

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032423\
 Data File : BM039145.D
 Acq On : 24 Mar 2023 17:13
 Operator : CG/JU
 Sample : 02047-01MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 R-PITMS

Quant Time: Mar 25 01:05:52 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	285758	20.000	ng	0.00
21) Naphthalene-d8	10.763	136	1084512	20.000	ng	0.00
39) Acenaphthene-d10	14.598	164	548352	20.000	ng	0.00
64) Phenanthrene-d10	17.339	188	979248	20.000	ng	0.00
76) Chrysene-d12	21.521	240	730737	20.000	ng	0.00
86) Perylene-d12	23.944	264	795514	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	1334794	70.967	ng	0.00
7) Phenol-d6	7.122	99	1688841	69.128	ng	0.00
23) Nitrobenzene-d5	9.122	82	1052131	47.654	ng	0.00
42) 2,4,6-Tribromophenol	16.086	330	426314	67.204	ng	0.00
45) 2-Fluorobiphenyl	13.222	172	1991052	47.268	ng	0.00
79) Terphenyl-d14	19.956	244	1952818	48.860	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.375	88	333448	39.850	ng	99
3) Pyridine	3.787	79	828287	35.692	ng	99
4) n-Nitrosodimethylamine	3.693	42	388367	41.126	ng	92
6) Aniline	7.275	93	1032286	32.181	ng	99
8) 2-Chlorophenol	7.516	128	952342	47.560	ng	98
9) Benzaldehyde	7.087	77	633245	54.470	ng	97
10) Phenol	7.145	94	1189220	45.838	ng	98
11) bis(2-Chloroethyl)ether	7.375	93	937551	44.448	ng	98
12) 1,3-Dichlorobenzene	7.840	146	1023447	48.094	ng	98
13) 1,4-Dichlorobenzene	7.987	146	1035102	47.827	ng	99
14) 1,2-Dichlorobenzene	8.304	146	992478	47.607	ng	98
15) Benzyl Alcohol	8.198	79	804921	45.967	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.492	45	1173335	44.045	ng	99
17) 2-Methylphenol	8.404	107	764471	42.895	ng	98
18) Hexachloroethane	9.034	117	392701	49.179	ng	96
19) n-Nitroso-di-n-propyla...	8.769	70	676622	43.971	ng	98
20) 3+4-Methylphenols	8.734	107	1021860	42.942	ng	99
22) Acetophenone	8.787	105	1384876	45.514	ng	# 98
24) Nitrobenzene	9.163	77	1005391	43.325	ng	98
25) Isophorone	9.692	82	1809348	44.533	ng	100
26) 2-Nitrophenol	9.875	139	499169	48.671	ng	95
27) 2,4-Dimethylphenol	9.939	122	827937	46.768	ng	100
28) bis(2-Chloroethoxy)met...	10.175	93	1137574	43.576	ng	100
29) 2,4-Dichlorophenol	10.416	162	789124	47.017	ng	98
30) 1,2,4-Trichlorobenzene	10.628	180	858432	46.804	ng	99
31) Naphthalene	10.816	128	2712172	43.857	ng	99
32) Benzoic acid	10.086	122	606089	46.822	ng	99
33) 4-Chloroaniline	10.928	127	283653	10.763	ng	99
34) Hexachlorobutadiene	11.098	225	494526	47.018	ng	99
35) Caprolactam	11.728	113	233130	45.638	ng	95
36) 4-Chloro-3-methylphenol	12.057	107	791916	44.310	ng	100
37) 2-Methylnaphthalene	12.422	142	1754460	42.328	ng	99
38) 1-Methylnaphthalene	12.645	142	1638049	42.171	ng	99
40) 1,2,4,5-Tetrachloroben...	12.792	216	869720	48.788	ng	99
41) Hexachlorocyclopentadiene	12.769	237	1186616	121.266	ng	99
43) 2,4,6-Trichlorophenol	13.033	196	569266	49.314	ng	100

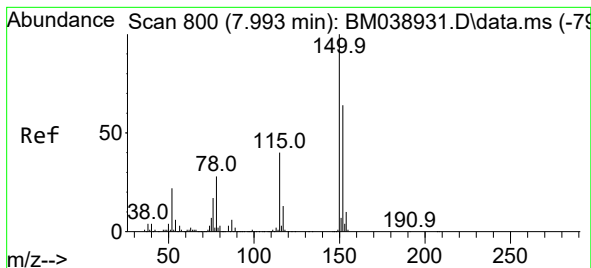
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.104	196	602025	44.555	ng	97
46) 1,1'-Biphenyl	13.433	154	2168346	46.676	ng	98
47) 2-Chloronaphthalene	13.474	162	1658182	47.336	ng	99
48) 2-Nitroaniline	13.680	65	488383	43.750	ng	93
49) Acenaphthylene	14.322	152	2521604	45.191	ng	100
50) Dimethylphthalate	14.057	163	1832009	43.418	ng	100
51) 2,6-Dinitrotoluene	14.174	165	405220	43.561	ng	96
52) Acenaphthene	14.663	154	1484937	43.303	ng	99
53) 3-Nitroaniline	14.504	138	260043	24.638	ng	96
54) 2,4-Dinitrophenol	14.710	184	508681	93.877	ng	92
55) Dibenzofuran	14.992	168	2309270	43.034	ng	99
56) 4-Nitrophenol	14.816	139	754565	90.042	ng	97
57) 2,4-Dinitrotoluene	14.963	165	532020	43.524	ng	94
58) Fluorene	15.645	166	1783838	42.438	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.221	232	474695	45.553	ng	97
60) Diethylphthalate	15.416	149	1755896	42.768	ng	99
61) 4-Chlorophenyl-phenyle...	15.633	204	875780	42.410	ng	99
62) 4-Nitroaniline	15.668	138	420738	38.261	ng	97
63) Azobenzene	15.927	77	1893216	43.580	ng	97
65) 4,6-Dinitro-2-methylph...	15.721	198	303708	47.279	ng	95
66) n-Nitrosodiphenylamine	15.851	169	1507096	45.652	ng	99
67) 4-Bromophenyl-phenylether	16.527	248	503696	47.622	ng	98
68) Hexachlorobenzene	16.645	284	569190	48.139	ng	99
69) Atrazine	16.804	200	467976	51.898	ng	98
70) Pentachlorophenol	16.992	266	727672	83.674	ng	99
71) Phenanthrene	17.386	178	2585986	44.995	ng	99
72) Anthracene	17.474	178	2579737	45.010	ng	100
73) Carbazole	17.745	167	2331478	44.571	ng	100
74) Di-n-butylphthalate	18.309	149	2792469	43.927	ng	99
75) Fluoranthene	19.398	202	2615356	43.099	ng	99
77) Benzidine	19.580	184	1063001	62.212	ng	98
78) Pyrene	19.756	202	2693919	49.084	ng	100
80) Butylbenzylphthalate	20.656	149	1124412	48.169	ng	96
81) Benzo(a)anthracene	21.503	228	2433227	46.238	ng	99
82) 3,3'-Dichlorobenzidine	21.439	252	641835	39.685	ng	99
83) Chrysene	21.556	228	2272248	44.396	ng	100
84) Bis(2-ethylhexyl)phtha...	21.427	149	1582494	46.957	ng	100
85) Di-n-octyl phthalate	22.362	149	2673703	47.769	ng	98
87) Indeno(1,2,3-cd)pyrene	26.480	276	3128158	51.677	ng	100
88) Benzo(b)fluoranthene	23.209	252	2395925	47.143	ng	100
89) Benzo(k)fluoranthene	23.256	252	2295187	43.394	ng	100
90) Benzo(a)pyrene	23.839	252	2132852	43.605	ng	100
91) Dibenzo(a,h)anthracene	26.497	278	2588798	50.499	ng	99
92) Benzo(g,h,i)perylene	27.262	276	2652131	52.879	ng	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 7.951 min Scan# 79

Delta R.T. 0.000 min

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BNA_M

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R-PITMS

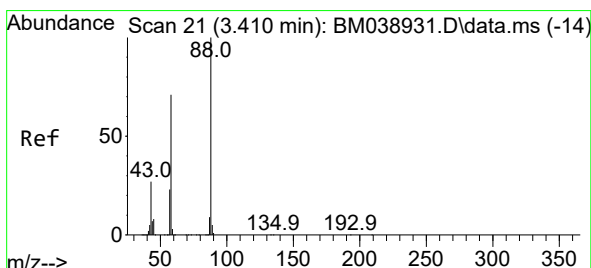
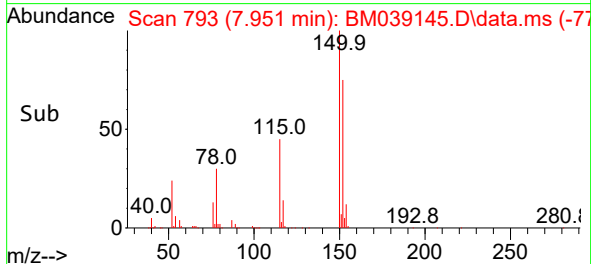
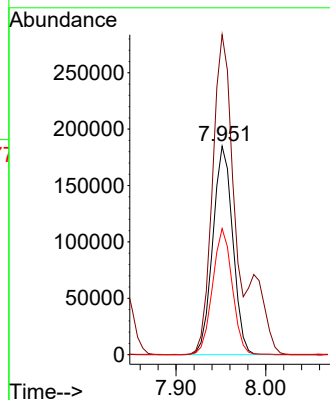
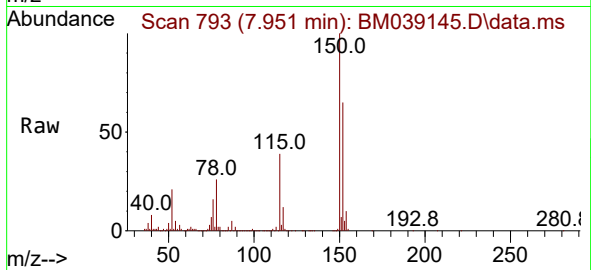
Tgt Ion:152 Resp: 285758

Ion Ratio Lower Upper

152 100

150 153.5 125.1 187.7

115 60.5 49.6 74.4



#2

1,4-Dioxane

Concen: 39.850 ng

RT: 3.375 min Scan# 15

Delta R.T. 0.006 min

Lab File: BM039145.D

Acq: 24 Mar 2023 17:13

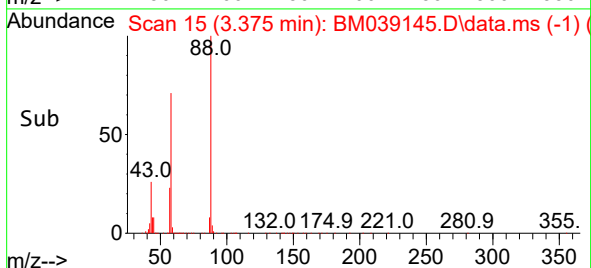
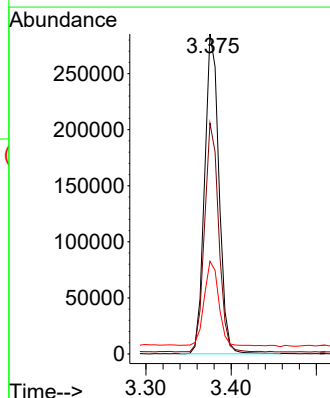
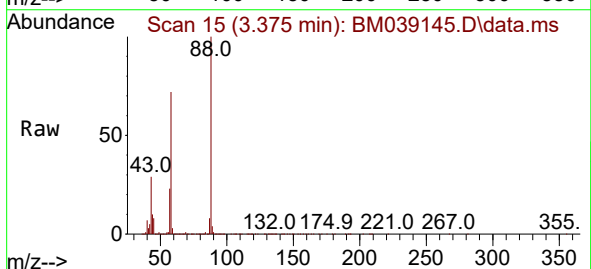
Tgt Ion: 88 Resp: 333448

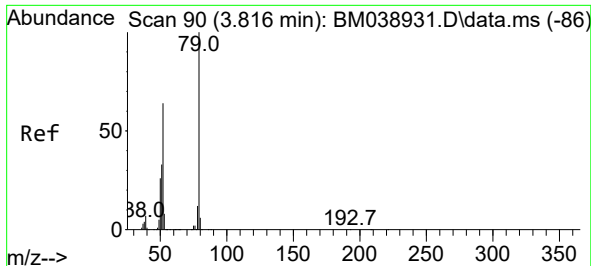
Ion Ratio Lower Upper

88 100

58 70.8 57.2 85.8

43 26.7 22.0 33.0

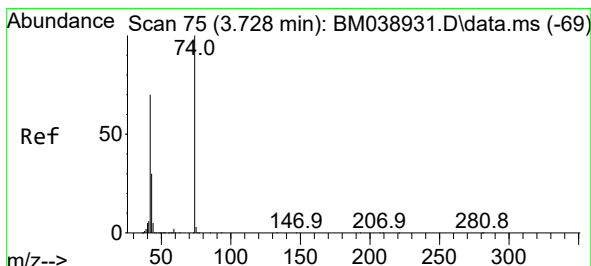
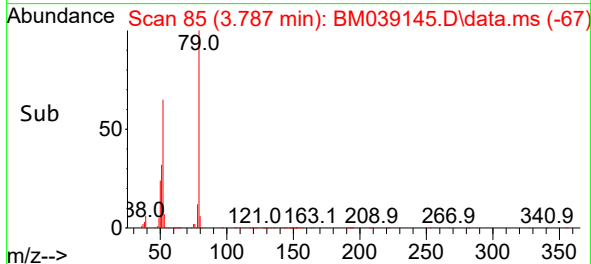
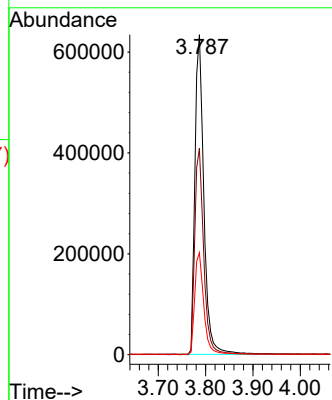
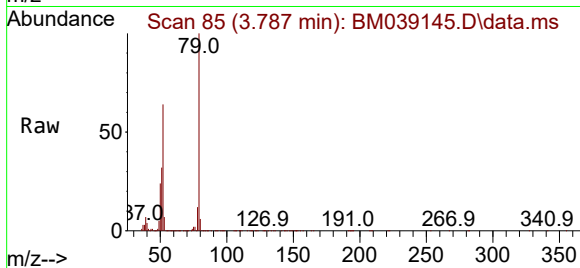




#3
 Pyridine
 Concen: 35.692 ng
 RT: 3.787 min Scan# 81
 Delta R.T. 0.006 min
 Lab File: BM039145.D
 Acq: 24 Mar 2023 17:13

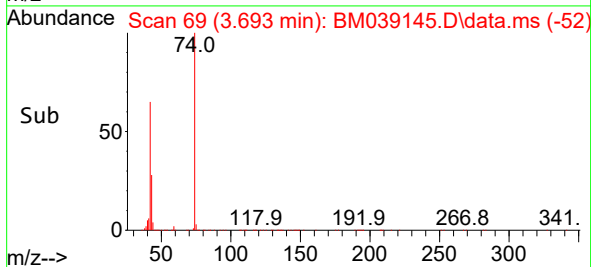
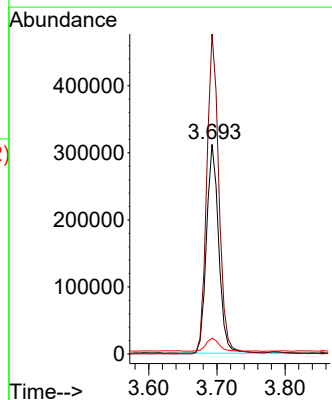
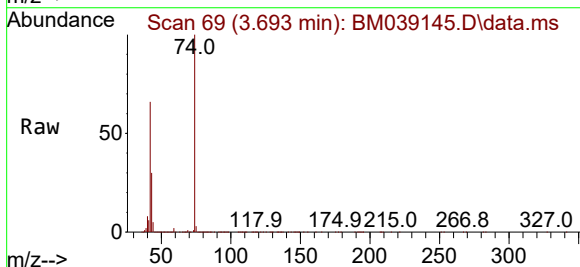
Instrument :
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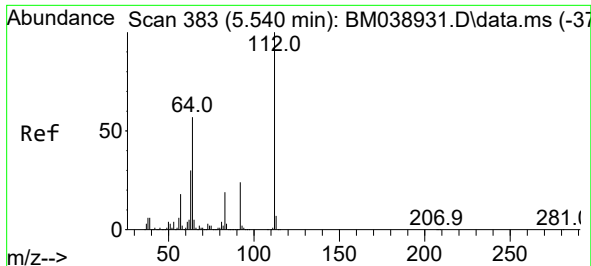
Tgt Ion: 79 Resp: 828287
 Ion Ratio Lower Upper
 79 100
 52 64.5 51.4 77.2
 51 31.9 26.6 40.0



#4
 n-Nitrosodimethylamine
 Concen: 41.126 ng
 RT: 3.693 min Scan# 69
 Delta R.T. 0.000 min
 Lab File: BM039145.D
 Acq: 24 Mar 2023 17:13

Tgt Ion: 42 Resp: 388367
 Ion Ratio Lower Upper
 42 100
 74 152.6 113.8 170.8
 44 7.4 6.2 9.2

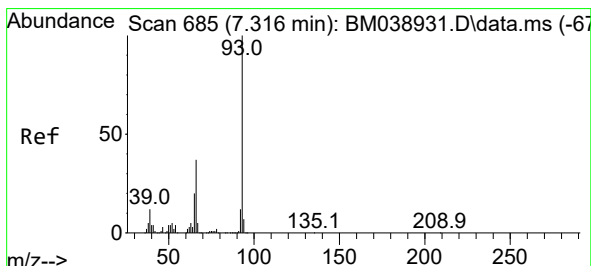
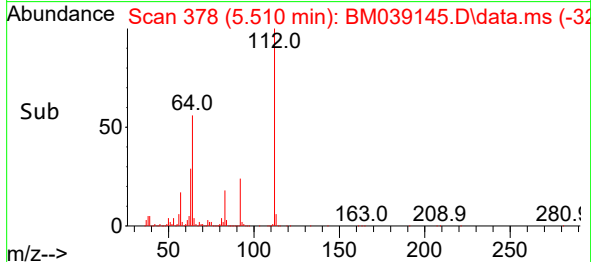
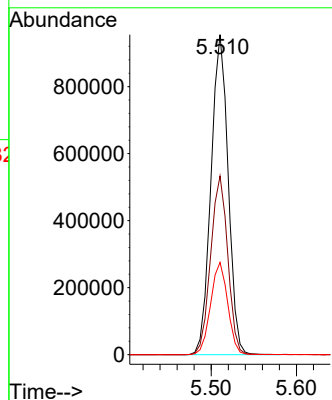
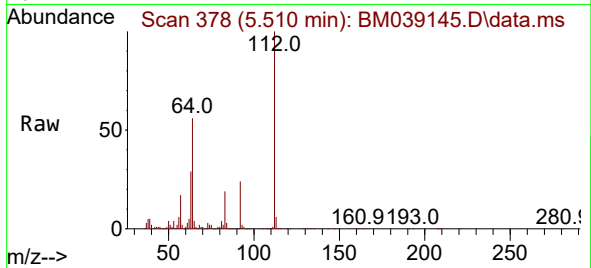




#5
2-Fluorophenol
Concen: 70.967 ng
RT: 5.510 min Scan# 31
Delta R.T. 0.006 min
Lab File: BM039145.D
Acq: 24 Mar 2023 17:13

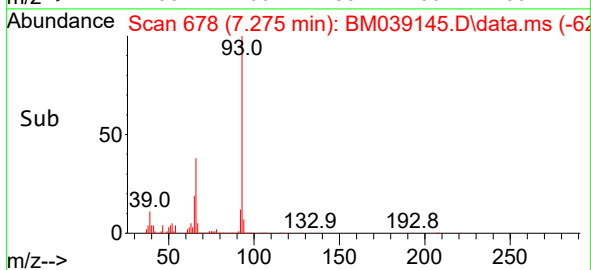
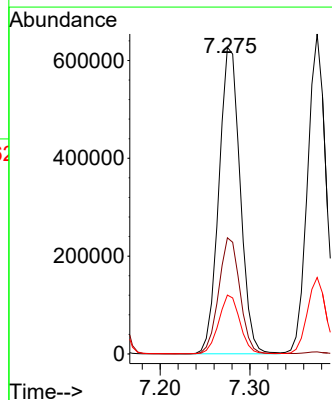
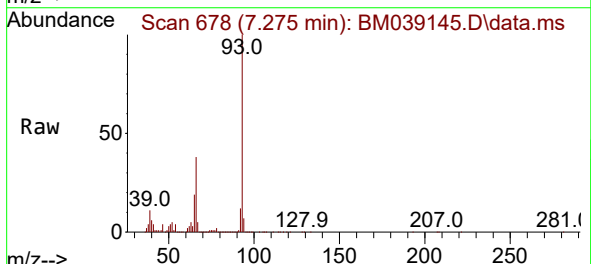
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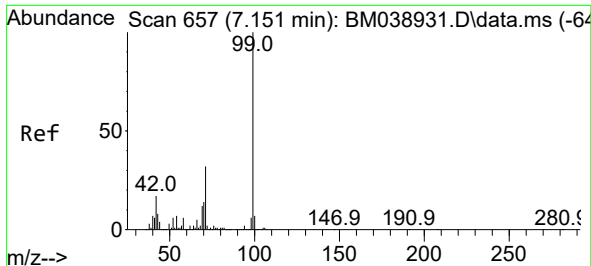
Tgt Ion:112 Resp: 1334794
Ion Ratio Lower Upper
112 100
64 55.8 45.9 68.9
63 28.9 23.8 35.8



#6
Aniline
Concen: 32.181 ng
RT: 7.275 min Scan# 678
Delta R.T. -0.006 min
Lab File: BM039145.D
Acq: 24 Mar 2023 17:13

Tgt Ion: 93 Resp: 1032286
Ion Ratio Lower Upper
93 100
66 37.8 30.0 45.0
65 19.2 15.8 23.6

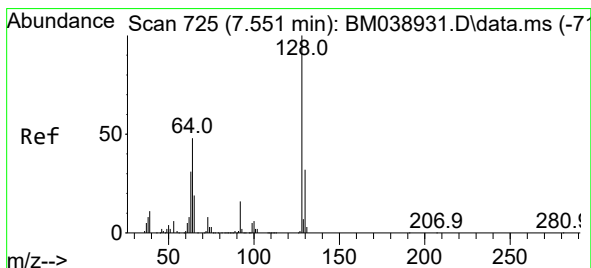
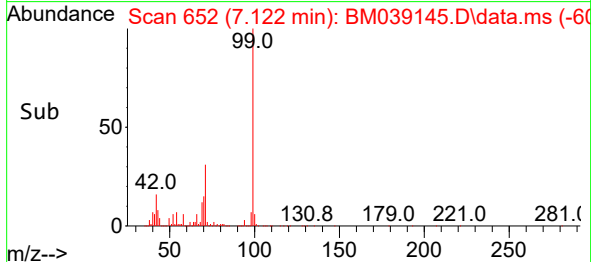
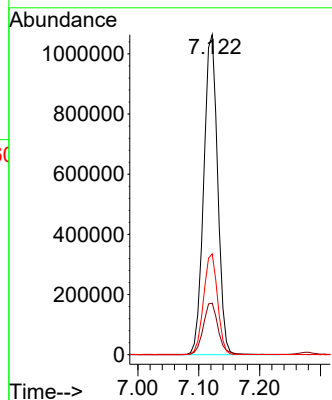
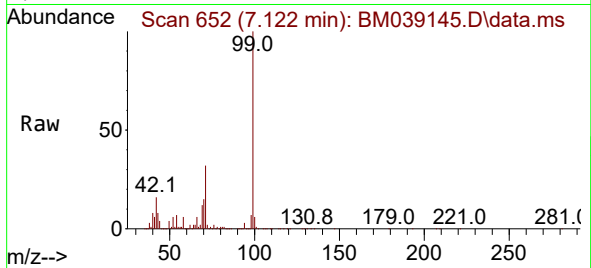




#7
Phenol-d6
Concen: 69.128 ng
RT: 7.122 min Scan# 611
Delta R.T. 0.006 min
Lab File: BM039145.D
Acq: 24 Mar 2023 17:13

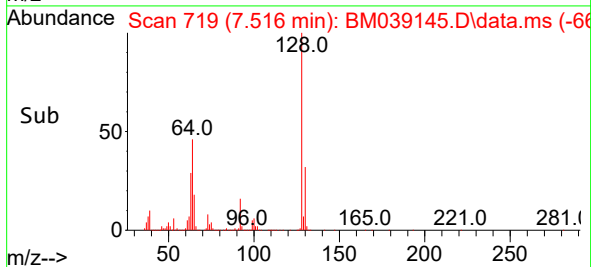
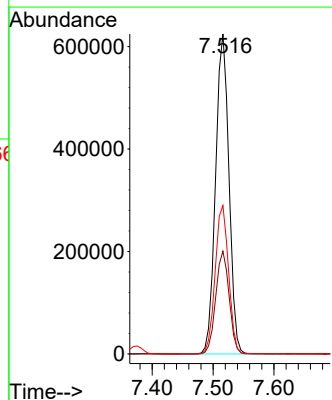
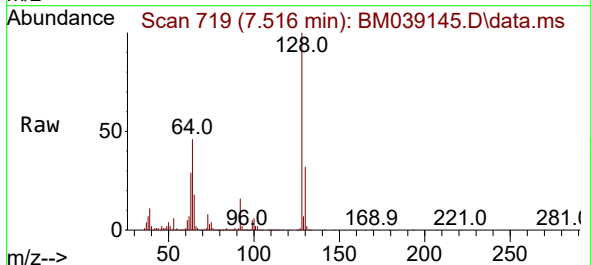
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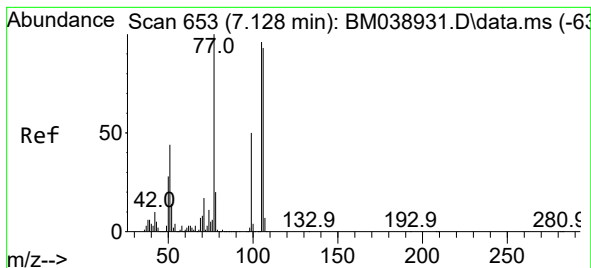
Tgt Ion: 99 Resp: 1688841
Ion Ratio Lower Upper
99 100
42 16.1 13.5 20.3
71 31.5 25.6 38.4



