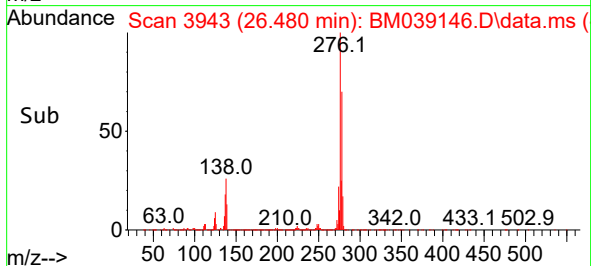
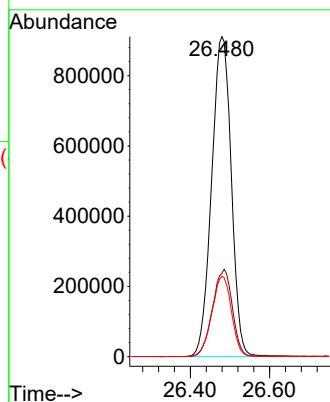
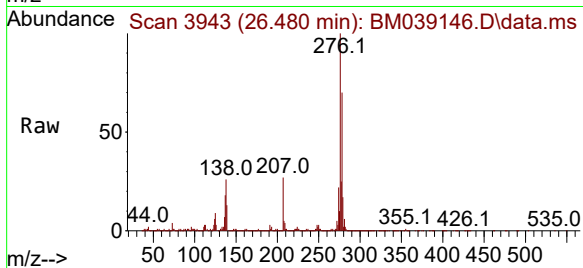
Tgt Ion:276 Resp: 3133044

Ion Ratio Lower Upper

276 100

138 27.5 22.1 33.1

277 25.0 20.1 30.1



#88

Benzo(b)fluoranthene

Concen: 46.674 ng

RT: 23.209 min Scan# 3387

Delta R.T. -0.006 min

Lab File: BM039146.D

Acq: 24 Mar 2023 17:51

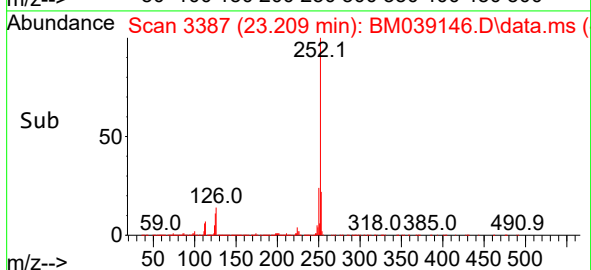
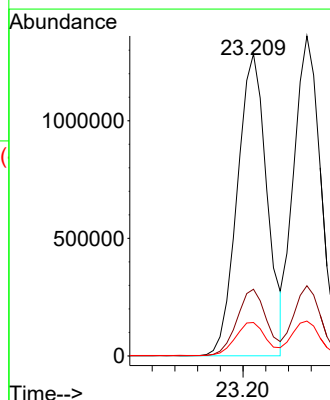
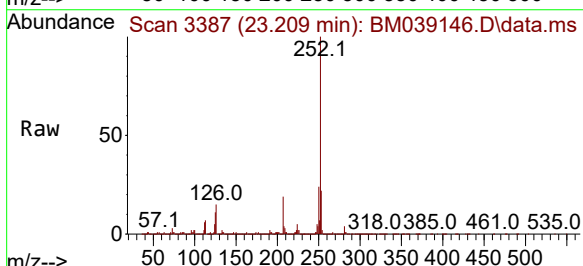
Tgt Ion:252 Resp: 2330784