#8
2-Chlorophenol
Concen: 47.560 ng
RT: 7.516 min Scan# 719
Delta R.T. 0.000 min
Lab File: BM039145.D
Acq: 24 Mar 2023 17:13

Tgt Ion:128 Resp: 952342
Ion Ratio Lower Upper
128 100
130 32.1 11.9 51.9
64 46.4 28.6 68.6





#9

Benzaldehyde

Concen: 54.470 ng

RT: 7.087 min Scan# 64

Delta R.T. 0.000 min

Lab File: BM039145.D

Acq: 24 Mar 2023 17:13

Instrument :

BNA_M

ClientSampleId :

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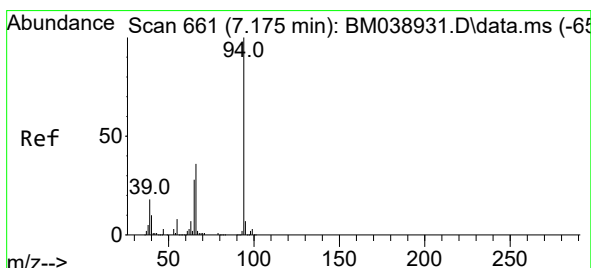
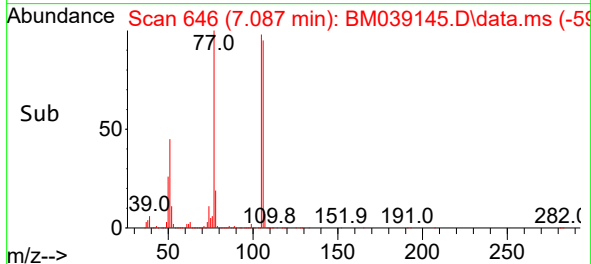
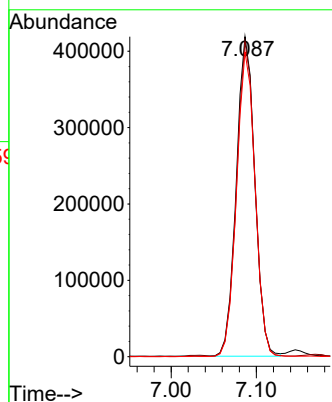
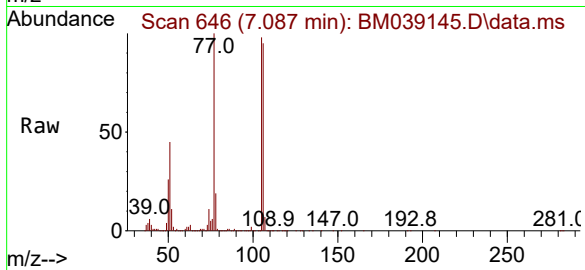
Tgt Ion: 77 Resp: 633245

Ion Ratio Lower Upper

77 100

105 98.4 75.8 115.8

106 95.2 72.6 112.6



#10

Phenol

Concen: 45.838 ng

RT: 7.145 min Scan# 656

Delta R.T. 0.000 min

Lab File: BM039145.D

Acq: 24 Mar 2023 17:13

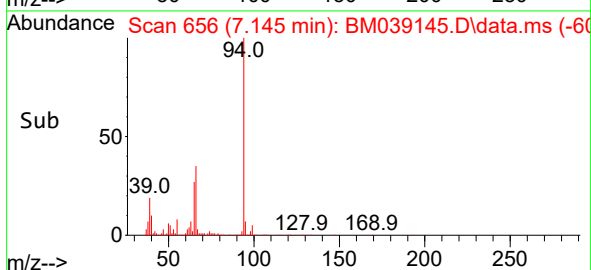
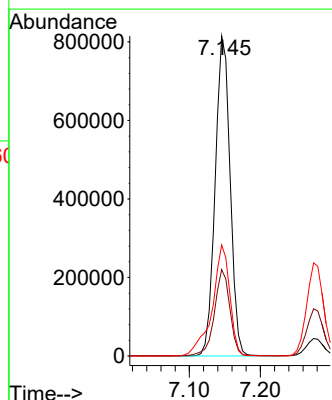
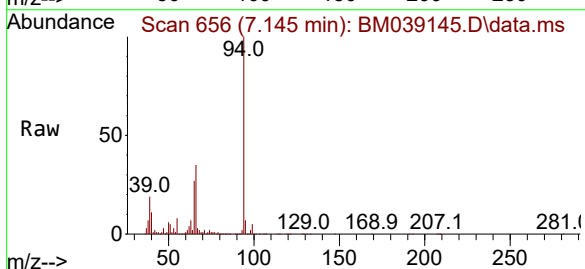
Tgt Ion: 94 Resp: 1189220

Ion Ratio Lower Upper

94 100

65 27.0 7.9 47.9

66 34.7 15.8 55.8

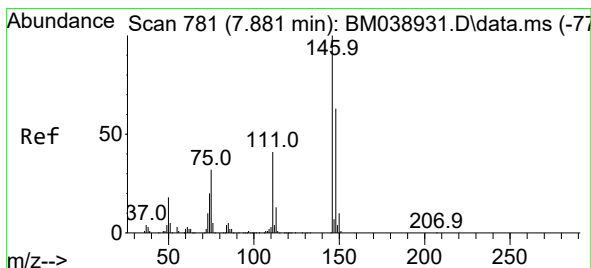
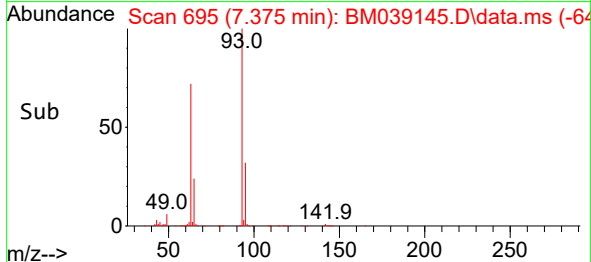
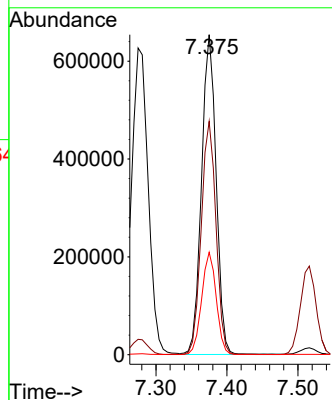
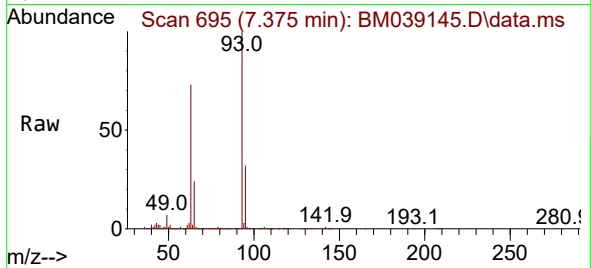




#11
bis(2-Chloroethyl)ether
Concen: 44.448 ng
RT: 7.375 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM039145.D
Acq: 24 Mar 2023 17:13

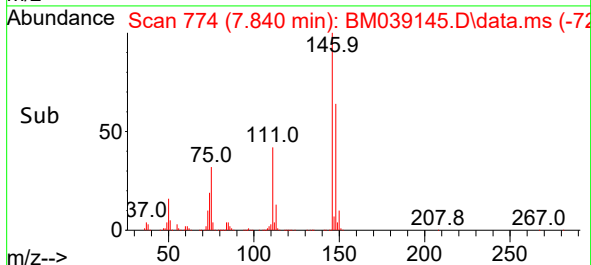
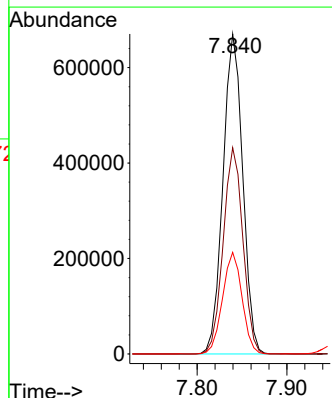
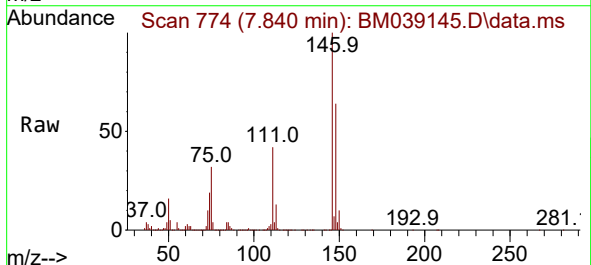
Instrument :
BNA_M
ClientSampleId :
R-PITMS

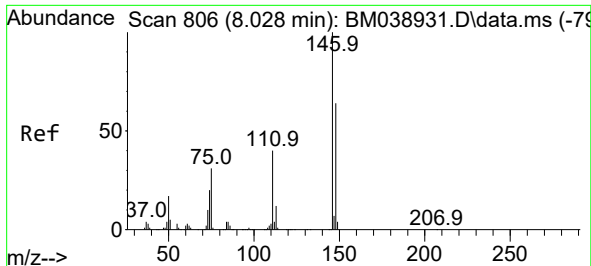
Tgt Ion: 93 Resp: 937551
Ion Ratio Lower Upper
93 100
63 72.9 55.8 95.8
95 32.0 12.2 52.2



#12
1,3-Dichlorobenzene
Concen: 48.094 ng
RT: 7.840 min Scan# 774
Delta R.T. 0.000 min
Lab File: BM039145.D
Acq: 24 Mar 2023 17:13

Tgt Ion: 146 Resp: 1023447
Ion Ratio Lower Upper
146 100
148 64.5 50.6 75.8
75 31.8 26.0 39.0

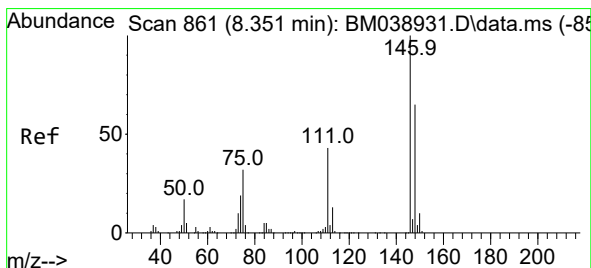
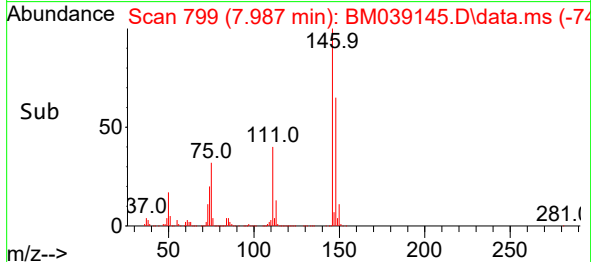
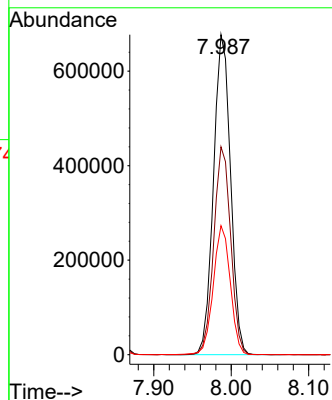
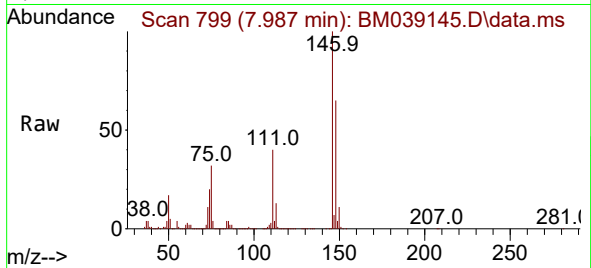




#13
1,4-Dichlorobenzene
Concen: 47.827 ng
RT: 7.987 min Scan# 79
Delta R.T. 0.000 min
Lab File: BM039145.D
Acq: 24 Mar 2023 17:13

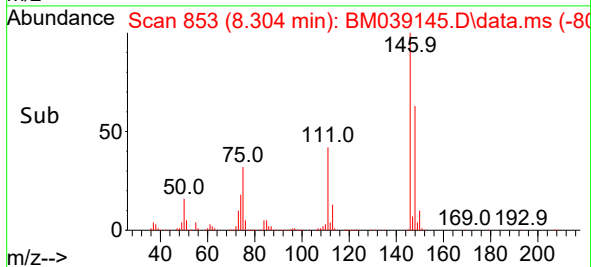
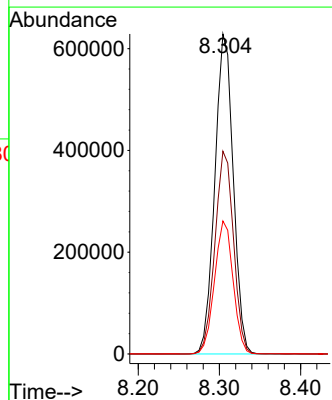
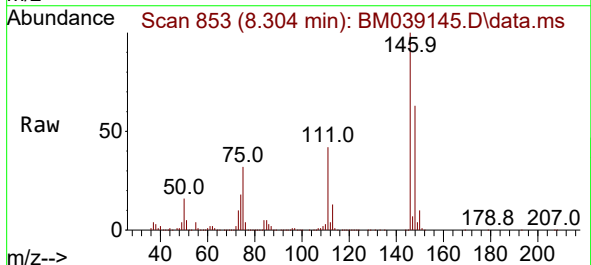
Instrument :
BNA_M
ClientSampleId :
R-PITMS

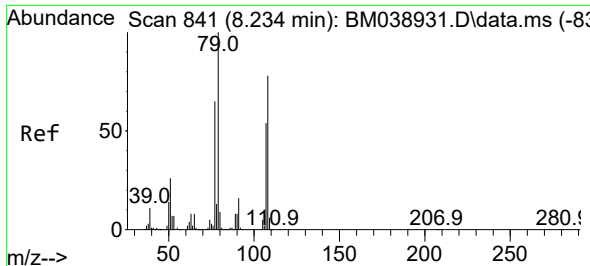
Tgt Ion:146 Resp: 1035102
Ion Ratio Lower Upper
146 100
148 64.9 51.0 76.4
111 40.3 32.2 48.4



#14
1,2-Dichlorobenzene
Concen: 47.607 ng
RT: 8.304 min Scan# 853
Delta R.T. -0.006 min
Lab File: BM039145.D
Acq: 24 Mar 2023 17:13

Tgt Ion:146 Resp: 992478
Ion Ratio Lower Upper
146 100
148 63.3 51.7 77.5
111 41.5 34.2 51.4

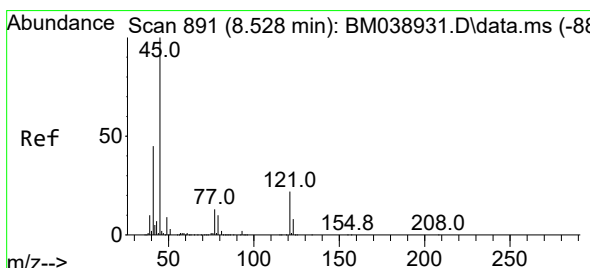
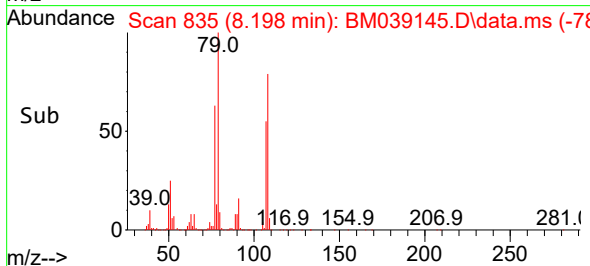
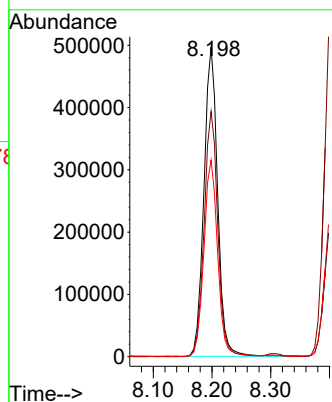
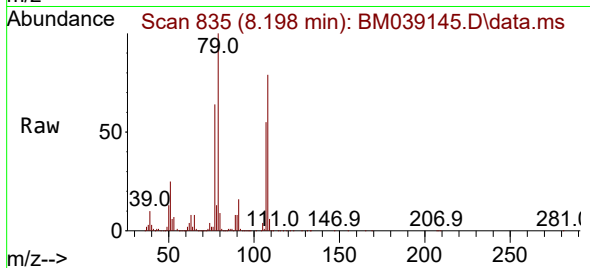




#15
Benzyl Alcohol
Concen: 45.967 ng
RT: 8.198 min Scan# 81
Delta R.T. 0.000 min
Lab File: BM039145.D
Acq: 24 Mar 2023 17:13

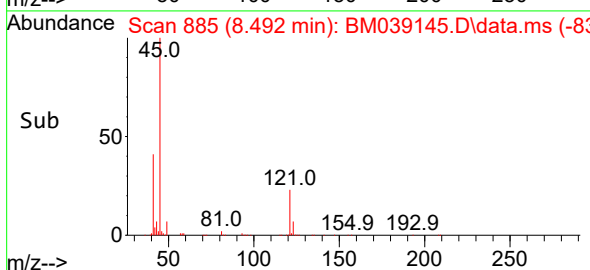
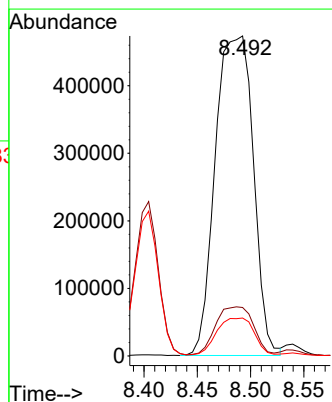
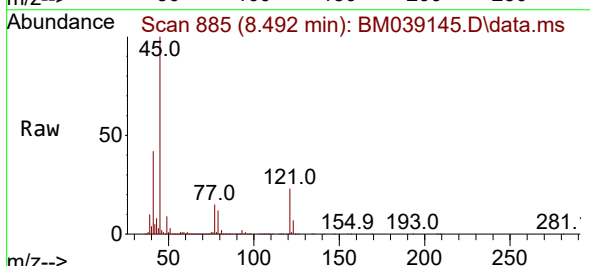
Instrument :
BNA_M
ClientSampleId :
R-PITMS

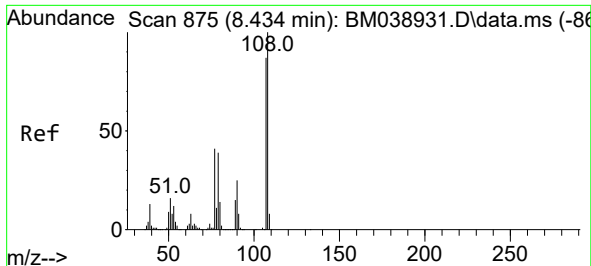
Tgt Ion: 79 Resp: 804921
Ion Ratio Lower Upper
79 100
108 79.2 62.4 93.6
77 63.5 52.2 78.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.045 ng
RT: 8.492 min Scan# 885
Delta R.T. 0.000 min
Lab File: BM039145.D
Acq: 24 Mar 2023 17:13

Tgt Ion: 45 Resp: 1173335
Ion Ratio Lower Upper
45 100
77 15.1 0.0 34.8
79 11.8 0.0 31.5

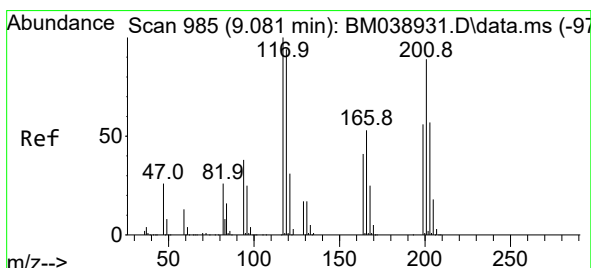
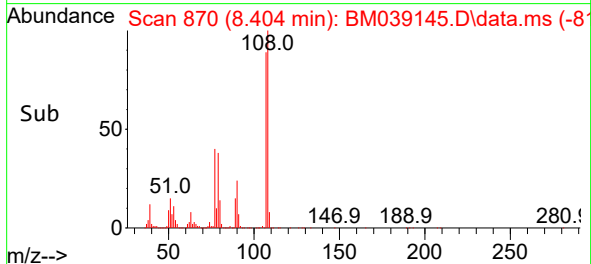
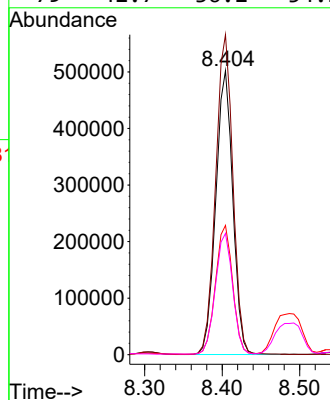
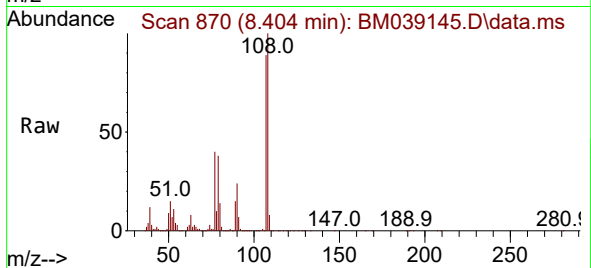




#17
2-Methylphenol
Concen: 42.895 ng
RT: 8.404 min Scan# 81
Delta R.T. 0.000 min
Lab File: BM039145.D
Acq: 24 Mar 2023 17:13

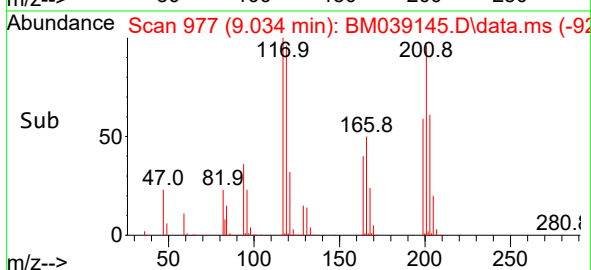
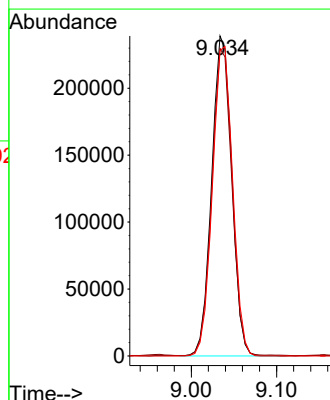
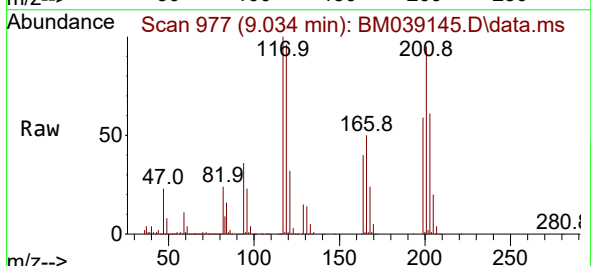
Instrument :
BNA_M
ClientSampleId :
R-PITMS

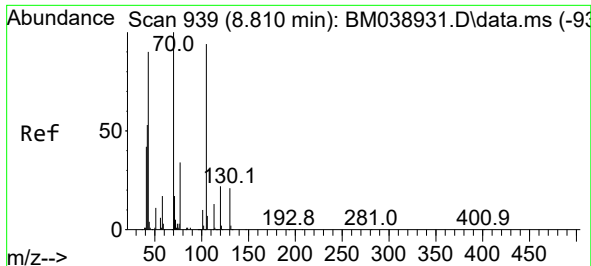
Tgt Ion:107 Resp: 764471
Ion Ratio Lower Upper
107 100
108 112.7 91.7 137.5
77 45.5 37.4 56.2
79 42.7 36.2 54.2



#18
Hexachloroethane
Concen: 49.179 ng
RT: 9.034 min Scan# 977
Delta R.T. -0.006 min
Lab File: BM039145.D
Acq: 24 Mar 2023 17:13

Tgt Ion:117 Resp: 392701
Ion Ratio Lower Upper
117 100
119 96.0 75.4 113.0
201 95.5 71.3 106.9





#19

n-Nitroso-di-n-propylamine

Concen: 43.971 ng

RT: 8.769 min Scan# 91

Delta R.T. 0.000 min

Lab File: BM039145.D

Acq: 24 Mar 2023 17:13

Instrument :

BNA_M

ClientSampleId :

R-PITMS

Tgt Ion: 70 Resp: 676622

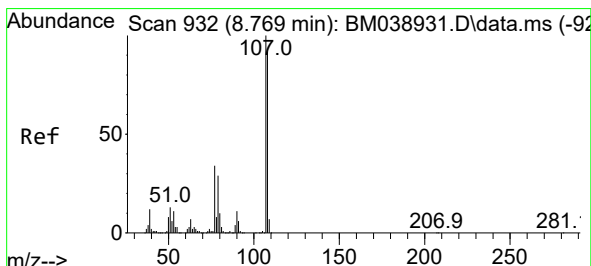
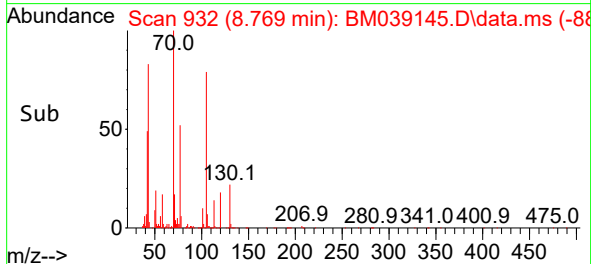
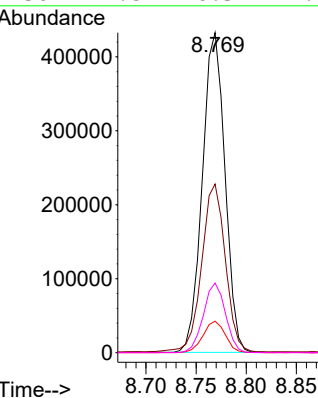
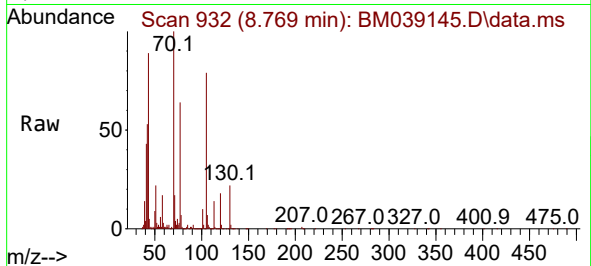
Ion Ratio Lower Upper