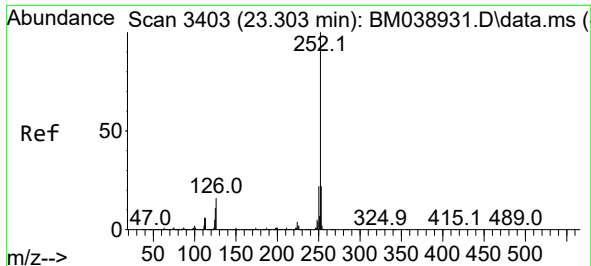
Ion Ratio Lower Upper

252 100

253 22.1 17.6 26.4

125 11.1 8.8 13.2

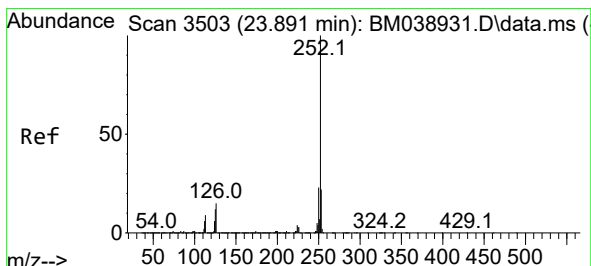
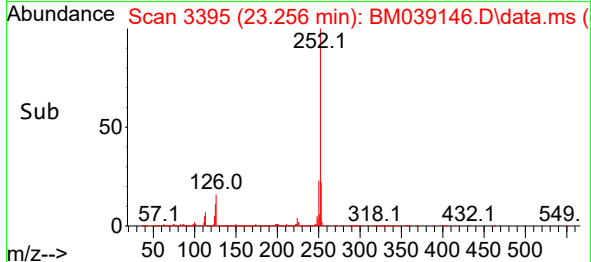
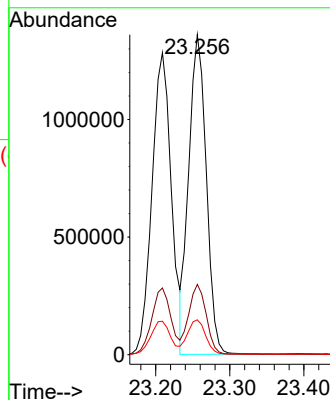
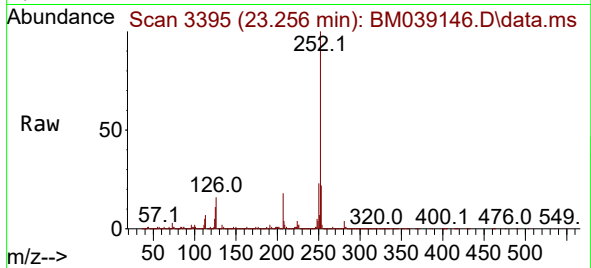




#89
Benzo(k)fluoranthene
Concen: 42.990 ng
RT: 23.256 min Scan# 31
Delta R.T. -0.012 min
Lab File: BM039146.D
Acq: 24 Mar 2023 17:51

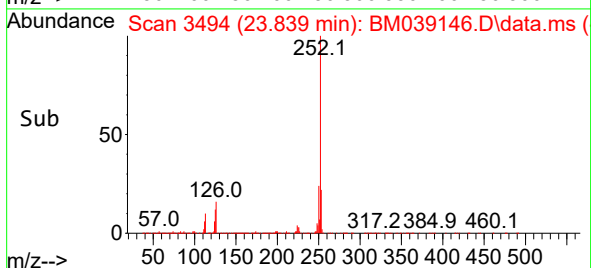
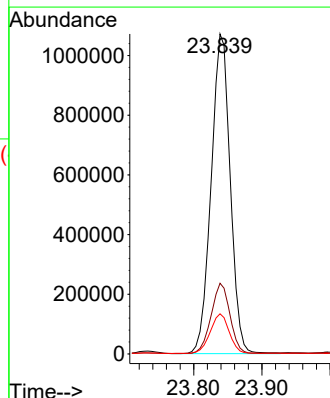
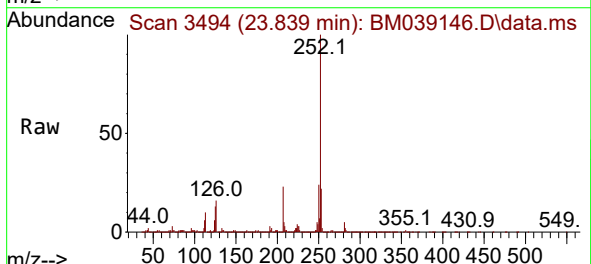
Instrument :
BNA_M
ClientSampleId :
R-PITMSD