70 100

42 52.7 43.4 65.2

101 9.9 7.6 11.4

130 21.8 16.5 24.7



#20

3+4-Methylphenols

Concen: 42.942 ng

RT: 8.734 min Scan# 926

Delta R.T. 0.000 min

Lab File: BM039145.D

Acq: 24 Mar 2023 17:13

Tgt Ion: 107 Resp: 1021860

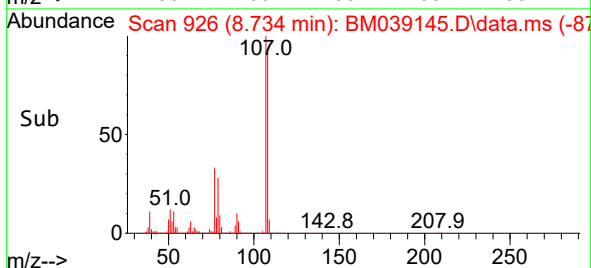
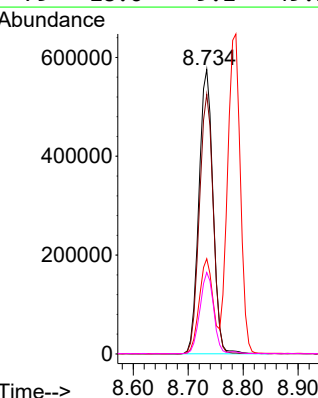
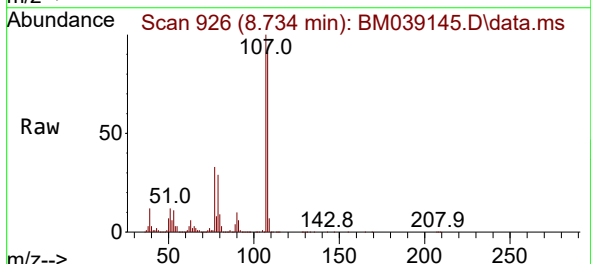
Ion Ratio Lower Upper

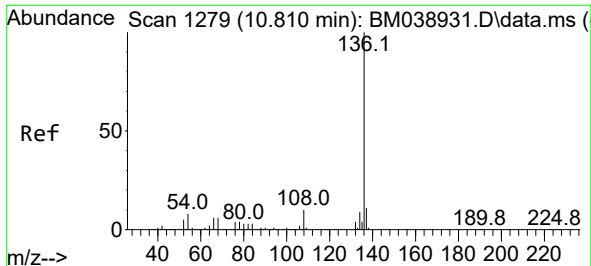
107 100

108 91.3 71.8 111.8

77 33.5 13.6 53.6

79 28.6 9.2 49.2

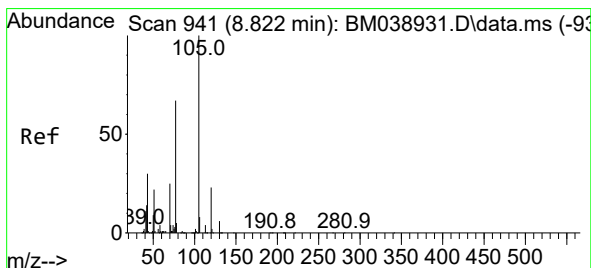
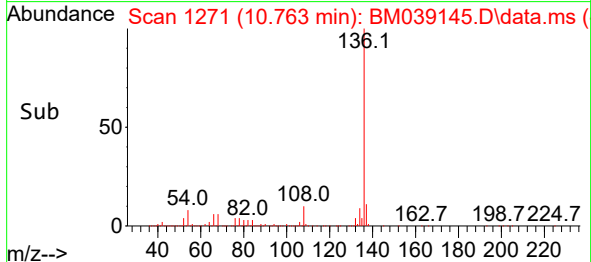
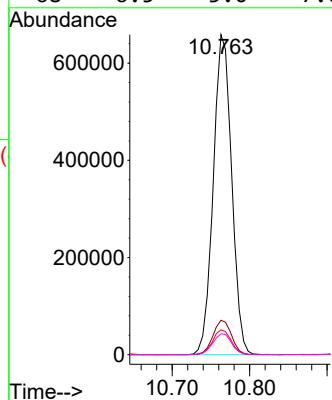
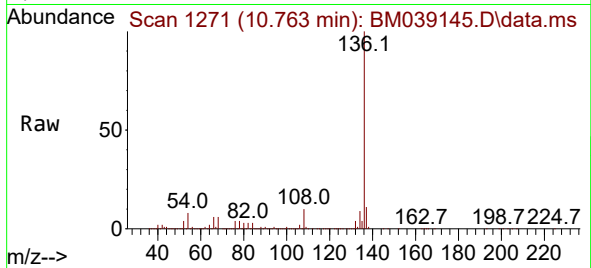




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.763 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM039145.D
Acq: 24 Mar 2023 17:13

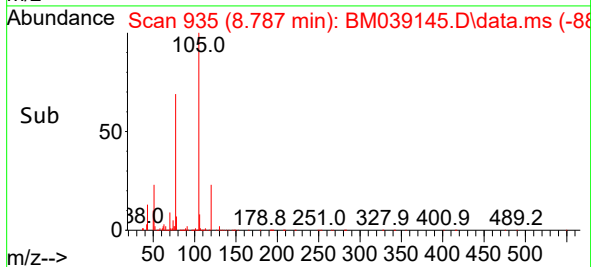
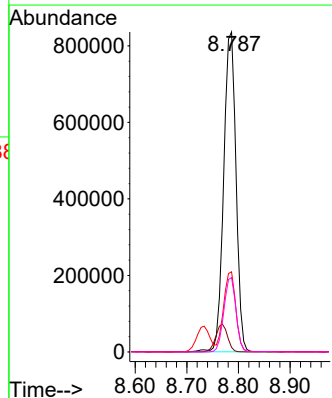
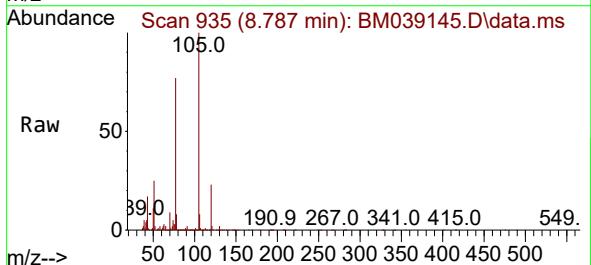
Instrument :
BNA_M
ClientSampleId :
R-PITMS

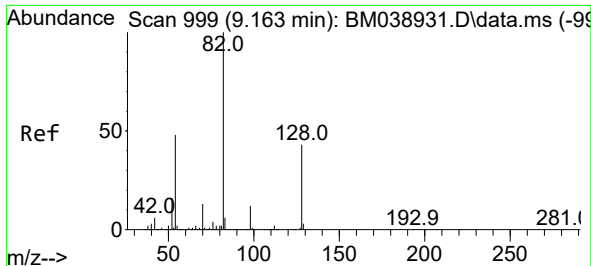
Tgt Ion:136 Resp: 1084512
Ion Ratio Lower Upper
136 100
137 10.8 8.7 13.1
54 7.7 6.3 9.5
68 6.5 5.0 7.6



#22
Acetophenone
Concen: 45.514 ng
RT: 8.787 min Scan# 935
Delta R.T. 0.000 min
Lab File: BM039145.D
Acq: 24 Mar 2023 17:13

Tgt Ion:105 Resp: 1384876
Ion Ratio Lower Upper
105 100
71 1.5 3.4 5.0#
51 25.1 21.0 31.4
120 23.2 18.1 27.1

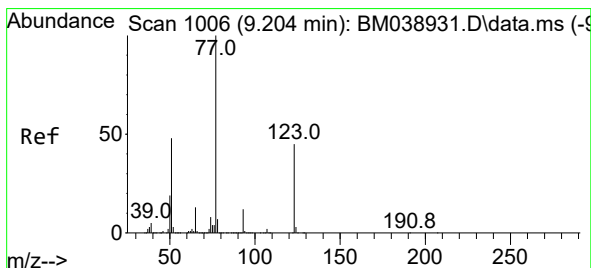
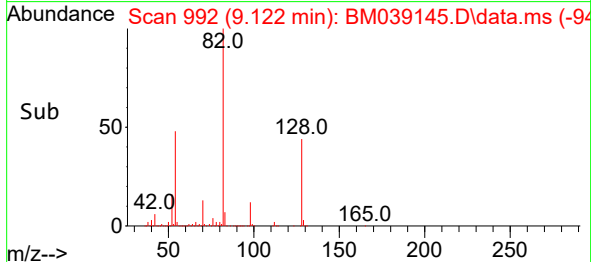
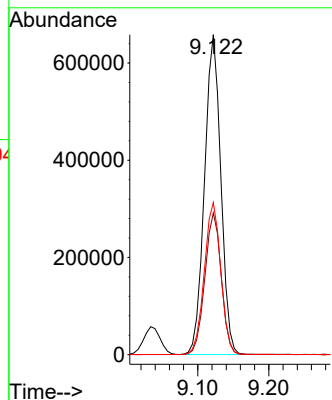
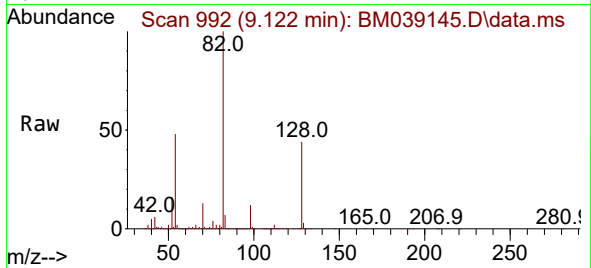




#23
Nitrobenzene-d5
Concen: 47.654 ng
RT: 9.122 min Scan# 999
Delta R.T. 0.000 min
Lab File: BM039145.D
Acq: 24 Mar 2023 17:13

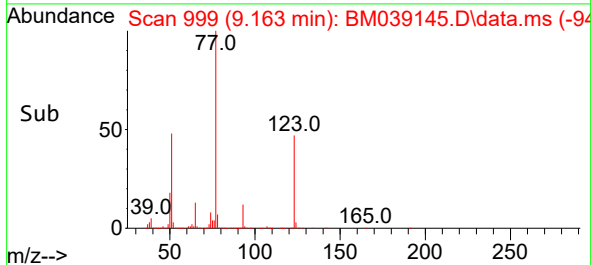
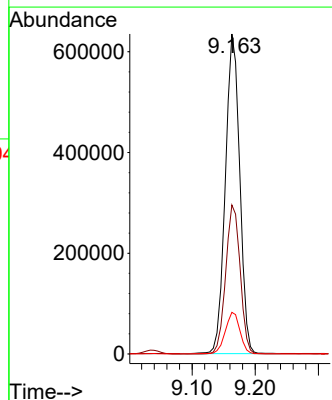
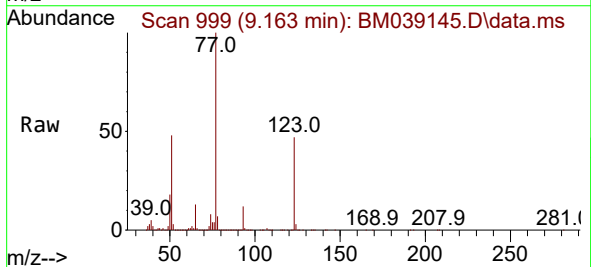
Instrument :
BNA_M
ClientSampleId :
R-PITMS

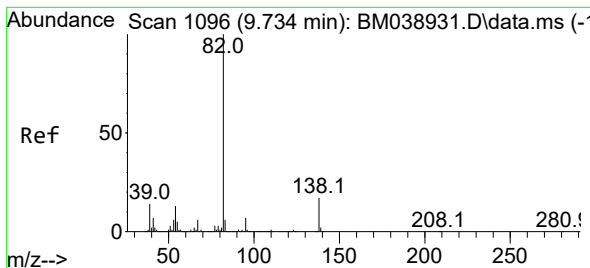
Tgt Ion: 82 Resp: 1052131
Ion Ratio Lower Upper
82 100
128 44.3 34.4 51.6
54 47.6 38.8 58.2



#24
Nitrobenzene
Concen: 43.325 ng
RT: 9.163 min Scan# 999
Delta R.T. -0.006 min
Lab File: BM039145.D
Acq: 24 Mar 2023 17:13

Tgt Ion: 77 Resp: 1005391
Ion Ratio Lower Upper
77 100
123 46.6 35.8 53.6
65 13.0 10.2 15.4





#25

Isophorone

Concen: 44.533 ng

RT: 9.692 min Scan# 1089

Delta R.T. -0.006 min

Lab File: BM039145.D

Acq: 24 Mar 2023 17:13

Instrument :

BNA_M

ClientSampleId :

R-PITMS

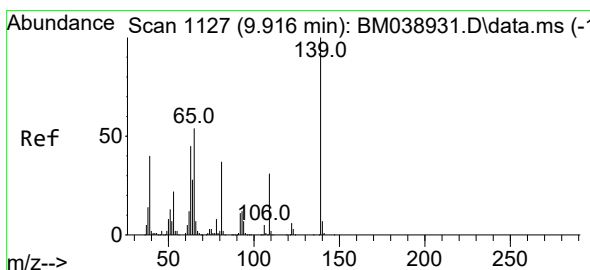
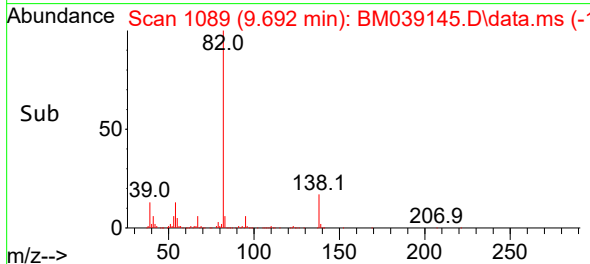
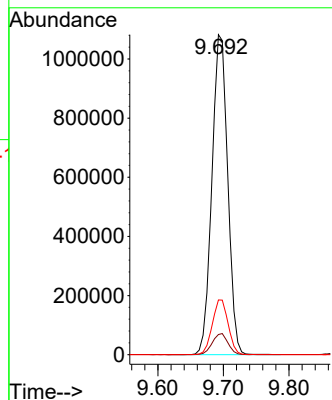
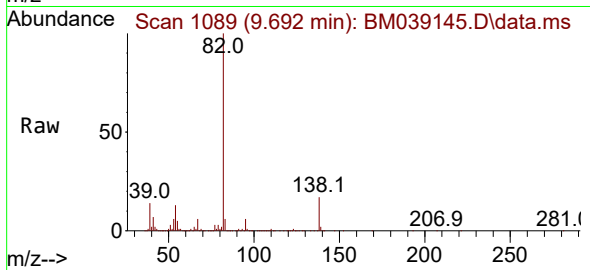
Tgt Ion: 82 Resp: 1809348

Ion Ratio Lower Upper

82 100

95 6.3 5.2 7.8

138 17.1 13.6 20.4



#26

2-Nitrophenol

Concen: 48.671 ng

RT: 9.875 min Scan# 1120

Delta R.T. -0.006 min

Lab File: BM039145.D

Acq: 24 Mar 2023 17:13

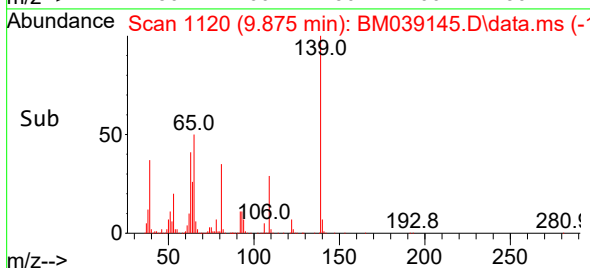
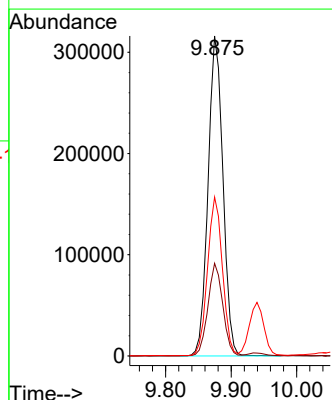
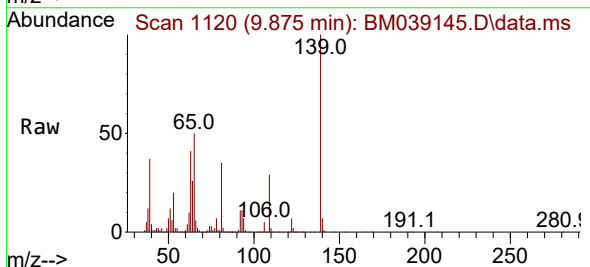
Tgt Ion:139 Resp: 499169

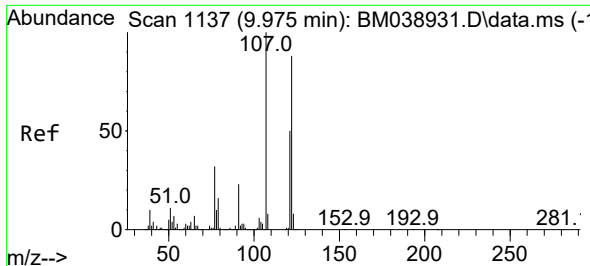
Ion Ratio Lower Upper

139 100

109 28.9 24.5 36.7

65 49.7 43.0 64.6

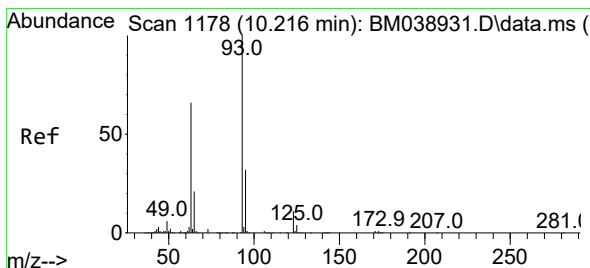
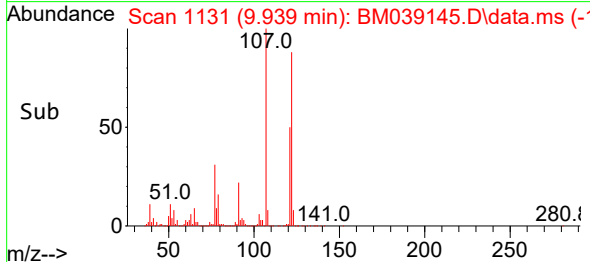
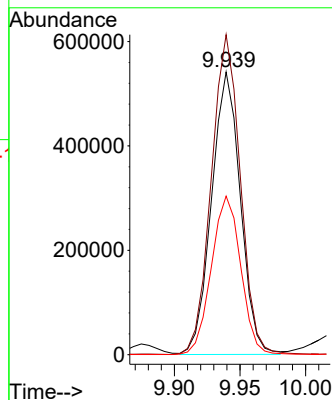
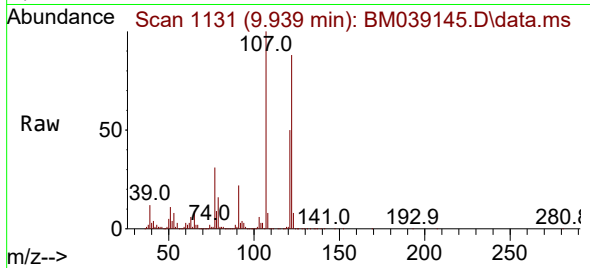




#27
2,4-Dimethylphenol
Concen: 46.768 ng
RT: 9.939 min Scan# 1131
Delta R.T. 0.000 min
Lab File: BM039145.D
Acq: 24 Mar 2023 17:13

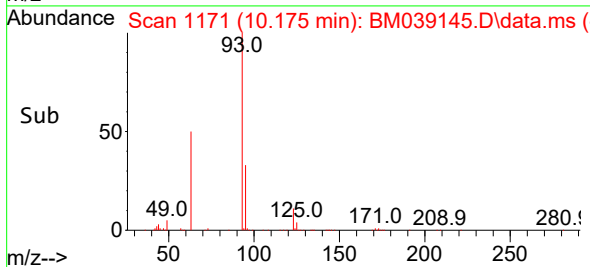
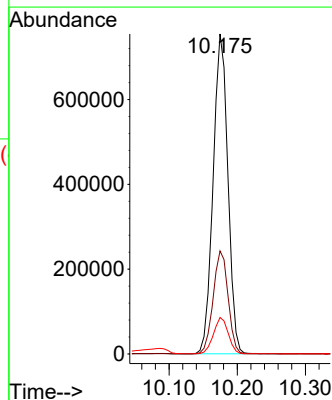
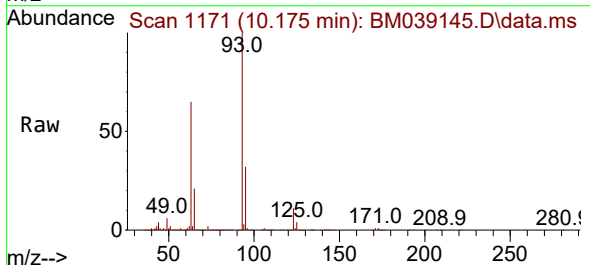
Instrument :
BNA_M
ClientSampleId :
R-PITMS

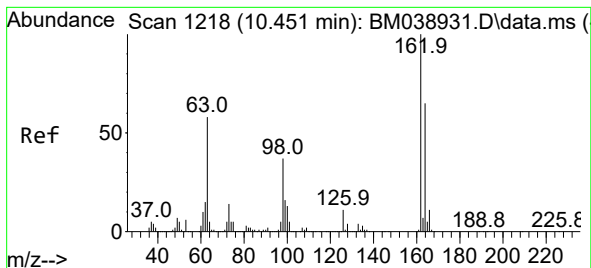
Tgt Ion:122 Resp: 827937
Ion Ratio Lower Upper
122 100
107 113.2 91.0 136.4
121 56.1 45.1 67.7



#28
bis(2-Chloroethoxy)methane
Concen: 43.576 ng
RT: 10.175 min Scan# 1171
Delta R.T. 0.000 min
Lab File: BM039145.D
Acq: 24 Mar 2023 17:13

Tgt Ion: 93 Resp: 1137574
Ion Ratio Lower Upper
93 100
95 32.2 25.9 38.9
123 11.4 8.8 13.2





#29

2,4-Dichlorophenol

Concen: 47.017 ng

RT: 10.416 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM039145.D

Acq: 24 Mar 2023 17:13

Instrument :

BNA_M

ClientSampleId :

R-PITMS

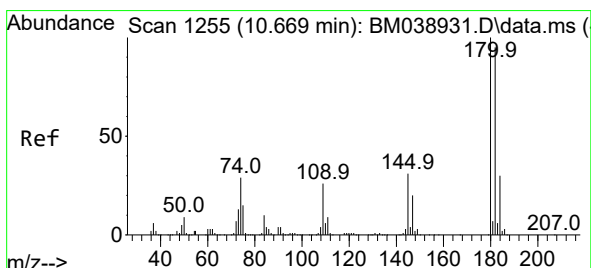
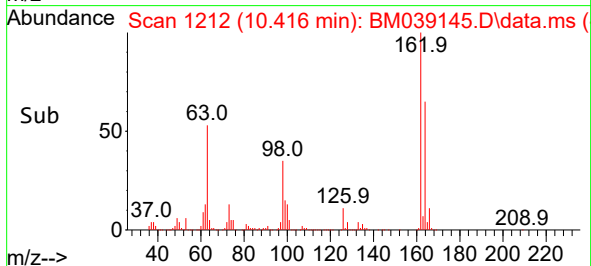
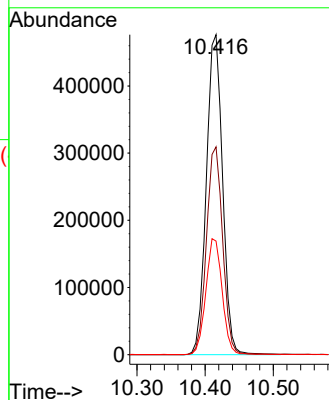
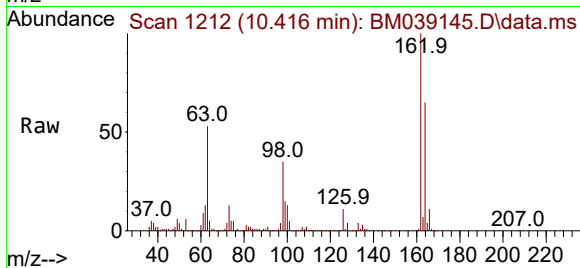
Tgt Ion:162 Resp: 789124

Ion Ratio Lower Upper

162 100

164 64.9 44.6 84.6

98 35.5 17.5 57.5



#30

1,2,4-Trichlorobenzene

Concen: 46.804 ng

RT: 10.628 min Scan# 1248

Delta R.T. 0.000 min

Lab File: BM039145.D

Acq: 24 Mar 2023 17:13

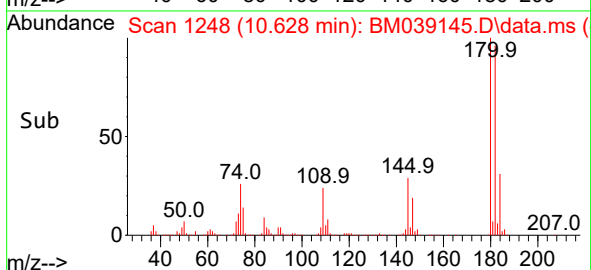
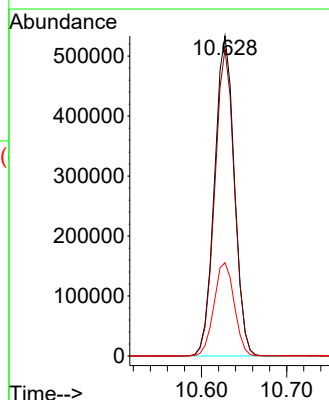
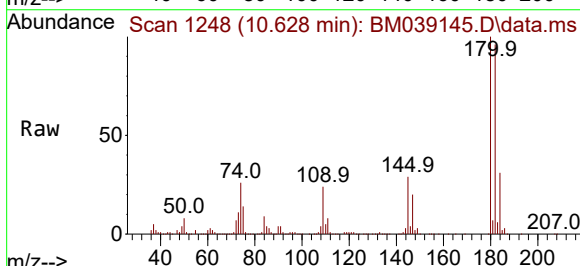
Tgt Ion:180 Resp: 858432

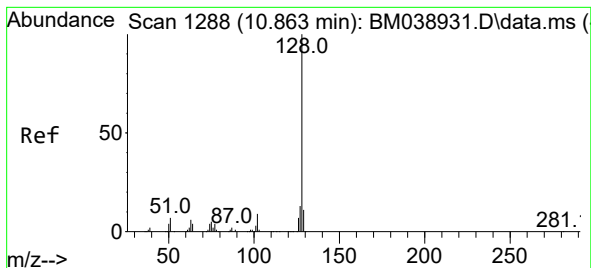
Ion Ratio Lower Upper

180 100

182 95.9 76.3 114.5

145 29.1 25.0 37.4

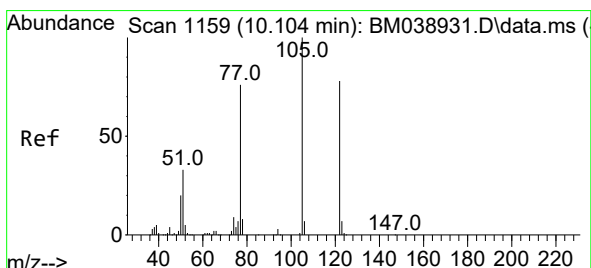
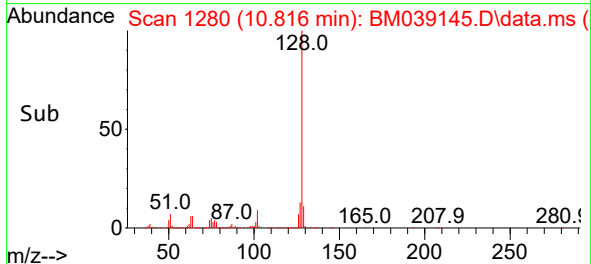
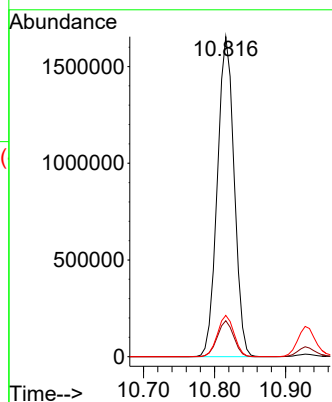
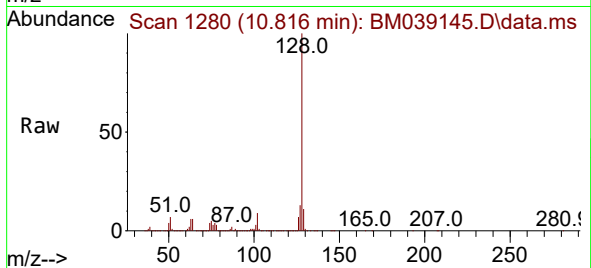




#31
Naphthalene
Concen: 43.857 ng
RT: 10.816 min Scan# 1156
Delta R.T. 0.000 min
Lab File: BM039145.D
Acq: 24 Mar 2023 17:13

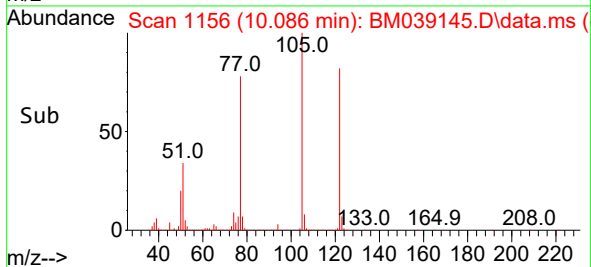
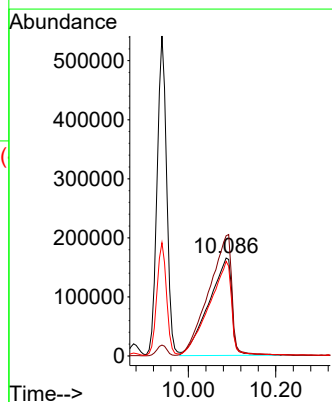
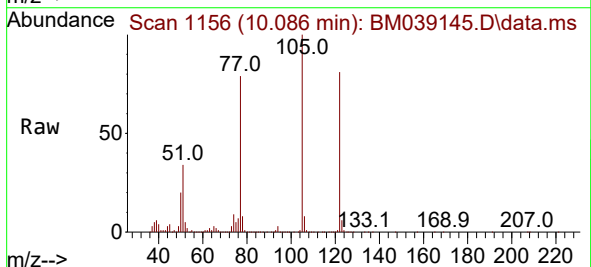
Instrument :
BNA_M
ClientSampleId :
R-PITMS

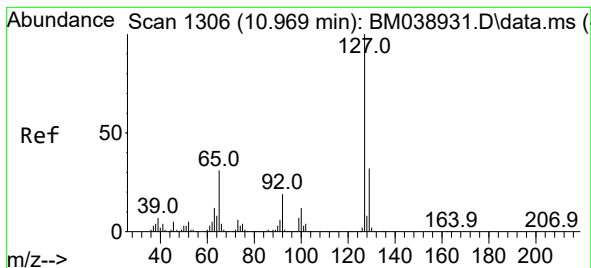
Tgt Ion:128 Resp: 2712172
Ion Ratio Lower Upper
128 100
129 11.3 8.6 13.0
127 12.9 10.2 15.4



#32
Benzoic acid
Concen: 46.822 ng
RT: 10.086 min Scan# 1156
Delta R.T. -0.006 min
Lab File: BM039145.D
Acq: 24 Mar 2023 17:13

Tgt Ion:122 Resp: 606089
Ion Ratio Lower Upper
122 100
105 122.8 104.2 144.2
77 96.6 75.1 115.1





#33

4-Chloroaniline

Concen: 10.763 ng

RT: 10.928 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM039145.D

Acq: 24 Mar 2023 17:13

Instrument :

BNA_M

ClientSampleId :

R-PITMS

Tgt Ion:127 Resp: 283653

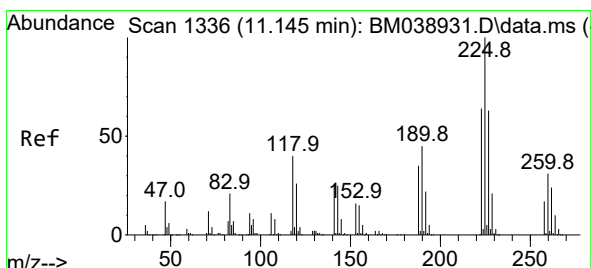
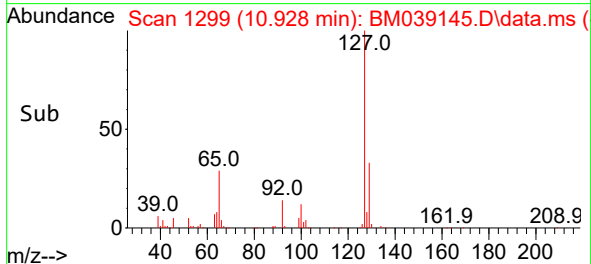
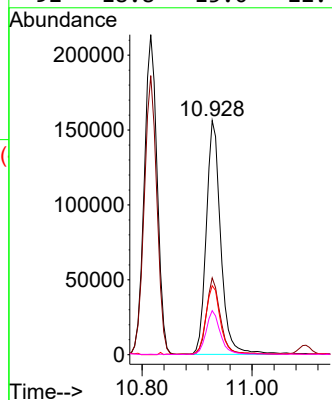
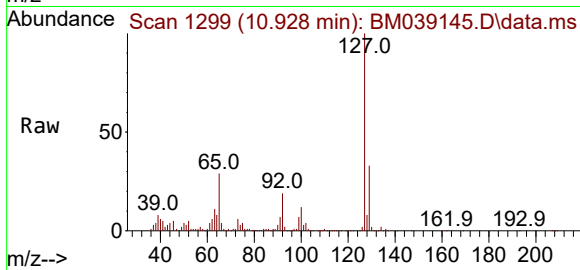
Ion Ratio Lower Upper

127 100

129 32.8 25.4 38.2

65 29.4 24.4 36.6

92 18.8 15.0 22.4



#34

Hexachlorobutadiene

Concen: 47.018 ng

RT: 11.098 min Scan# 1328

Delta R.T. 0.000 min

Lab File: BM039145.D

Acq: 24 Mar 2023 17:13

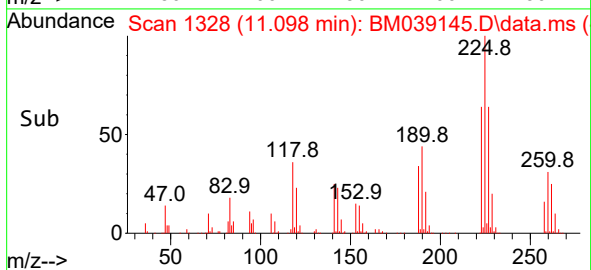
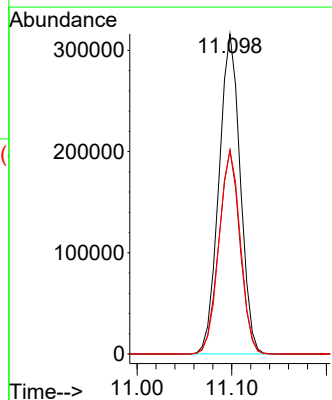
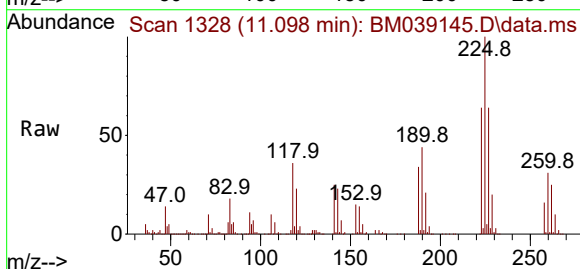
Tgt Ion:225 Resp: 494526

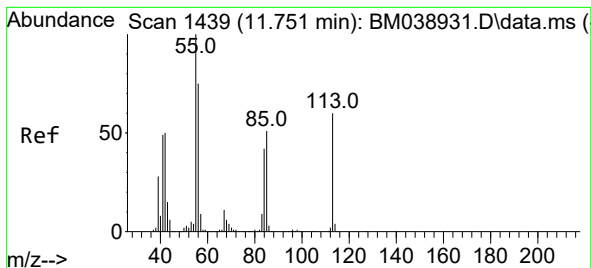
Ion Ratio Lower Upper

225 100

223 63.7 51.3 76.9

227 63.7 50.6 76.0

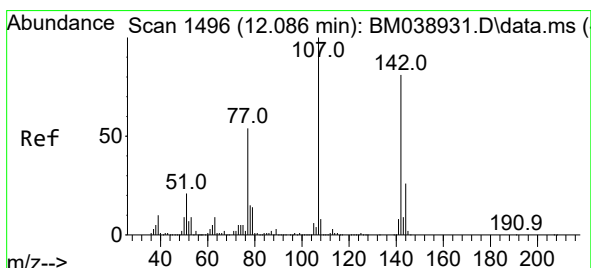
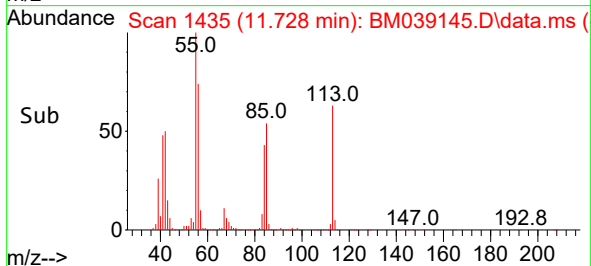
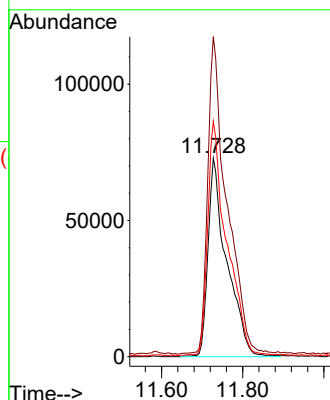
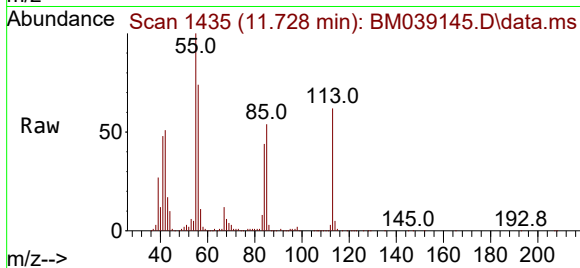




#35
Caprolactam
Concen: 45.638 ng
RT: 11.728 min Scan# 1435
Delta R.T. -0.012 min
Lab File: BM039145.D
Acq: 24 Mar 2023 17:13

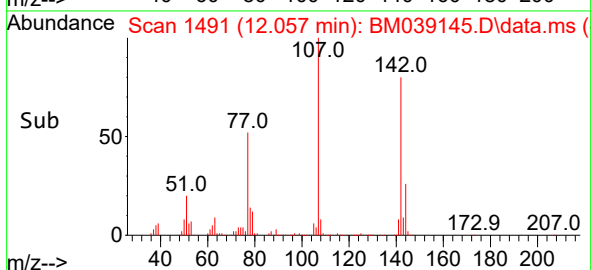
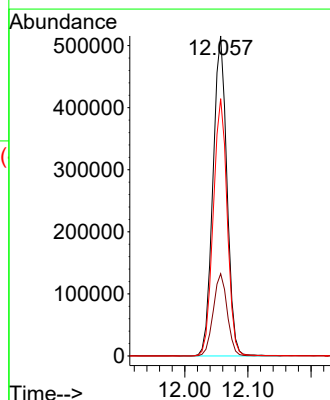
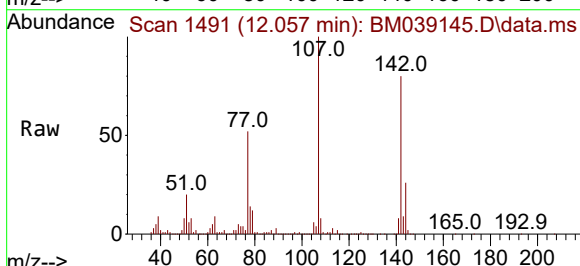
Instrument :
BNA_M
ClientSampleId :
R-PITMS

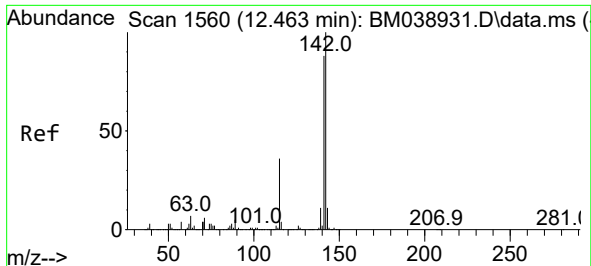
Tgt Ion:113 Resp: 233130
Ion Ratio Lower Upper
113 100
55 161.2 147.0 187.0
56 118.7 105.1 145.1



#36
4-Chloro-3-methylphenol
Concen: 44.310 ng
RT: 12.057 min Scan# 1491
Delta R.T. 0.000 min
Lab File: BM039145.D
Acq: 24 Mar 2023 17:13

Tgt Ion:107 Resp: 791916
Ion Ratio Lower Upper
107 100
144 25.7 20.7 31.1
142 80.4 64.6 97.0





#37

2-Methylnaphthalene

Concen: 42.328 ng

RT: 12.422 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM039145.D

Acq: 24 Mar 2023 17:13

Instrument :

BNA_M

ClientSampleId :

R-PITMS

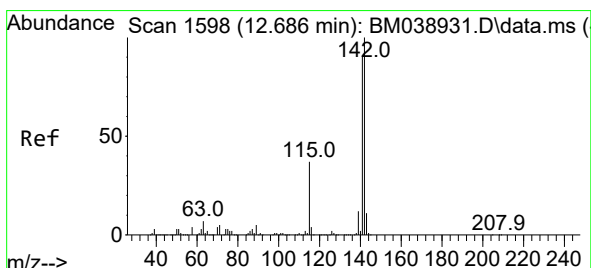
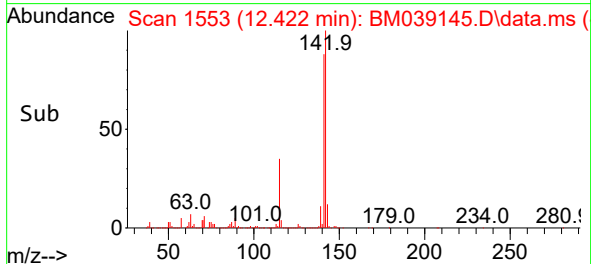
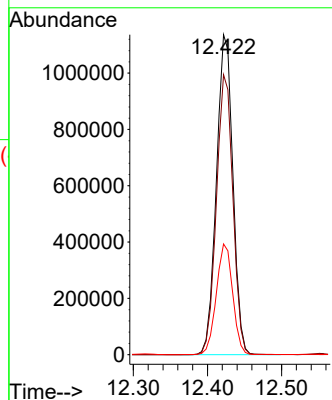
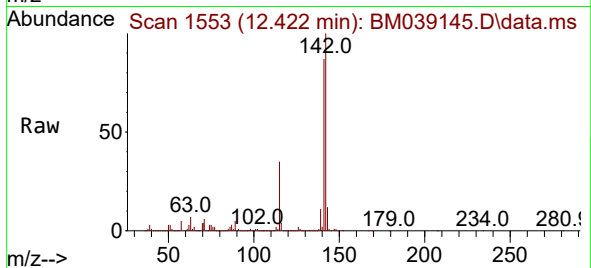
Tgt Ion:142 Resp: 1754460

Ion Ratio Lower Upper

142 100

141 87.5 70.6 106.0

115 34.6 28.5 42.7



#38

1-Methylnaphthalene

Concen: 42.171 ng

RT: 12.645 min Scan# 1591

Delta R.T. 0.000 min

Lab File: BM039145.D

Acq: 24 Mar 2023 17:13

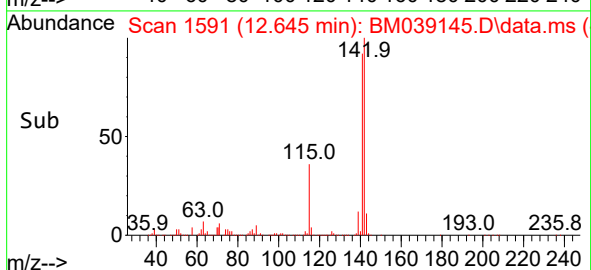
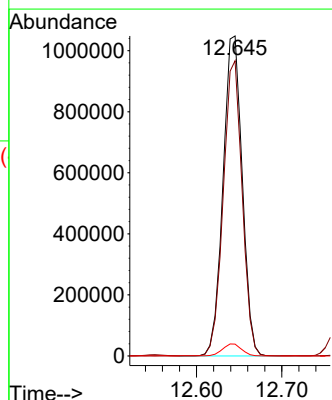
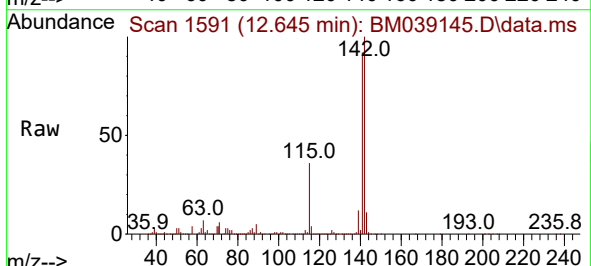
Tgt Ion:142 Resp: 1638049

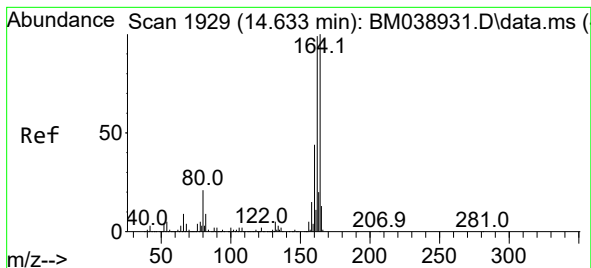
Ion Ratio Lower Upper

142 100

141 92.2 72.8 109.2

116 3.7 3.0 4.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.598 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM039145.D

Acq: 24 Mar 2023 17:13

Instrument :

BNA_M

ClientSampleId :

R-PITMS

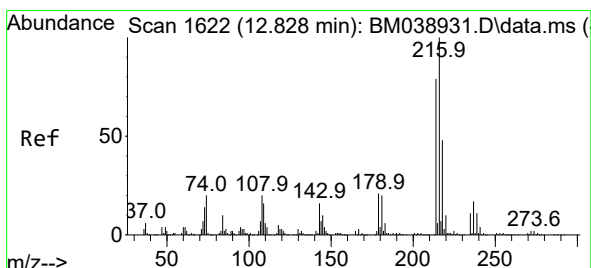
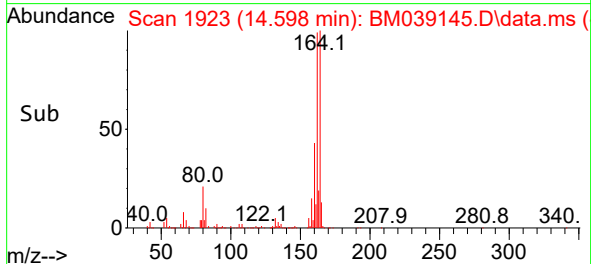
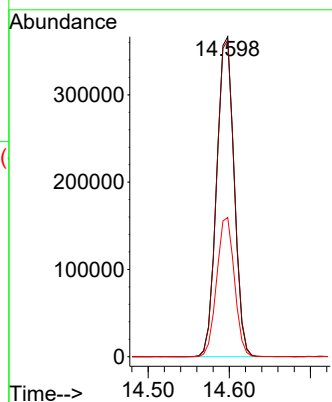
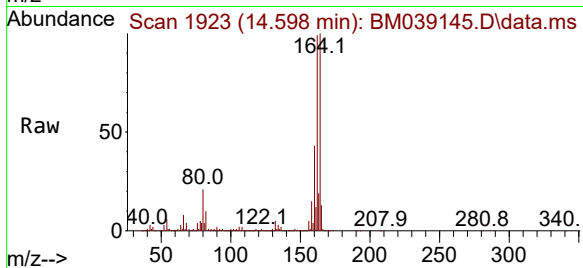
Tgt Ion:164 Resp: 548352

Ion Ratio Lower Upper

164 100

162 98.9 79.2 118.8

160 43.5 35.5 53.3



#40

1,2,4,5-Tetrachlorobenzene

Concen: 48.788 ng

RT: 12.792 min Scan# 1616

Delta R.T. 0.000 min

Lab File: BM039145.D

Acq: 24 Mar 2023 17:13

Tgt Ion:216 Resp: 869720

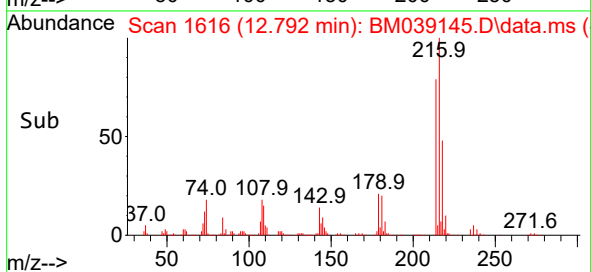
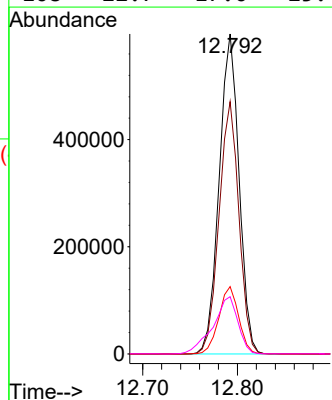
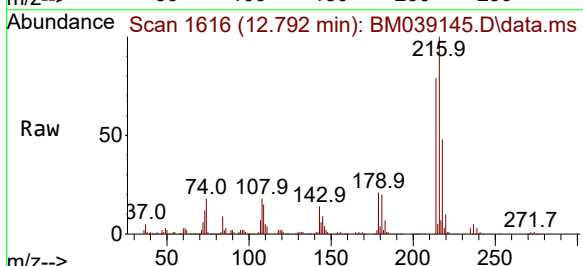
Ion Ratio Lower Upper