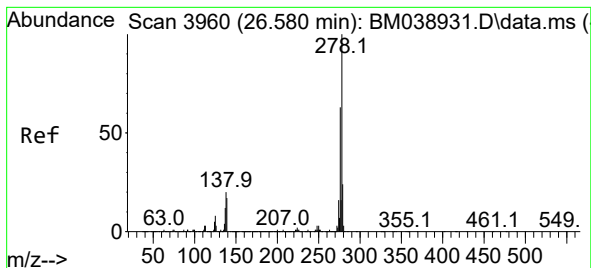
Tgt Ion:252 Resp: 2234193
Ion Ratio Lower Upper
252 100
253 22.0 17.5 26.3
125 10.9 8.9 13.3



#90
Benzo(a)pyrene
Concen: 43.366 ng
RT: 23.839 min Scan# 3494
Delta R.T. -0.012 min
Lab File: BM039146.D
Acq: 24 Mar 2023 17:51

Tgt Ion:252 Resp: 2084182
Ion Ratio Lower Upper
252 100
253 22.1 17.6 26.4
125 12.6 9.8 14.8





#91

Dibenzo(a,h)anthracene

Concen: 51.800 ng

RT: 26.497 min Scan# 3960

Delta R.T. -0.012 min

Lab File: BM039146.D

Acq: 24 Mar 2023 17:51

Instrument :

BNA_M

ClientSampleId :

R-PITMSD

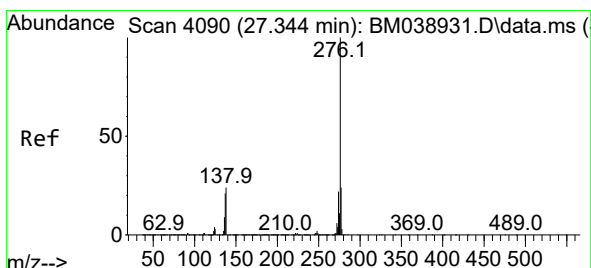
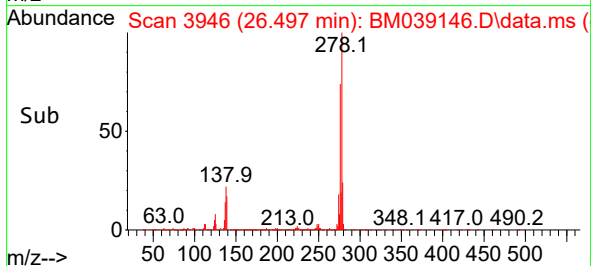
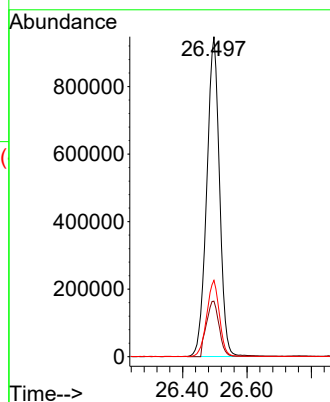
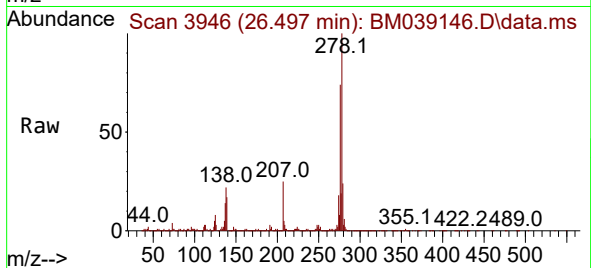
Tgt Ion:278 Resp: 2609218

Ion Ratio Lower Upper

278 100

139 17.4 13.7 20.5

279 23.8 18.9 28.3



#92

Benzo(g,h,i)perylene

Concen: 53.903 ng

RT: 27.256 min Scan# 4075

Delta R.T. -0.018 min

Lab File: BM039146.D

Acq: 24 Mar 2023 17:51

Tgt Ion:276 Resp: 2656391

Ion Ratio Lower Upper

276 100

277 24.0 19.3 28.9

138 24.9 19.0 28.6