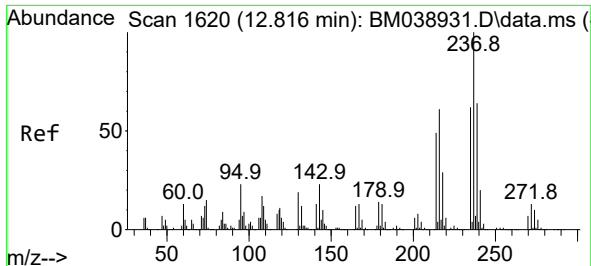
216 100

214 78.9 63.0 94.4

179 21.0 16.8 25.2

108 22.7 17.0 25.4

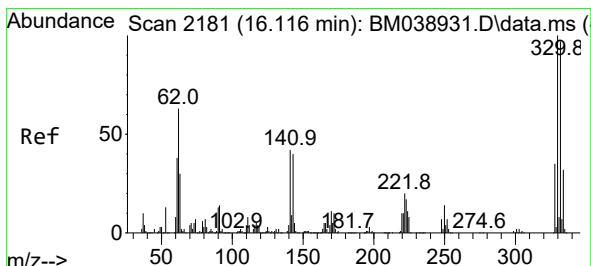
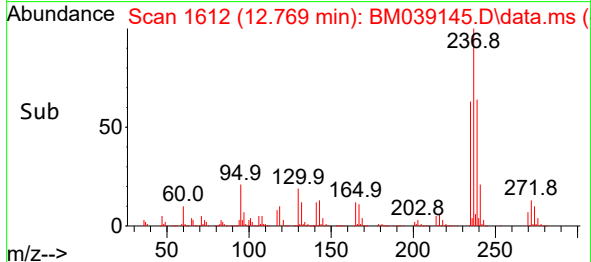
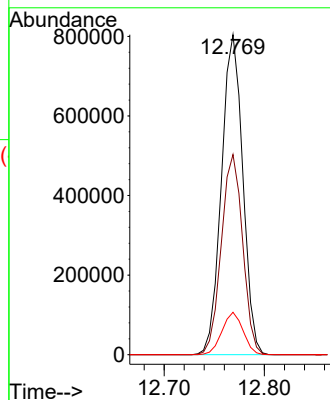
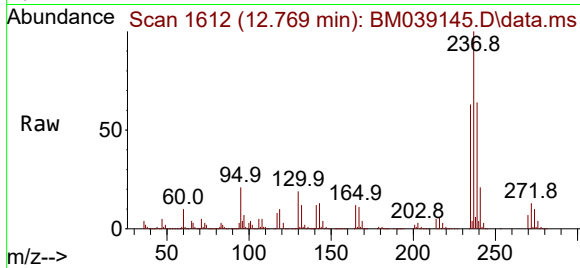




#41
Hexachlorocyclopentadiene
Concen: 121.266 ng
RT: 12.769 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM039145.D
Acq: 24 Mar 2023 17:13

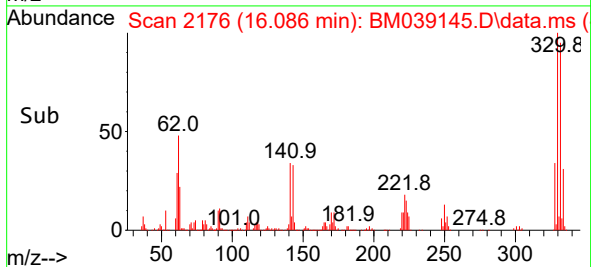
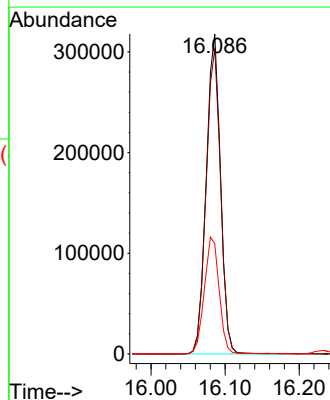
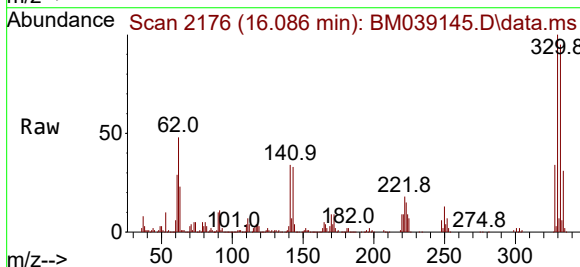
Instrument :
BNA_M
ClientSampleId :
R-PITMS

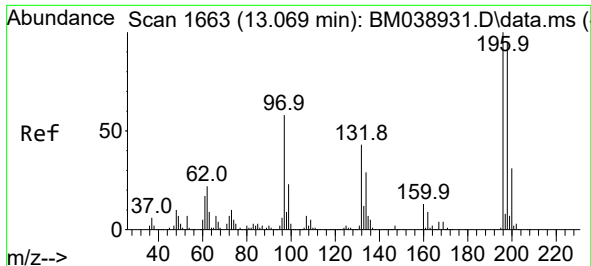
Tgt Ion:237 Resp: 1186616
Ion Ratio Lower Upper
237 100
235 62.6 41.7 81.7
272 13.3 0.0 33.2



#42
2,4,6-Tribromophenol
Concen: 67.204 ng
RT: 16.086 min Scan# 2176
Delta R.T. 0.000 min
Lab File: BM039145.D
Acq: 24 Mar 2023 17:13

Tgt Ion:330 Resp: 426314
Ion Ratio Lower Upper
330 100
332 96.5 77.4 116.0
141 37.7 32.2 48.4

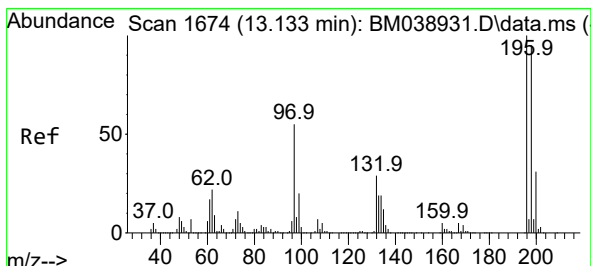
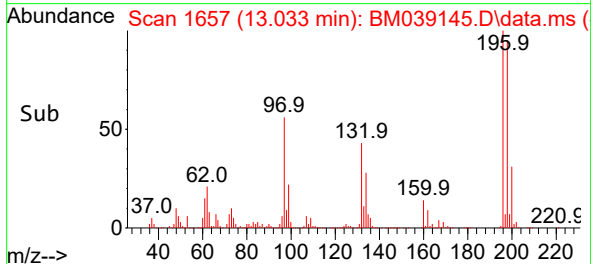
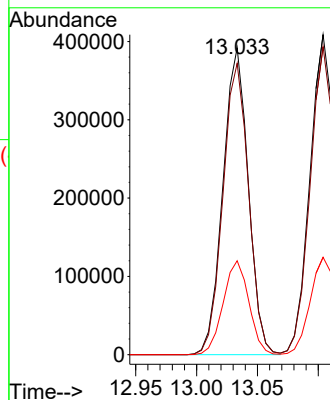
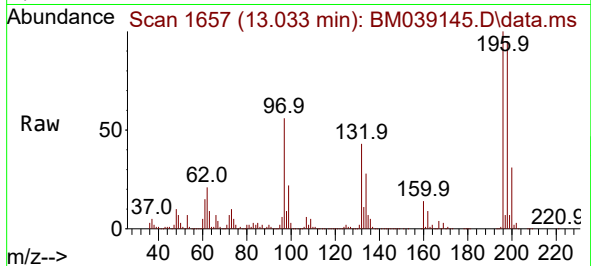




#43
2,4,6-Trichlorophenol
Concen: 49.314 ng
RT: 13.033 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM039145.D
Acq: 24 Mar 2023 17:13

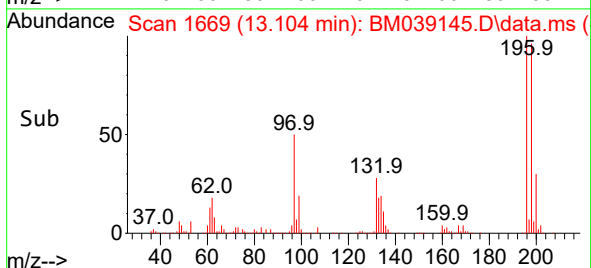
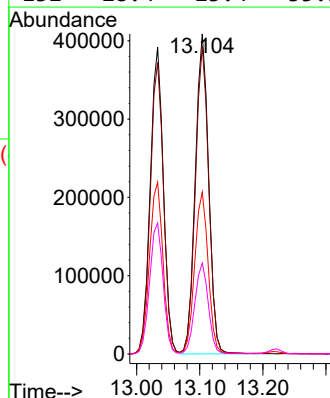
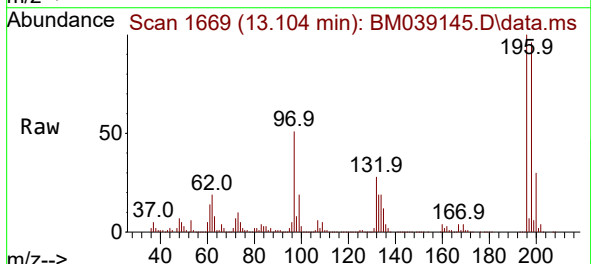
Instrument :
BNA_M
ClientSampleId :
R-PITMS

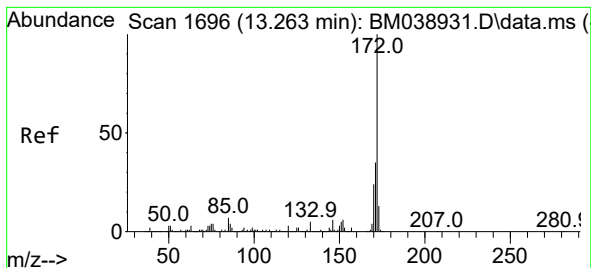
Tgt Ion:196 Resp: 569266
Ion Ratio Lower Upper
196 100
198 94.9 75.8 113.8
200 30.6 25.0 37.4



#44
2,4,5-Trichlorophenol
Concen: 44.555 ng
RT: 13.104 min Scan# 1669
Delta R.T. 0.000 min
Lab File: BM039145.D
Acq: 24 Mar 2023 17:13

Tgt Ion:196 Resp: 602025
Ion Ratio Lower Upper
196 100
198 96.3 76.3 114.5
97 50.6 44.2 66.4
132 28.4 23.4 35.2





#45

2-Fluorobiphenyl

Concen: 47.268 ng

RT: 13.222 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM039145.D

Acq: 24 Mar 2023 17:13

Instrument :

BNA_M

ClientSampleId :

R-PITMS

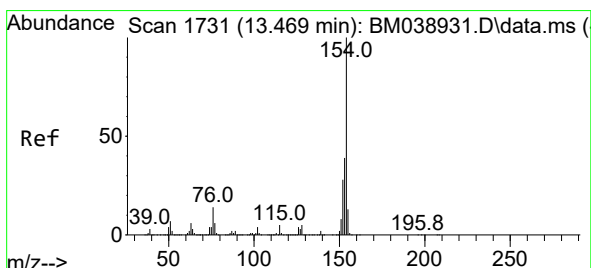
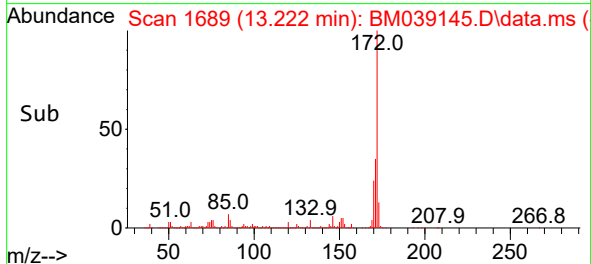
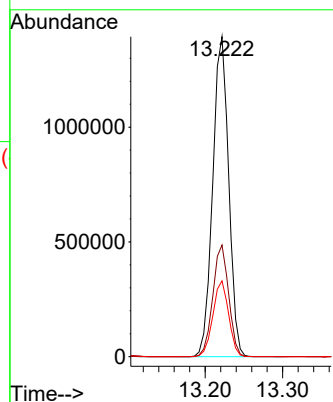
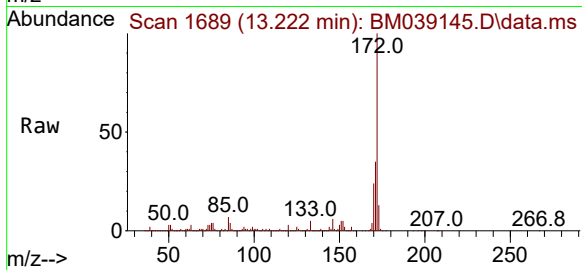
Tgt Ion:172 Resp: 1991052

Ion Ratio Lower Upper

172 100

171 34.9 28.2 42.2

170 23.7 19.1 28.7



#46

1,1'-Biphenyl

Concen: 46.676 ng

RT: 13.433 min Scan# 1725

Delta R.T. 0.000 min

Lab File: BM039145.D

Acq: 24 Mar 2023 17:13

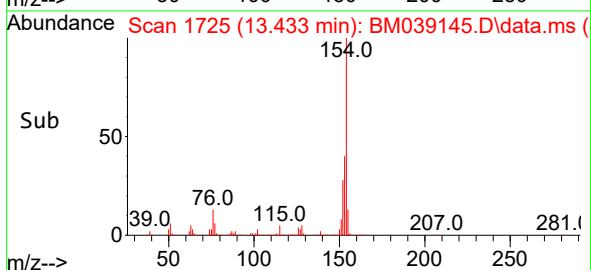
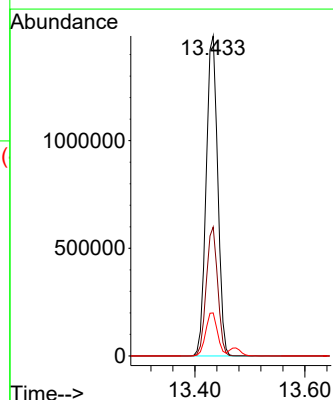
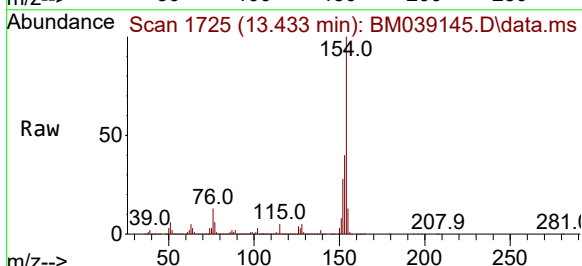
Tgt Ion:154 Resp: 2168346

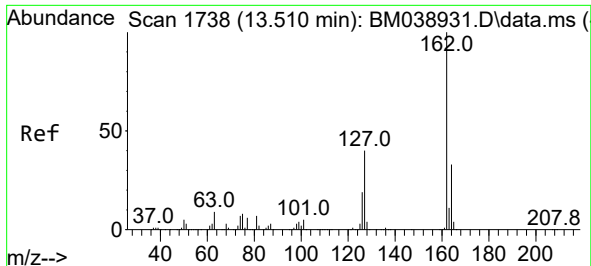
Ion Ratio Lower Upper

154 100

153 40.3 19.3 59.3

76 13.5 0.0 34.0

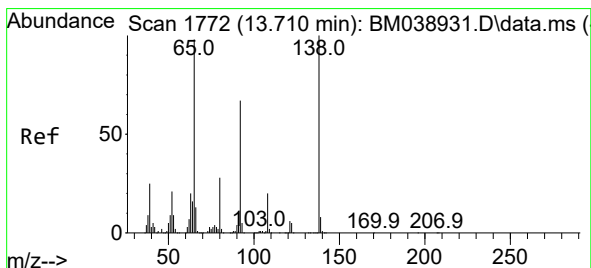
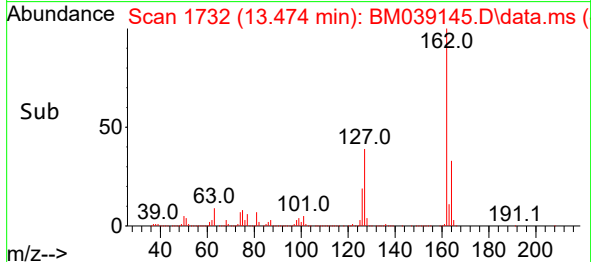
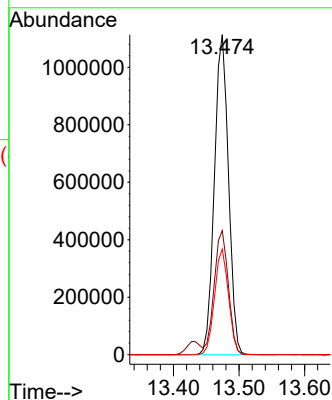
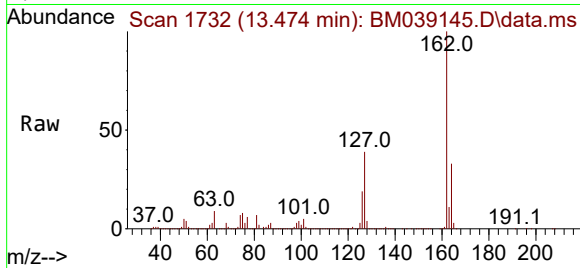




#47
2-Chloronaphthalene
Concen: 47.336 ng
RT: 13.474 min Scan# 1732
Delta R.T. 0.000 min
Lab File: BM039145.D
Acq: 24 Mar 2023 17:13

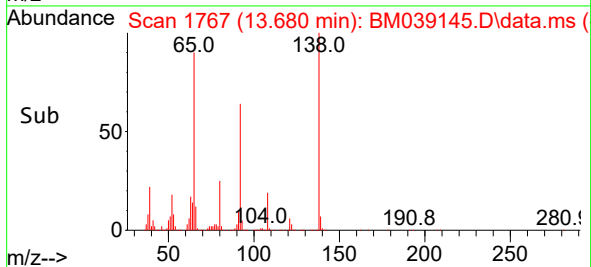
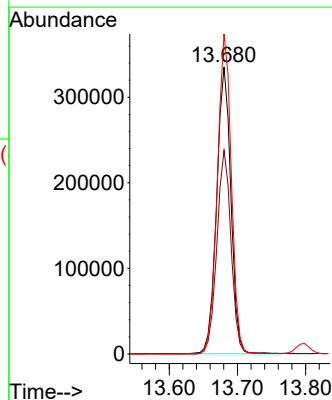
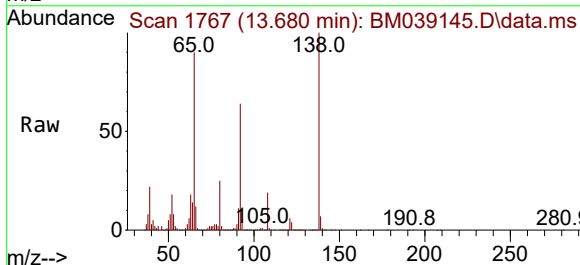
Instrument :
BNA_M
ClientSampleId :
R-PITMS

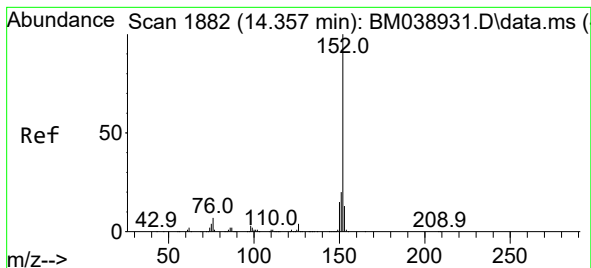
Tgt Ion:162 Resp: 1658182
Ion Ratio Lower Upper
162 100
127 38.7 32.1 48.1
164 33.0 26.2 39.4



#48
2-Nitroaniline
Concen: 43.750 ng
RT: 13.680 min Scan# 1767
Delta R.T. 0.000 min
Lab File: BM039145.D
Acq: 24 Mar 2023 17:13

Tgt Ion: 65 Resp: 488383
Ion Ratio Lower Upper
65 100
92 70.9 54.9 82.3
138 111.6 81.6 122.4





#49

Acenaphthylene

Concen: 45.191 ng

RT: 14.322 min Scan# 1876

Delta R.T. 0.000 min

Lab File: BM039145.D

Acq: 24 Mar 2023 17:13

Instrument :

BNA_M

ClientSampleId :

R-PITMS

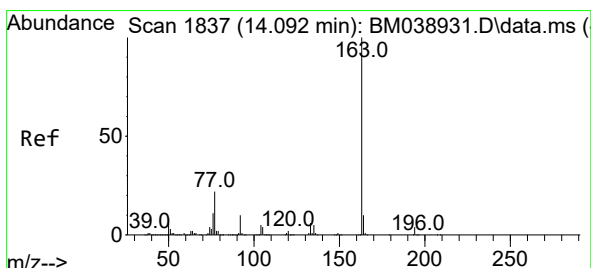
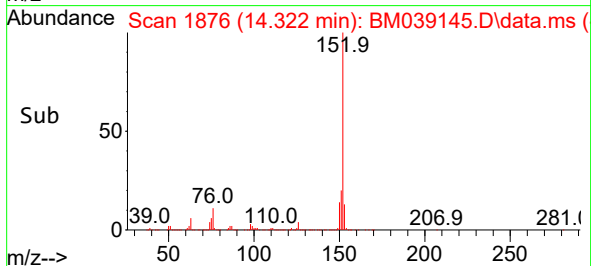
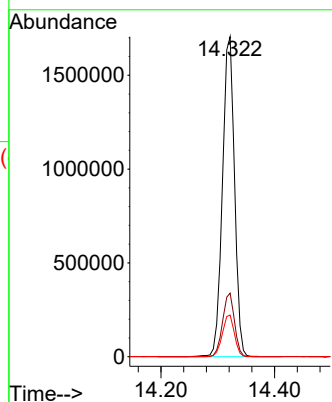
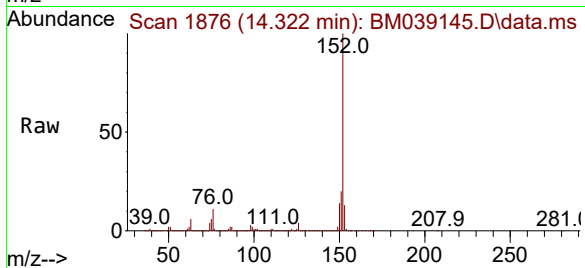
Tgt Ion:152 Resp: 2521604

Ion Ratio Lower Upper

152 100

151 19.8 15.8 23.8

153 13.0 10.4 15.6



#50

Dimethylphthalate

Concen: 43.418 ng

RT: 14.057 min Scan# 1831

Delta R.T. -0.006 min

Lab File: BM039145.D

Acq: 24 Mar 2023 17:13

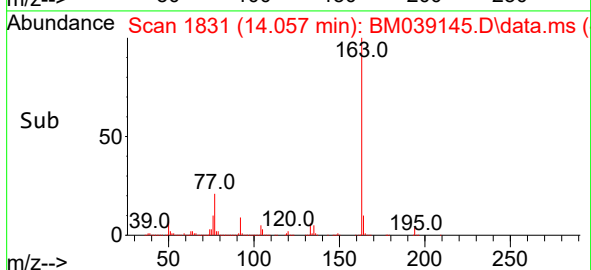
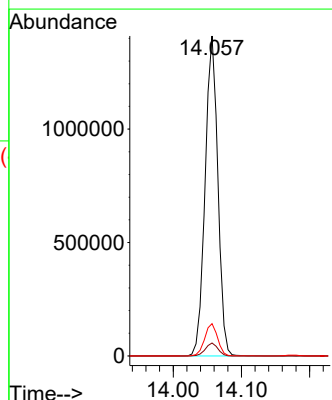
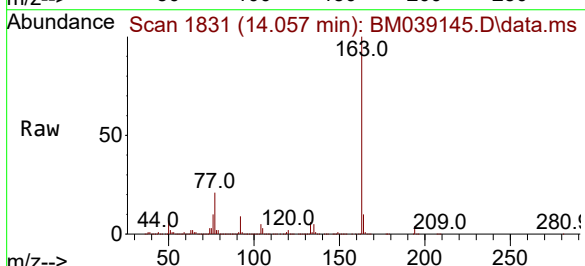
Tgt Ion:163 Resp: 1832009

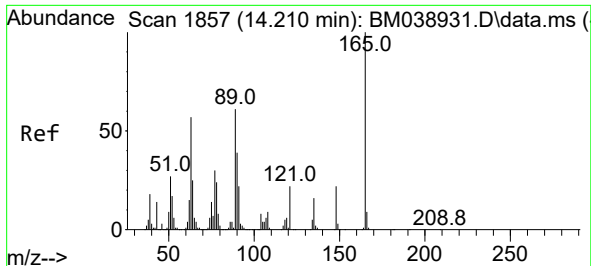
Ion Ratio Lower Upper

163 100

194 4.1 3.1 4.7

164 10.1 8.1 12.1





#51

2,6-Dinitrotoluene

Concen: 43.561 ng

RT: 14.174 min Scan# 1851

Delta R.T. -0.006 min

Lab File: BM039145.D

Acq: 24 Mar 2023 17:13

Instrument :

BNA_M

ClientSampleId :

R-PITMS

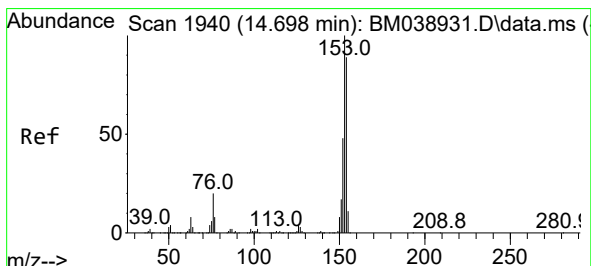
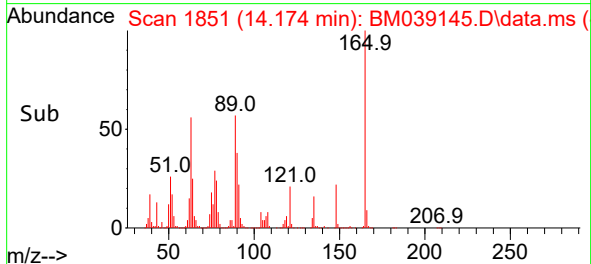
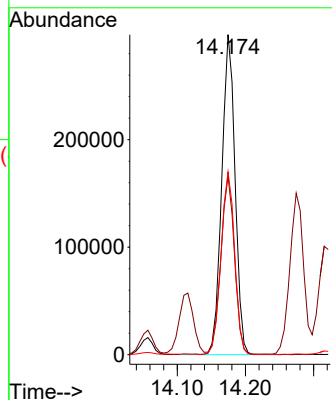
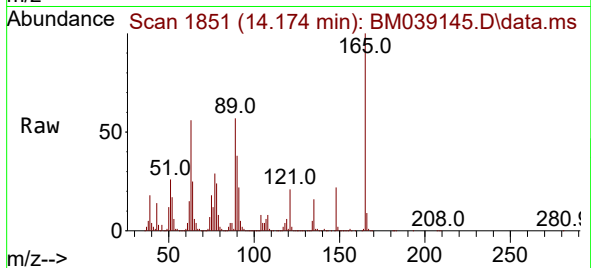
Tgt Ion:165 Resp: 405220

Ion Ratio Lower Upper

165 100

63 55.9 46.6 70.0

89 57.1 48.6 73.0



#52

Acenaphthene

Concen: 43.303 ng

RT: 14.663 min Scan# 1934

Delta R.T. 0.000 min

Lab File: BM039145.D

Acq: 24 Mar 2023 17:13

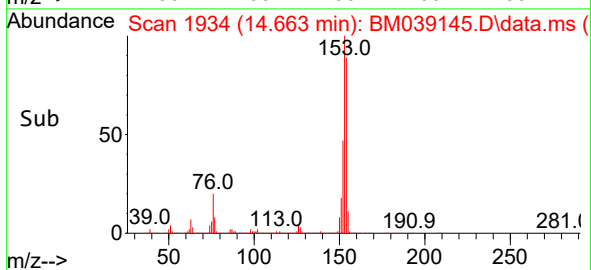
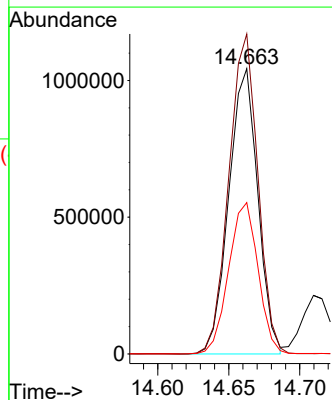
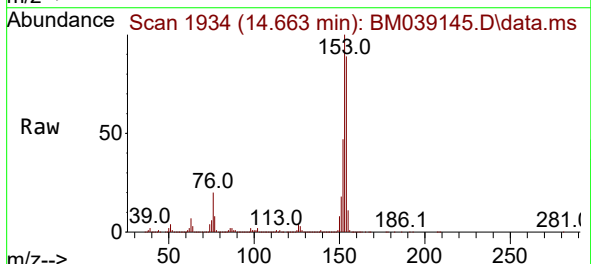
Tgt Ion:154 Resp: 1484937

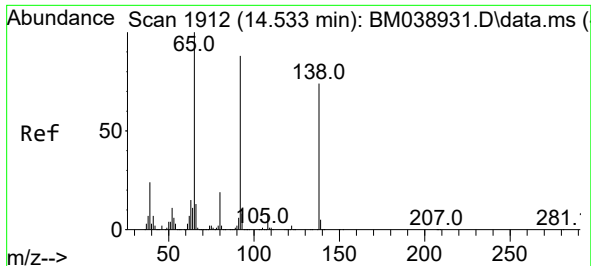
Ion Ratio Lower Upper

154 100

153 112.1 90.2 135.2

152 53.0 43.4 65.2

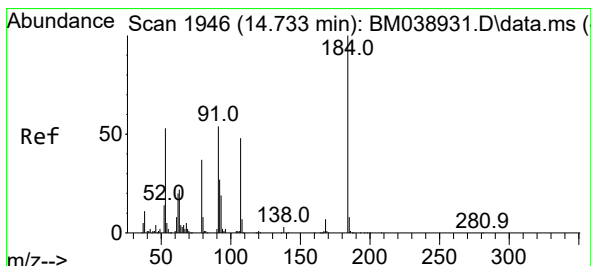
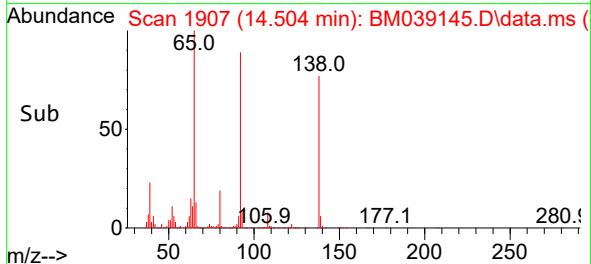
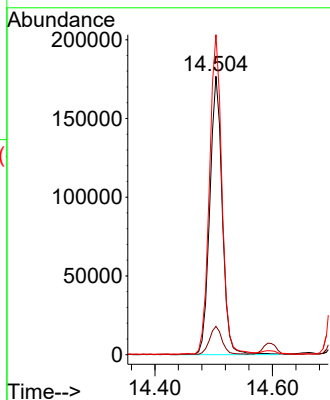
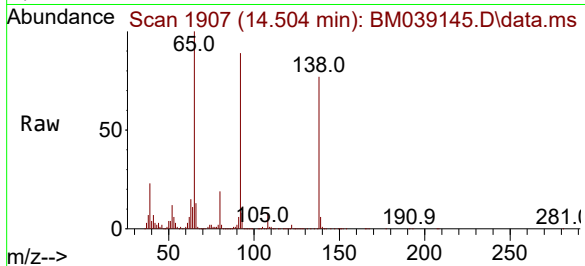




#53
3-Nitroaniline
Concen: 24.638 ng
RT: 14.504 min Scan# 1907
Delta R.T. -0.006 min
Lab File: BM039145.D
Acq: 24 Mar 2023 17:13

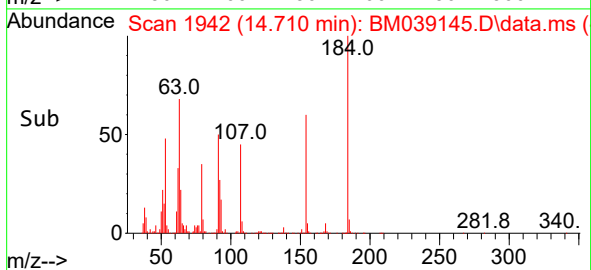
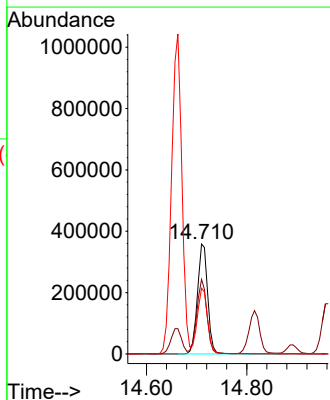
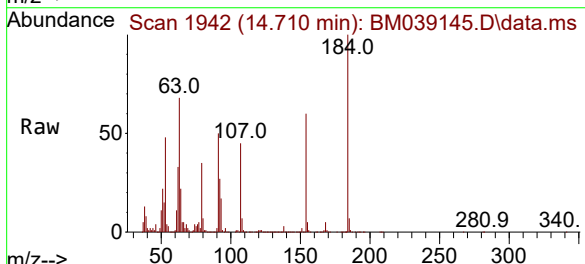
Instrument :
BNA_M
ClientSampleId :
R-PITMS

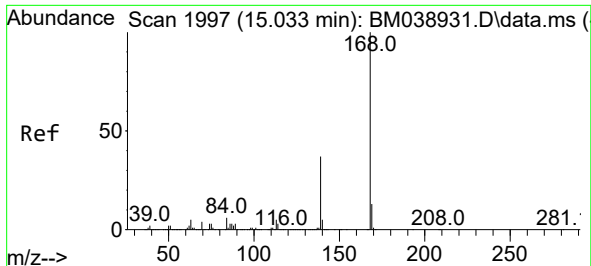
Tgt Ion:138 Resp: 260043
Ion Ratio Lower Upper
138 100
108 10.2 8.3 12.5
92 115.0 95.8 143.8



#54
2,4-Dinitrophenol
Concen: 93.877 ng
RT: 14.710 min Scan# 1942
Delta R.T. -0.006 min
Lab File: BM039145.D
Acq: 24 Mar 2023 17:13

Tgt Ion:184 Resp: 508681
Ion Ratio Lower Upper
184 100
63 67.9 60.6 90.8
154 59.8 51.4 77.2

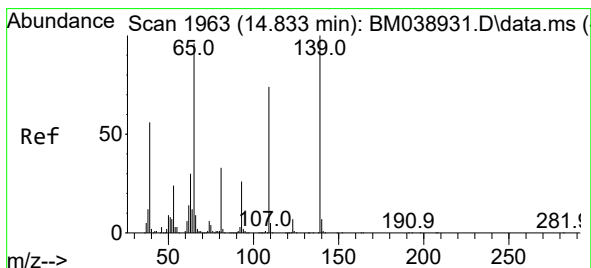
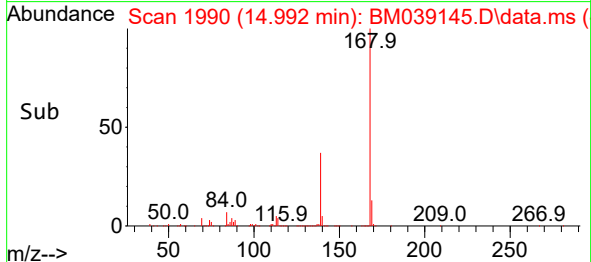
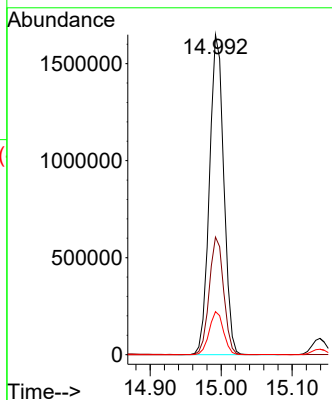
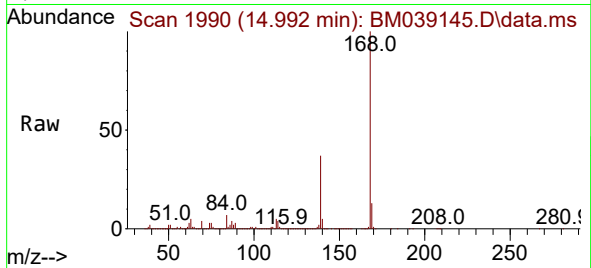




#55
Dibenzofuran
Concen: 43.034 ng
RT: 14.992 min Scan# 1997
Delta R.T. -0.006 min
Lab File: BM039145.D
Acq: 24 Mar 2023 17:13

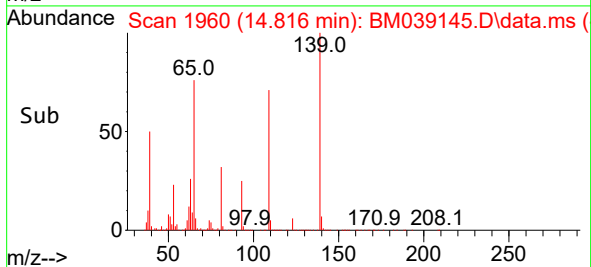
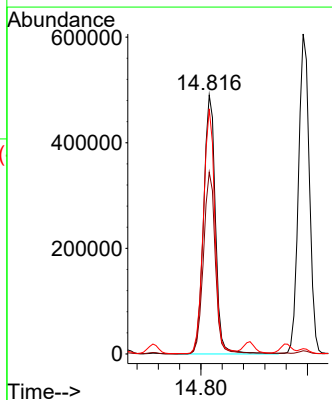
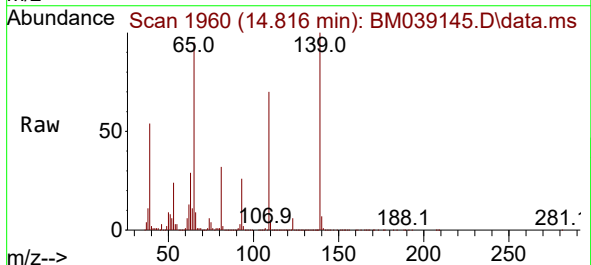
Instrument :
BNA_M
ClientSampleId :
R-PITMS

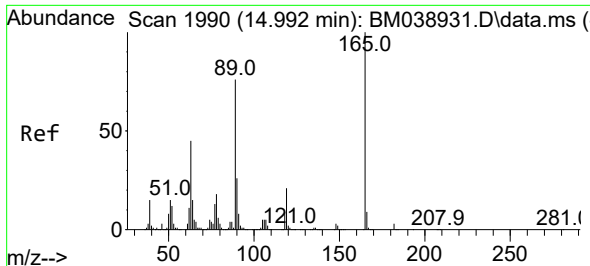
Tgt Ion:168 Resp: 2309270
Ion Ratio Lower Upper
168 100
139 36.8 29.9 44.9
169 13.5 10.7 16.1



#56
4-Nitrophenol
Concen: 90.042 ng
RT: 14.816 min Scan# 1960
Delta R.T. 0.000 min
Lab File: BM039145.D
Acq: 24 Mar 2023 17:13

Tgt Ion:139 Resp: 754565
Ion Ratio Lower Upper
139 100
109 70.2 53.5 93.5
65 94.7 76.4 116.4





#57

2,4-Dinitrotoluene

Concen: 43.524 ng

RT: 14.963 min Scan# 1985

Delta R.T. 0.000 min

Lab File: BM039145.D

Acq: 24 Mar 2023 17:13

Instrument :

BNA_M

ClientSampleId :

R-PITMS

Tgt Ion:165 Resp: 532020

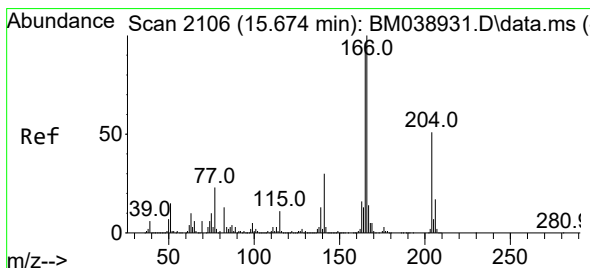
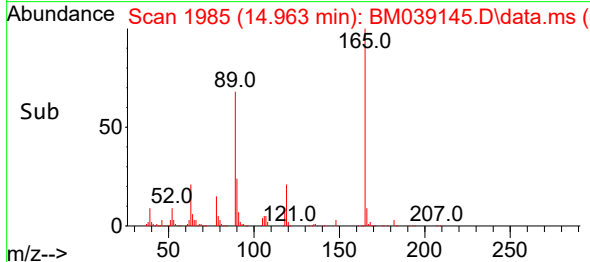
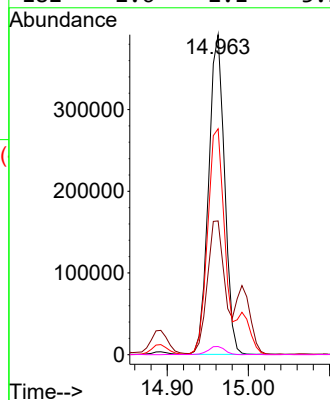
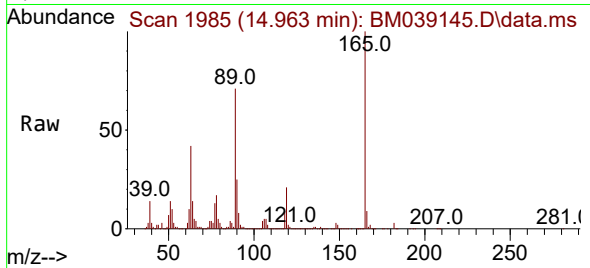
Ion Ratio Lower Upper

165 100

63 41.8 35.9 53.9

89 70.6 61.0 91.6

182 2.6 2.1 3.1



#58

Fluorene

Concen: 42.438 ng

RT: 15.645 min Scan# 2101

Delta R.T. 0.000 min

Lab File: BM039145.D

Acq: 24 Mar 2023 17:13

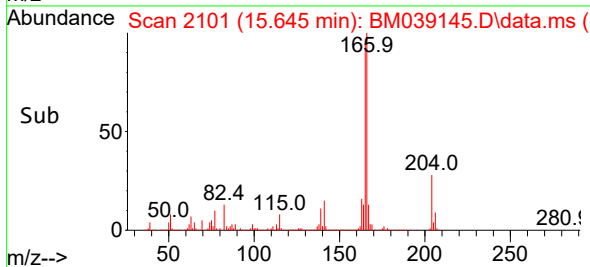
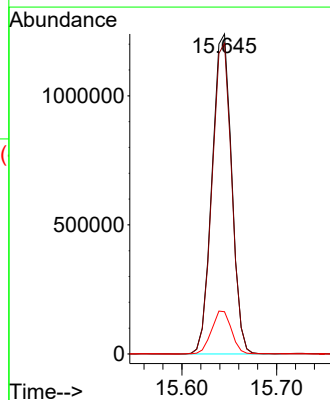
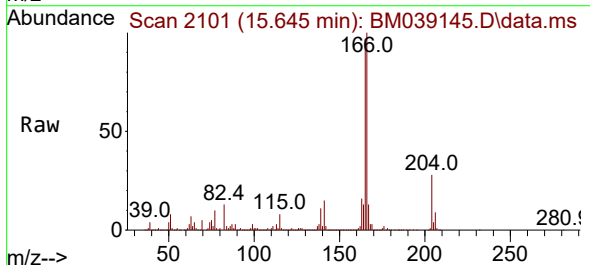
Tgt Ion:166 Resp: 1783838

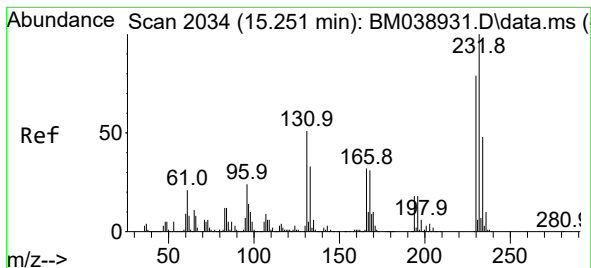
Ion Ratio Lower Upper

166 100

165 97.1 77.1 115.7

167 13.2 10.9 16.3

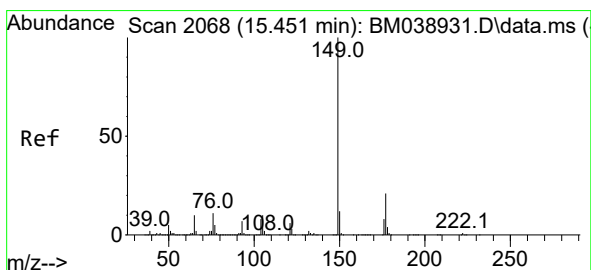
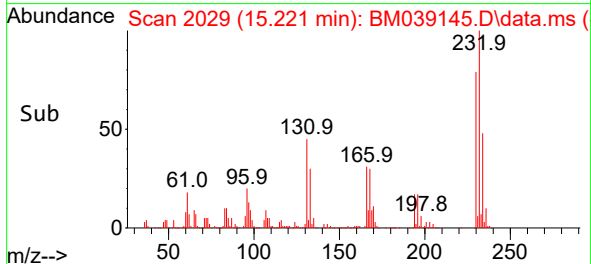
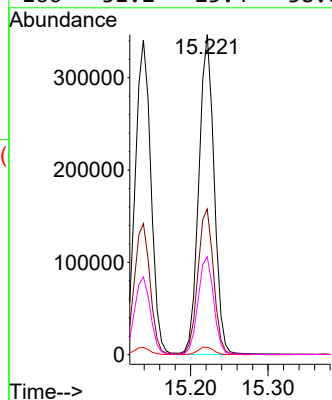
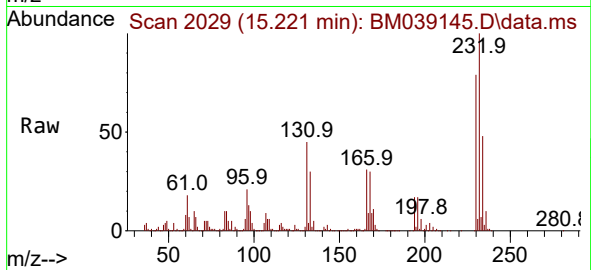




#59
2,3,4,6-Tetrachlorophenol
Concen: 45.553 ng
RT: 15.221 min Scan# 2034
Delta R.T. 0.000 min
Lab File: BM039145.D
Acq: 24 Mar 2023 17:13

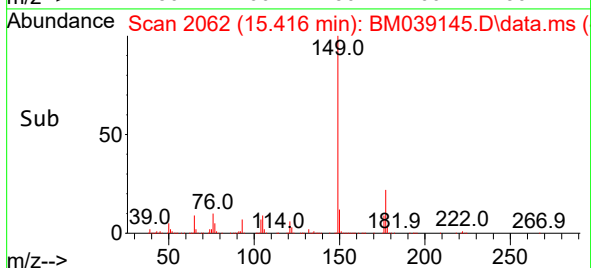
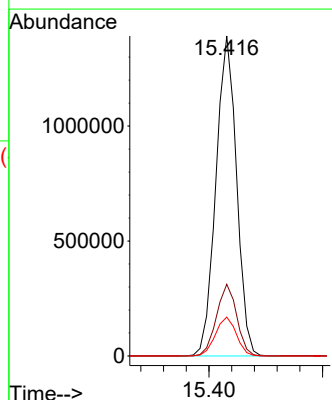
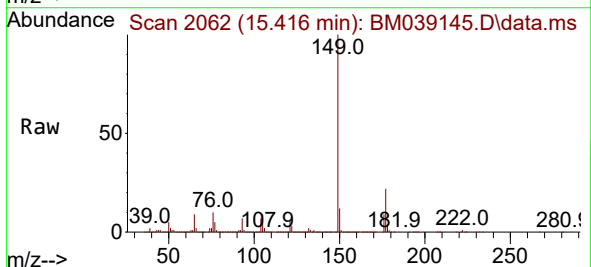
Instrument :
BNA_M
ClientSampleId :
R-PITMS

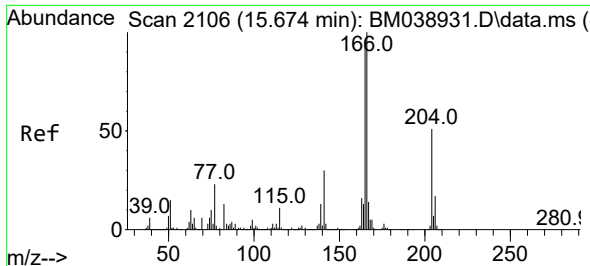
Tgt Ion:232 Resp: 474695
Ion Ratio Lower Upper
232 100
131 46.8 40.0 60.0
130 2.5 2.0 3.0
166 31.2 25.4 38.0



#60
Diethylphthalate
Concen: 42.768 ng
RT: 15.416 min Scan# 2062
Delta R.T. 0.000 min
Lab File: BM039145.D
Acq: 24 Mar 2023 17:13

Tgt Ion:149 Resp: 1755896
Ion Ratio Lower Upper
149 100
177 22.4 17.1 25.7
150 12.2 9.7 14.5

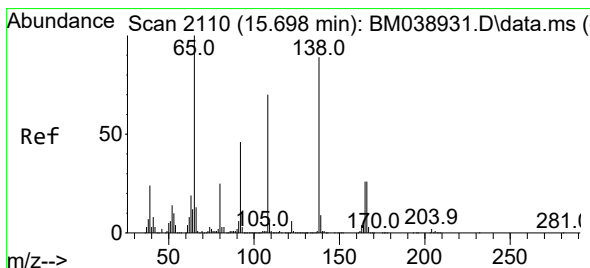
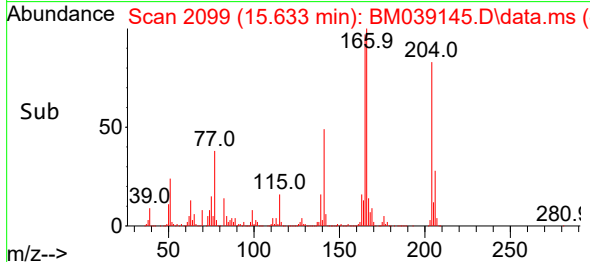
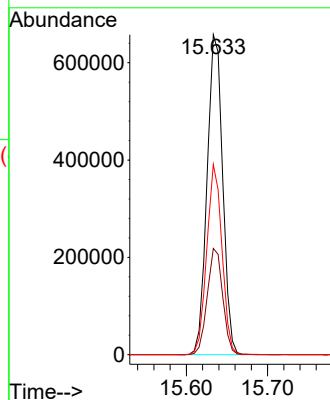
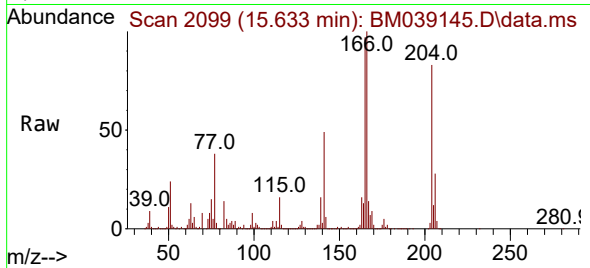




#61
4-Chlorophenyl-phenylether
Concen: 42.410 ng
RT: 15.633 min Scan# 20
Delta R.T. -0.006 min
Lab File: BM039145.D
Acq: 24 Mar 2023 17:13

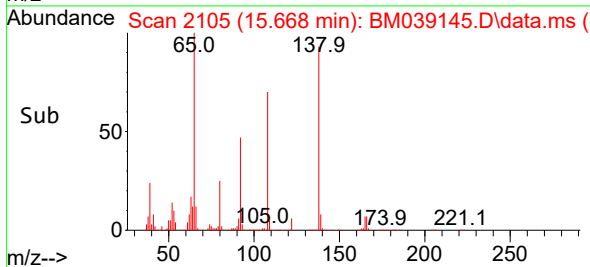
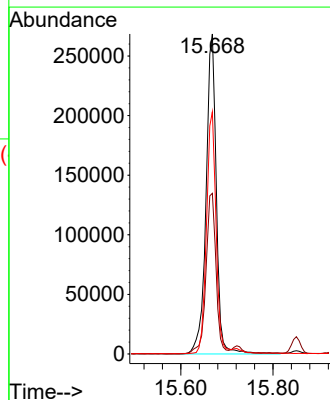
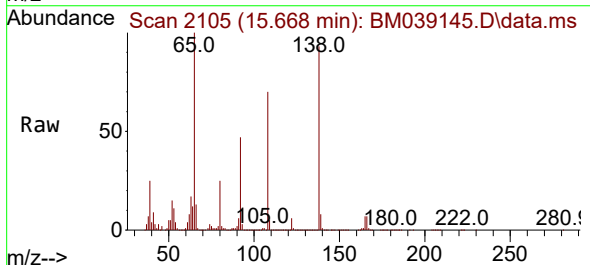
Instrument :
BNA_M
ClientSampleId :
R-PITMS

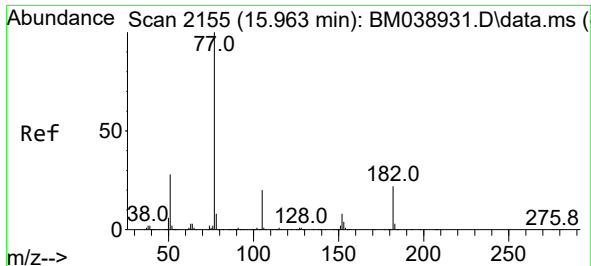
Tgt Ion:204 Resp: 875780
Ion Ratio Lower Upper
204 100
206 33.2 26.4 39.6
141 59.5 46.4 69.6



#62
4-Nitroaniline
Concen: 38.261 ng
RT: 15.668 min Scan# 2105
Delta R.T. -0.006 min
Lab File: BM039145.D
Acq: 24 Mar 2023 17:13

Tgt Ion:138 Resp: 420738
Ion Ratio Lower Upper
138 100
92 50.2 31.6 71.6
108 75.7 58.6 98.6

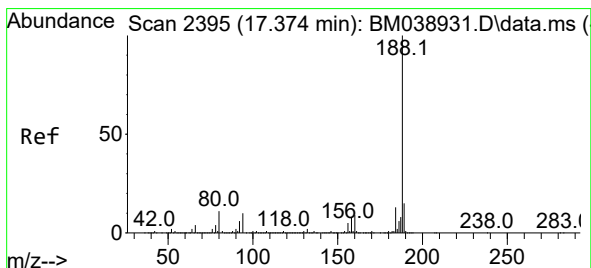
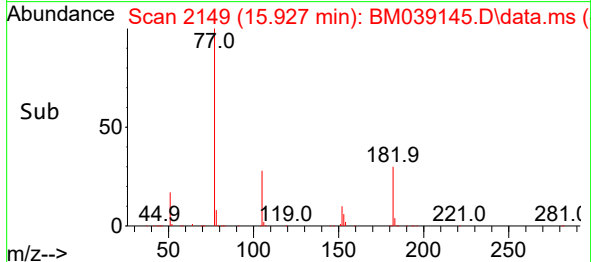
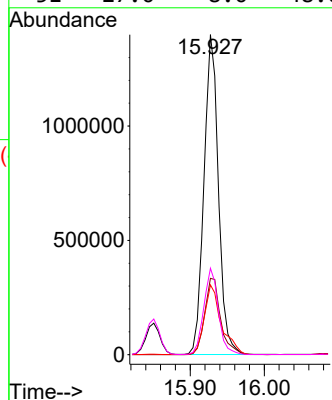
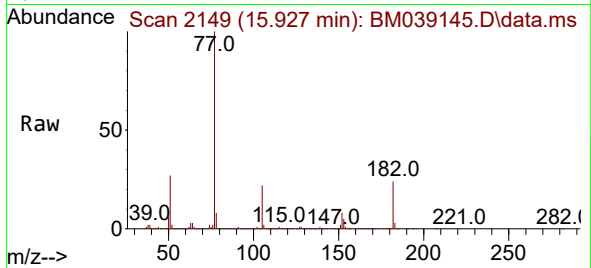




#63
Azobenzene
Concen: 43.580 ng
RT: 15.927 min Scan# 2155
Delta R.T. -0.006 min
Lab File: BM039145.D
Acq: 24 Mar 2023 17:13

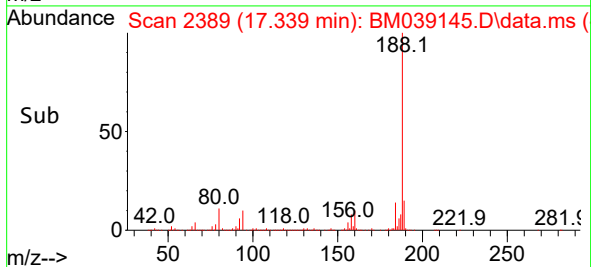
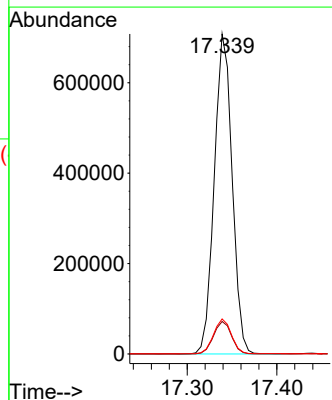
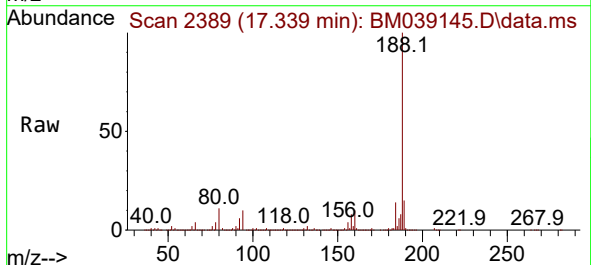
Instrument :
BNA_M
ClientSampleId :
R-PITMS

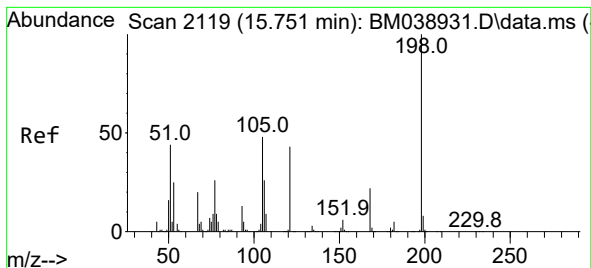
Tgt Ion: 77 Resp: 1893216
Ion Ratio Lower Upper
77 100
182 23.8 2.0 42.0
105 21.8 0.4 40.4
51 27.0 8.0 48.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.339 min Scan# 2389
Delta R.T. -0.006 min
Lab File: BM039145.D
Acq: 24 Mar 2023 17:13

Tgt Ion:188 Resp: 979248
Ion Ratio Lower Upper
188 100
94 10.1 7.9 11.9
80 10.9 8.5 12.7

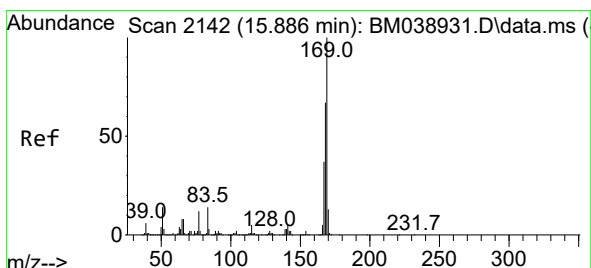
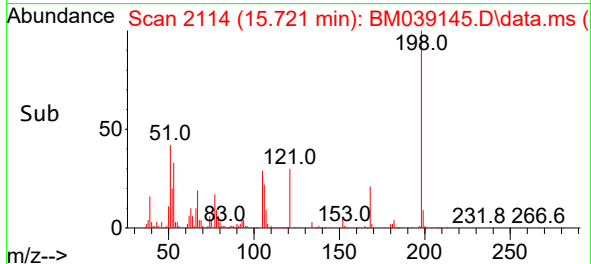
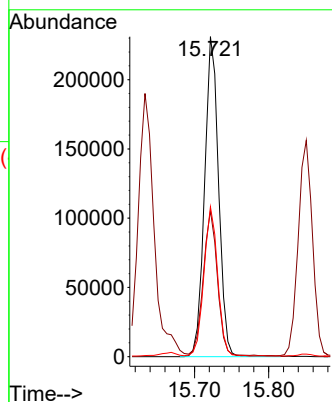
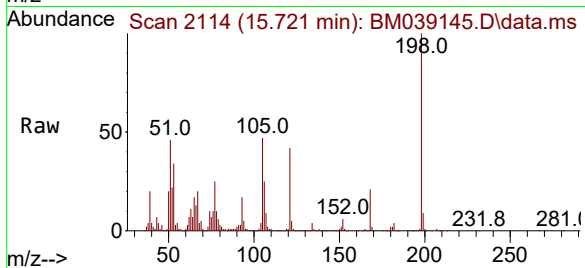




#65
4,6-Dinitro-2-methylphenol
Concen: 47.279 ng
RT: 15.721 min Scan# 2114
Delta R.T. -0.006 min
Lab File: BM039145.D
Acq: 24 Mar 2023 17:13

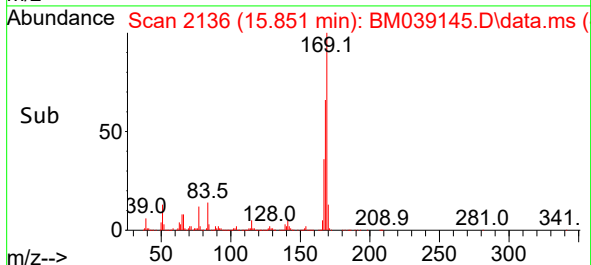
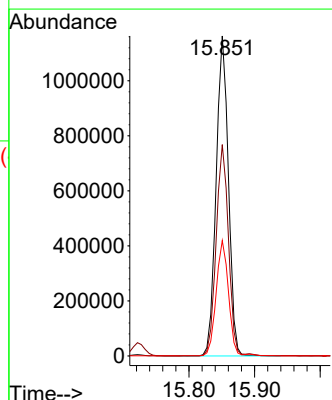
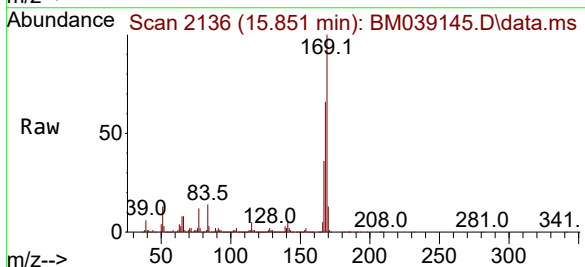
Instrument :
BNA_M
ClientSampleId :
R-PITMS

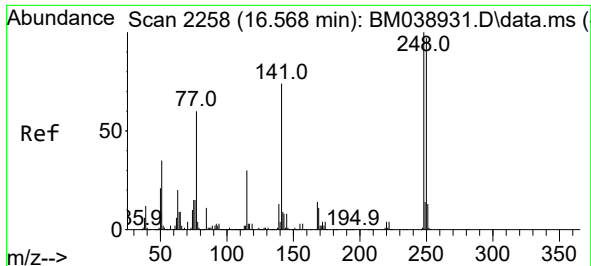
Tgt Ion:198 Resp: 303708
Ion Ratio Lower Upper
198 100
51 45.7 30.1 70.1
105 46.9 29.3 69.3



#66
n-Nitrosodiphenylamine
Concen: 45.652 ng
RT: 15.851 min Scan# 2136
Delta R.T. -0.006 min
Lab File: BM039145.D
Acq: 24 Mar 2023 17:13

Tgt Ion:169 Resp: 1507096
Ion Ratio Lower Upper
169 100
168 66.1 53.4 80.0
167 36.1 29.4 44.0

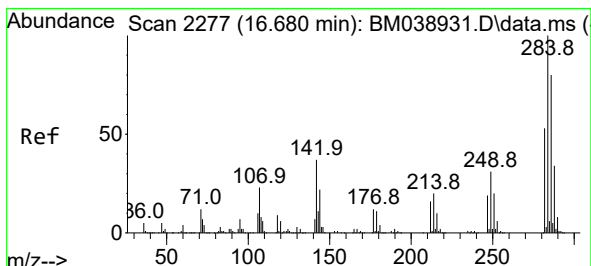
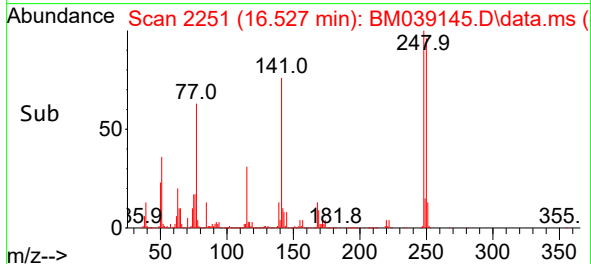
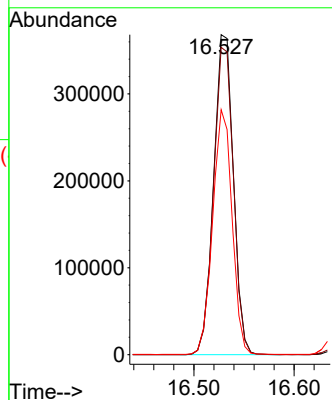
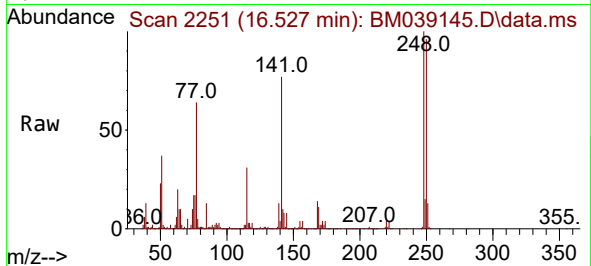




#67
4-Bromophenyl-phenylether
Concen: 47.622 ng
RT: 16.527 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM039145.D
Acq: 24 Mar 2023 17:13

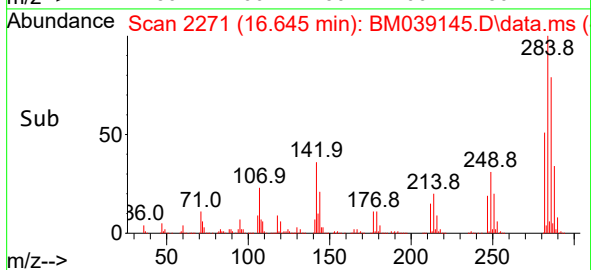
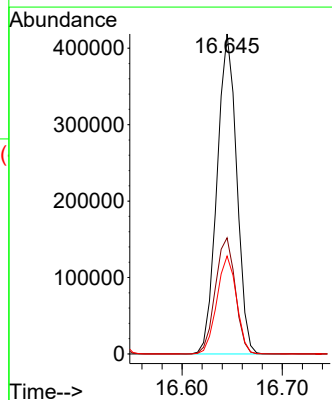
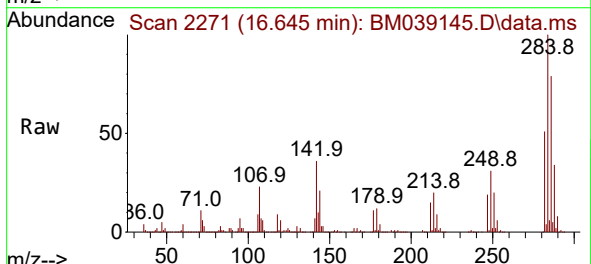
Instrument :
BNA_M
ClientSampleId :
R-PITMS

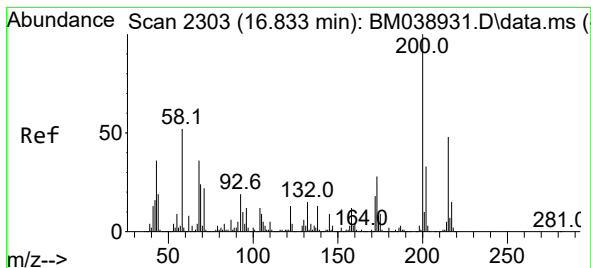
Tgt Ion:248 Resp: 503696
Ion Ratio Lower Upper
248 100
250 96.1 77.8 116.8
141 76.6 59.0 88.4



#68
Hexachlorobenzene
Concen: 48.139 ng
RT: 16.645 min Scan# 2271
Delta R.T. 0.000 min
Lab File: BM039145.D
Acq: 24 Mar 2023 17:13

Tgt Ion:284 Resp: 569190
Ion Ratio Lower Upper
284 100
142 36.3 29.5 44.3
249 30.6 25.0 37.4





#69

Atrazine

Concen: 51.898 ng

RT: 16.804 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM039145.D

Acq: 24 Mar 2023 17:13

Instrument :

BNA_M

ClientSampleId :

R-PITMS

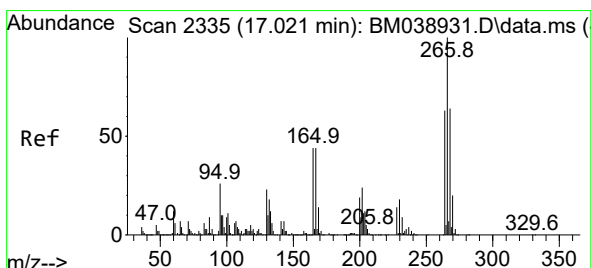
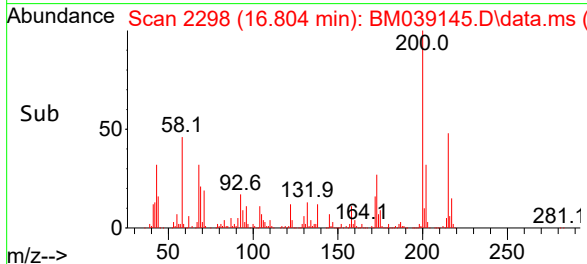
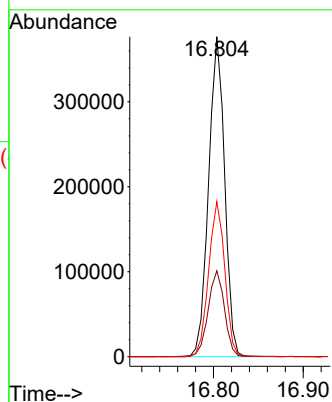
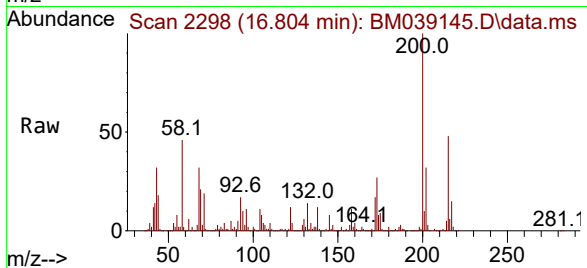
Tgt Ion:200 Resp: 467976

Ion Ratio Lower Upper

200 100

173 26.8 8.2 48.2

215 48.5 27.8 67.8



#70

Pentachlorophenol

Concen: 83.674 ng

RT: 16.992 min Scan# 2330

Delta R.T. 0.000 min

Lab File: BM039145.D

Acq: 24 Mar 2023 17:13

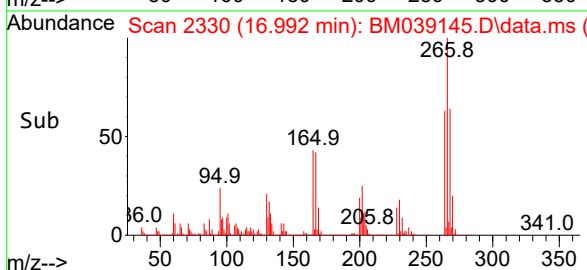
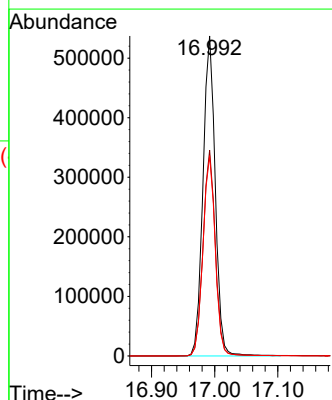
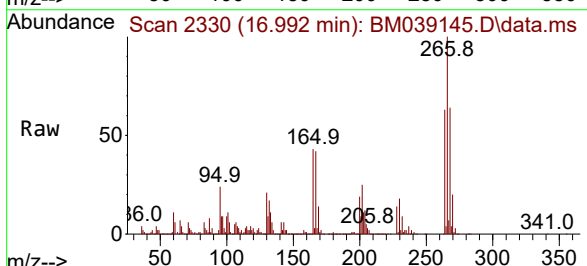
Tgt Ion:266 Resp: 727672

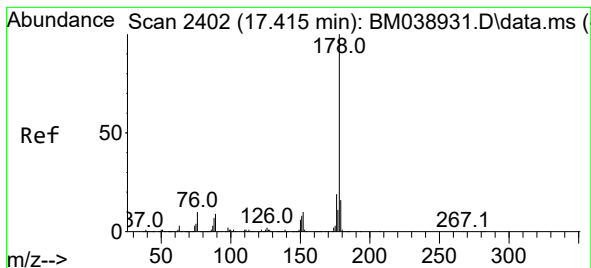
Ion Ratio Lower Upper

266 100

268 64.3 51.0 76.4

264 62.6 50.3 75.5





#71

Phenanthrene

Concen: 44.995 ng

RT: 17.386 min Scan# 2412

Delta R.T. 0.000 min

Lab File: BM039145.D

Acq: 24 Mar 2023 17:13

Instrument :

BNA_M

ClientSampleId :

R-PITMS

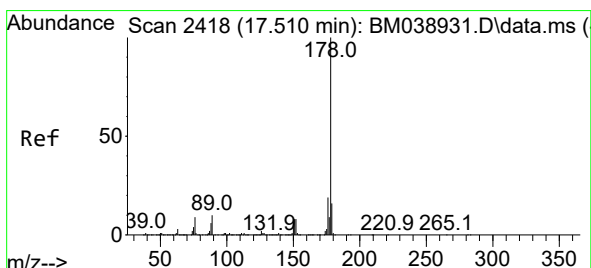
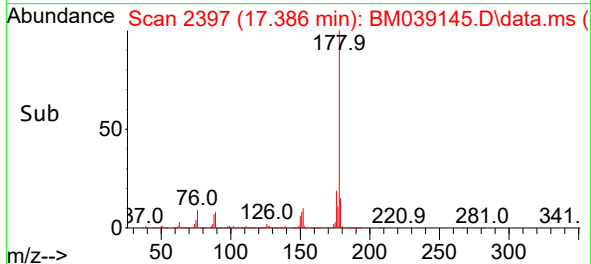
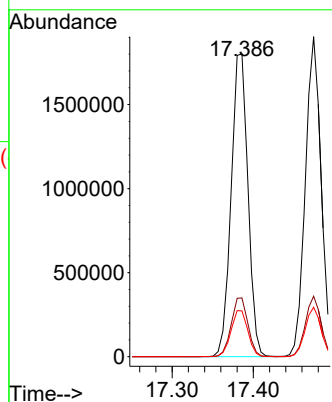
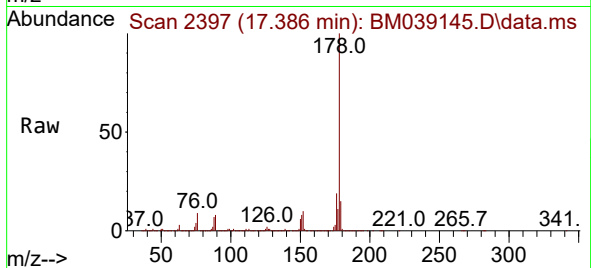
Tgt Ion:178 Resp: 2585986

Ion Ratio Lower Upper

178 100

176 19.4 15.6 23.4

179 15.1 12.5 18.7



#72

Anthracene

Concen: 45.010 ng

RT: 17.474 min Scan# 2412

Delta R.T. 0.000 min

Lab File: BM039145.D

Acq: 24 Mar 2023 17:13

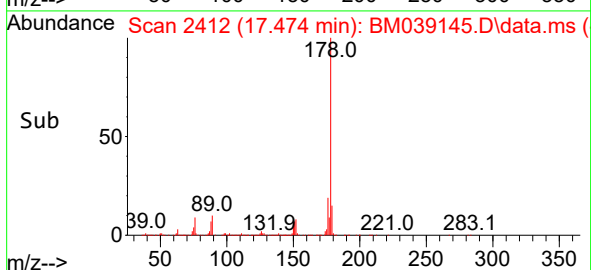
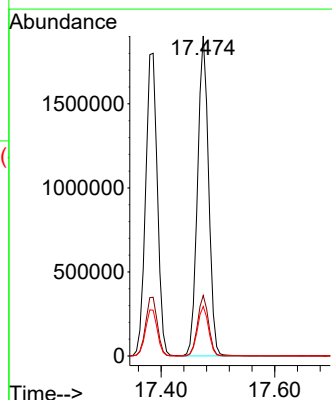
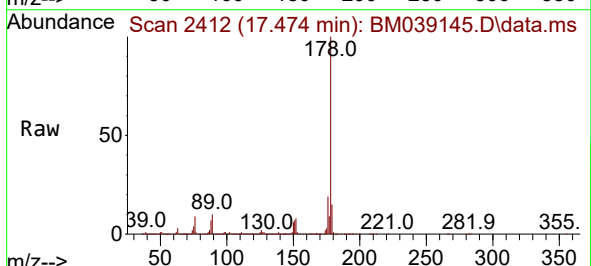
Tgt Ion:178 Resp: 2579737

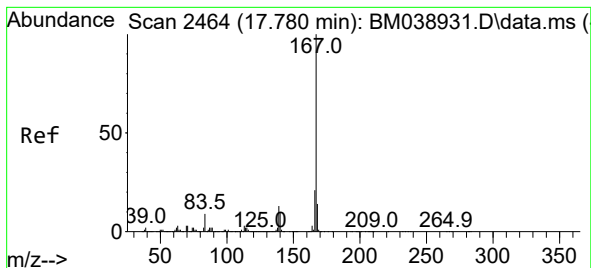
Ion Ratio Lower Upper

178 100

176 18.9 15.3 22.9

179 15.5 12.5 18.7





#73

Carbazole

Concen: 44.571 ng

RT: 17.745 min Scan# 24

Delta R.T. -0.006 min

Lab File: BM039145.D

Acq: 24 Mar 2023 17:13

Instrument :

BNA_M

ClientSampleId :

R-PITMS

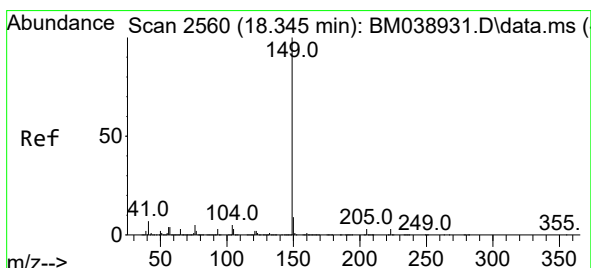
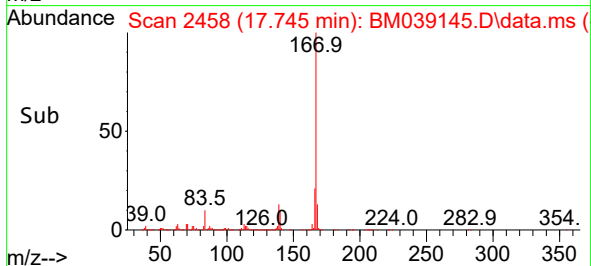
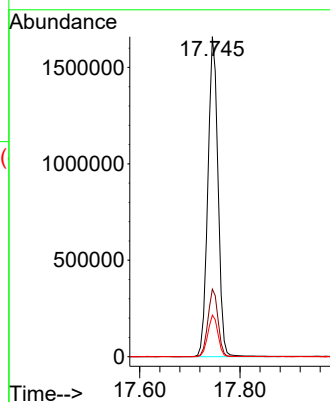
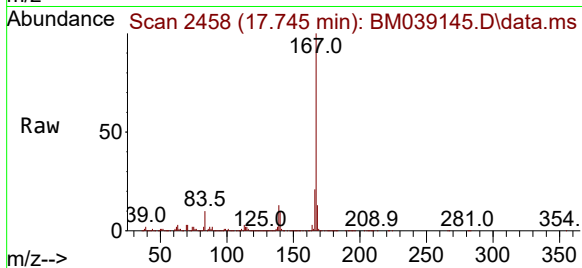
Tgt Ion:167 Resp: 2331478

Ion Ratio Lower Upper

167 100

166 21.1 17.0 25.4

139 13.0 10.3 15.5



#74

Di-n-butylphthalate

Concen: 43.927 ng

RT: 18.309 min Scan# 2554

Delta R.T. 0.000 min

Lab File: BM039145.D

Acq: 24 Mar 2023 17:13

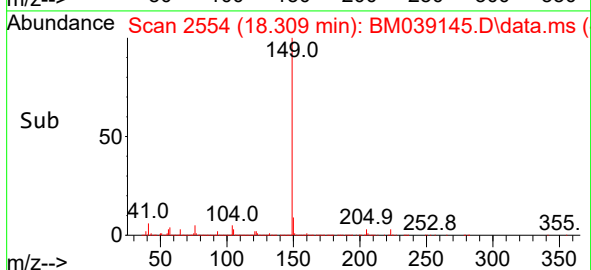
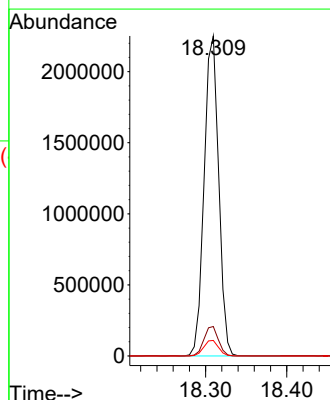
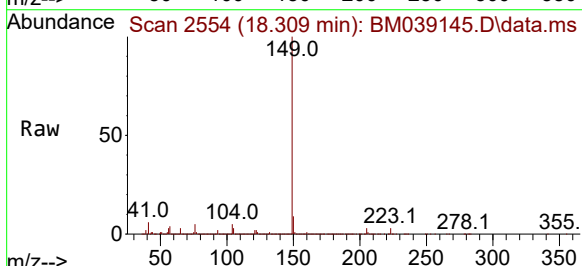
Tgt Ion:149 Resp: 2792469

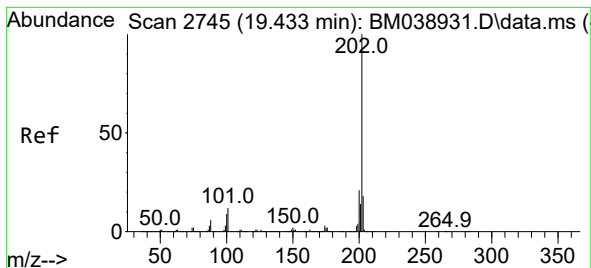
Ion Ratio Lower Upper

149 100

150 9.2 7.4 11.2

104 4.9 4.3 6.5





#75

Fluoranthene

Concen: 43.099 ng

RT: 19.398 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM039145.D

Acq: 24 Mar 2023 17:13

Instrument :

BNA_M

ClientSampleId :

R-PITMS

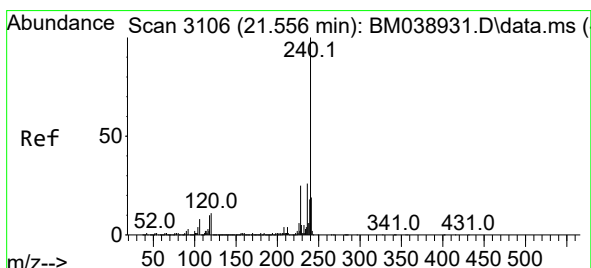
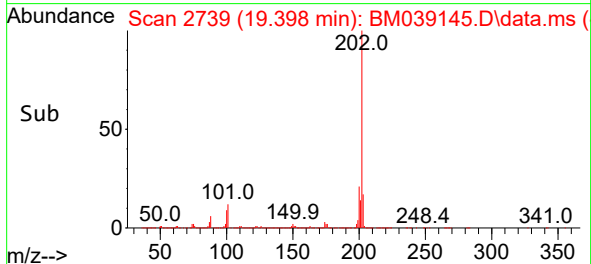
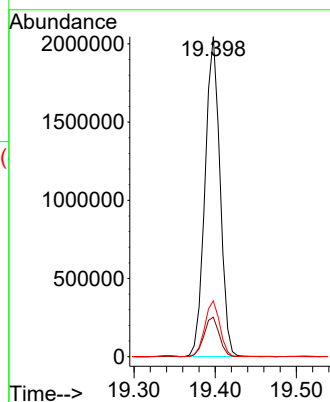
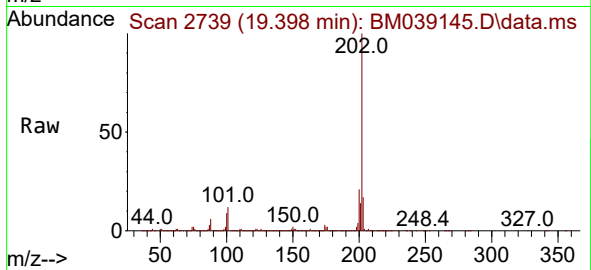
Tgt Ion:202 Resp: 2615356

Ion Ratio Lower Upper

202 100

101 12.4 0.0 31.7

203 17.5 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: BM039145.D

Acq: 24 Mar 2023 17:13

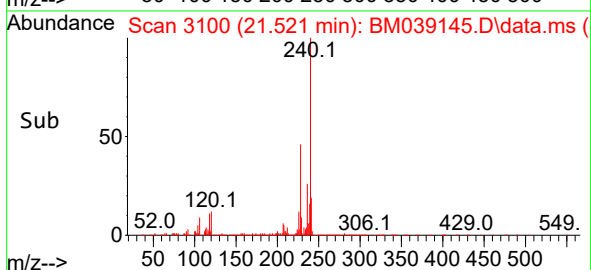
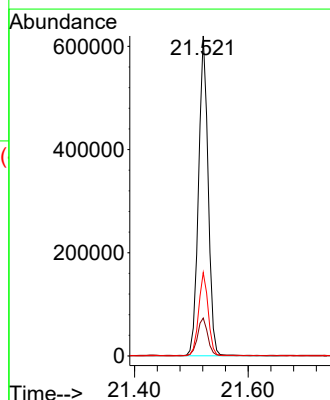
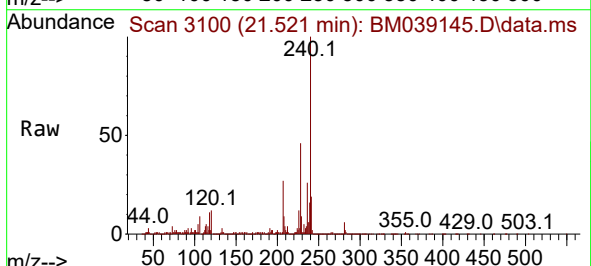
Tgt Ion:240 Resp: 730737

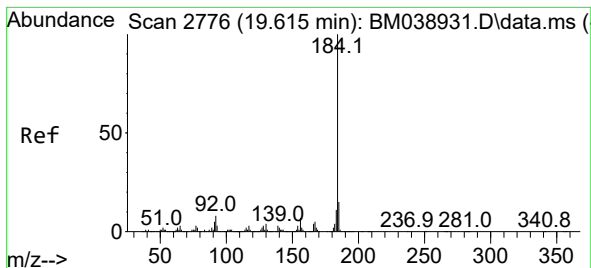
Ion Ratio Lower Upper

240 100

120 11.8 9.2 13.8

236 26.0 20.8 31.2





#77

Benzidine

Concen: 62.212 ng

RT: 19.580 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM039145.D

Acq: 24 Mar 2023 17:13

Instrument :

BNA_M

ClientSampleId :

R-PITMS

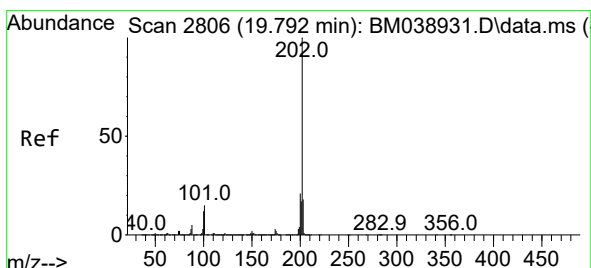
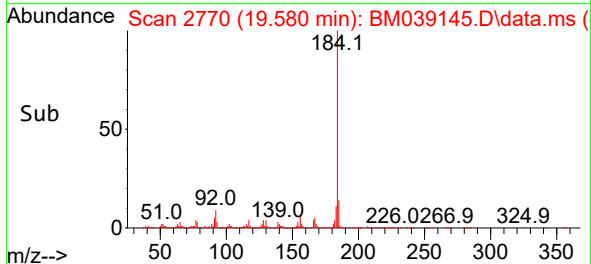
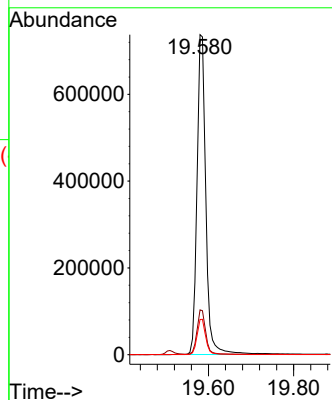
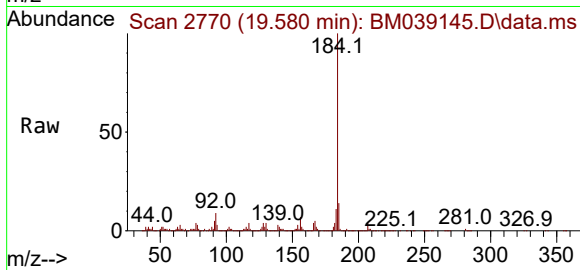
Tgt Ion:184 Resp: 1063001

Ion Ratio Lower Upper

184 100

185 14.0 12.2 18.4

183 11.0 8.8 13.2



#78

Pyrene

Concen: 49.084 ng

RT: 19.756 min Scan# 2800

Delta R.T. -0.006 min

Lab File: BM039145.D

Acq: 24 Mar 2023 17:13

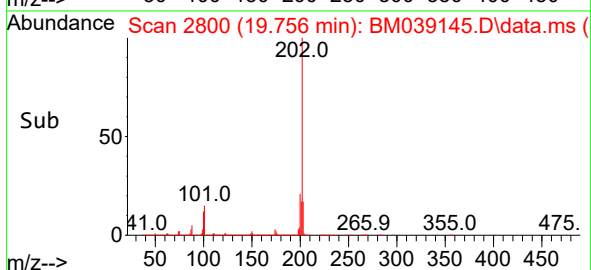
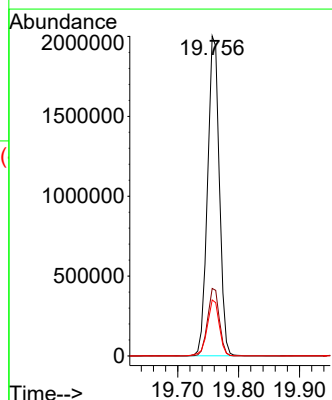
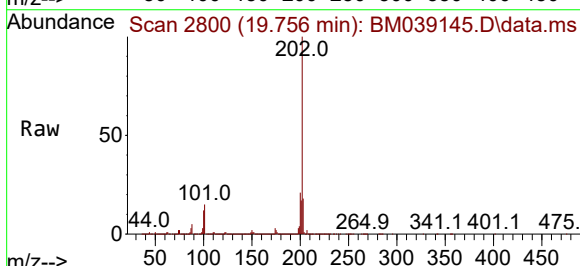
Tgt Ion:202 Resp: 2693919

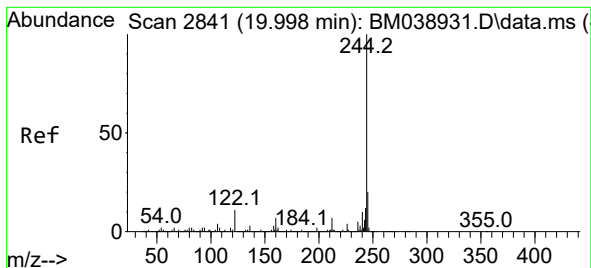
Ion Ratio Lower Upper

202 100

200 21.1 17.1 25.7

203 17.5 14.1 21.1





#79

Terphenyl-d14

Concen: 48.860 ng

RT: 19.956 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM039145.D

Acq: 24 Mar 2023 17:13

Instrument :

BNA_M

ClientSampleId :

R-PITMS

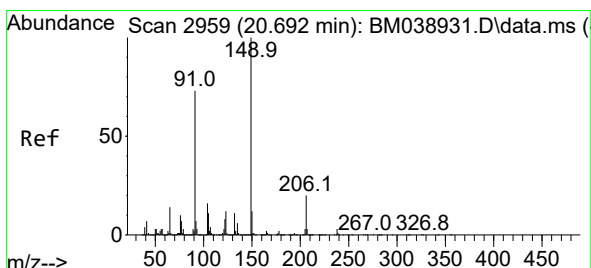
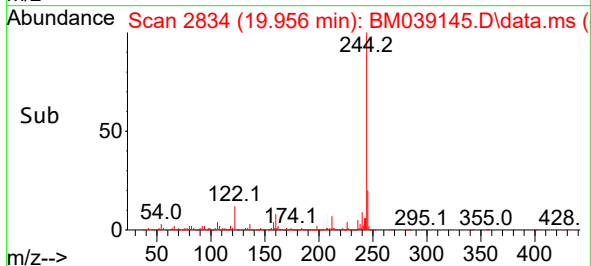
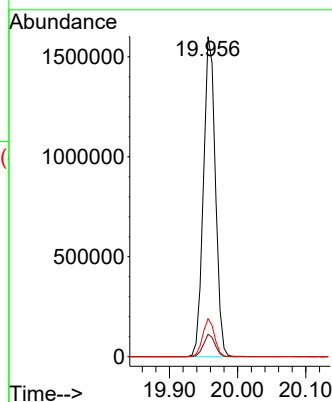
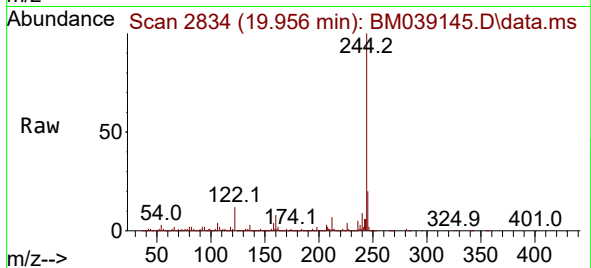
Tgt Ion:244 Resp: 1952818

Ion Ratio Lower Upper

244 100

212 7.0 5.5 8.3

122 11.9 9.0 13.4



#80

Butylbenzylphthalate

Concen: 48.169 ng

RT: 20.656 min Scan# 2953

Delta R.T. 0.000 min

Lab File: BM039145.D

Acq: 24 Mar 2023 17:13

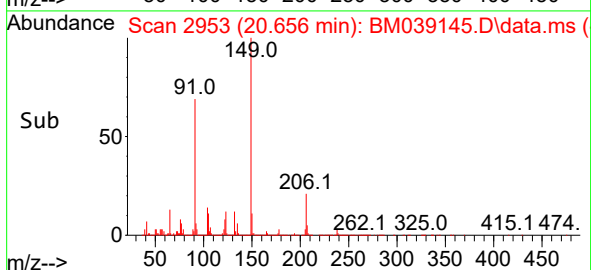
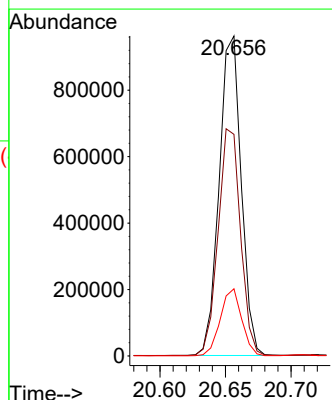
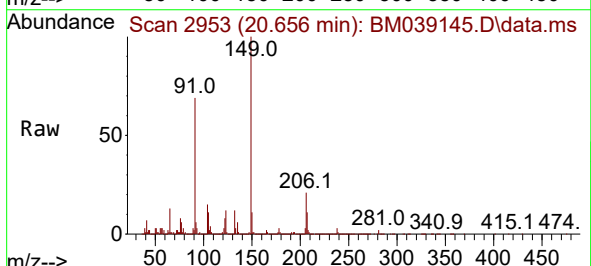
Tgt Ion:149 Resp: 1124412

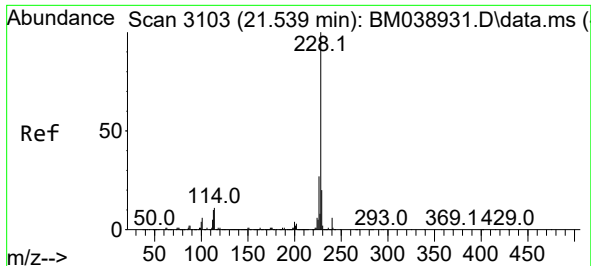
Ion Ratio Lower Upper

149 100

91 69.3 58.4 87.6

206 21.0 16.1 24.1

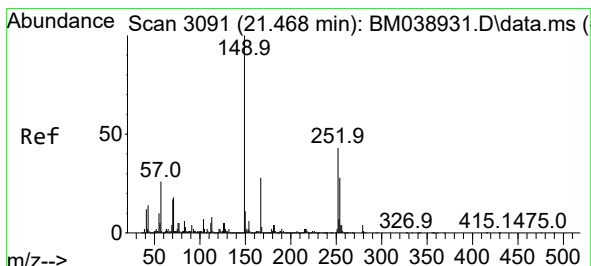
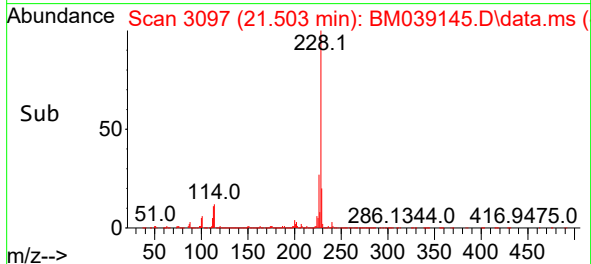
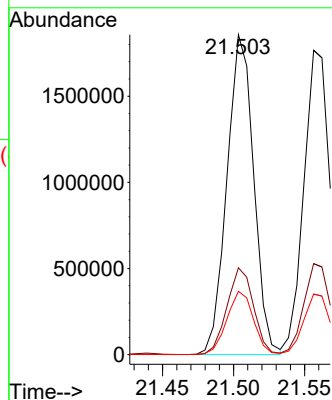
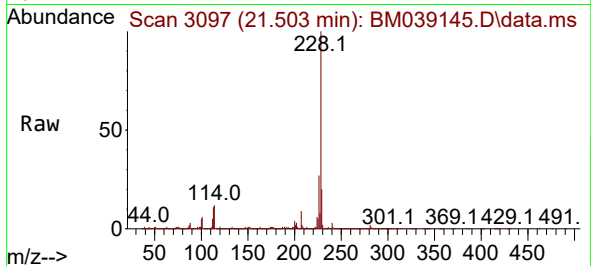




#81
Benzo(a)anthracene
Concen: 46.238 ng
RT: 21.503 min Scan# 3086
Delta R.T. -0.006 min
Lab File: BM039145.D
Acq: 24 Mar 2023 17:13

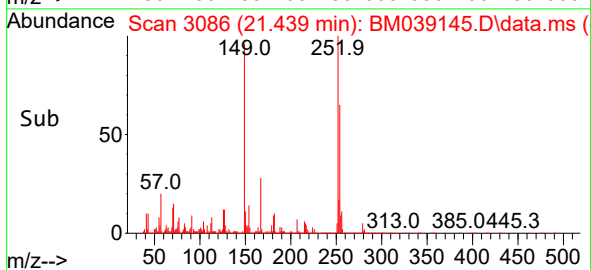
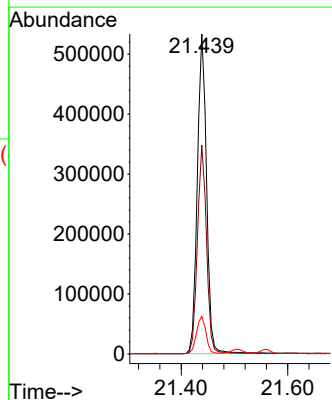
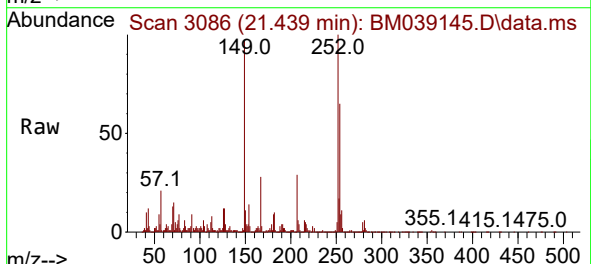
Instrument :
BNA_M
ClientSampleId :
R-PITMS

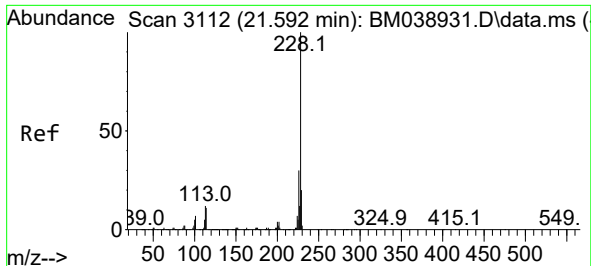
Tgt Ion:228 Resp: 2433227
Ion Ratio Lower Upper
228 100
226 27.2 21.4 32.2
229 19.8 15.7 23.5



#82
3,3'-Dichlorobenzidine
Concen: 39.685 ng
RT: 21.439 min Scan# 3086
Delta R.T. -0.006 min
Lab File: BM039145.D
Acq: 24 Mar 2023 17:13

Tgt Ion:252 Resp: 641835
Ion Ratio Lower Upper
252 100
254 65.3 51.5 77.3
126 11.7 9.9 14.9

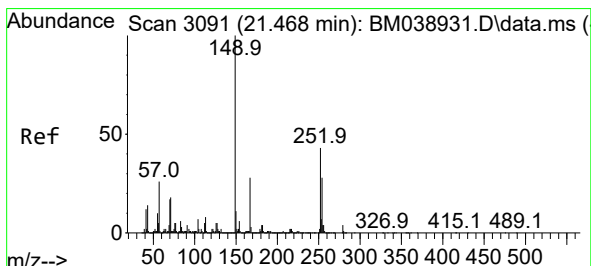
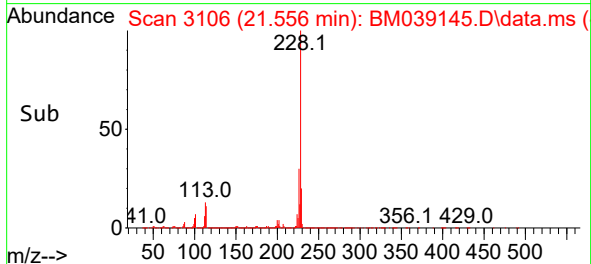
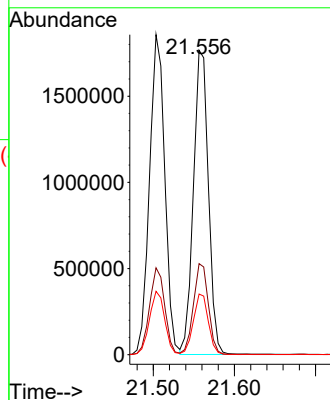
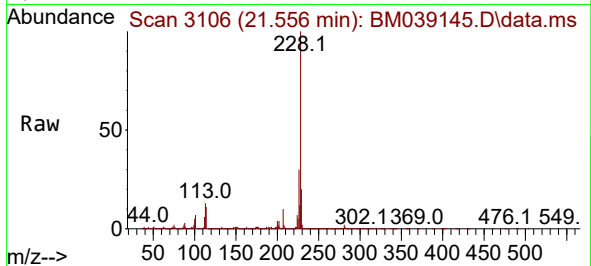




#83
Chrysene
Concen: 44.396 ng
RT: 21.556 min Scan# 3112
Delta R.T. -0.006 min
Lab File: BM039145.D
Acq: 24 Mar 2023 17:13

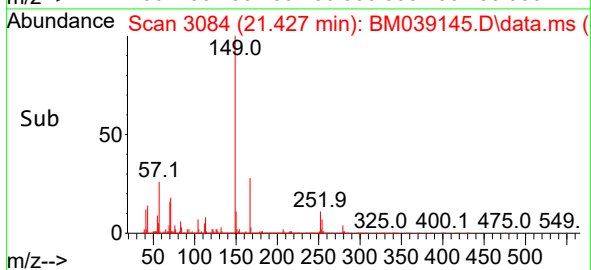
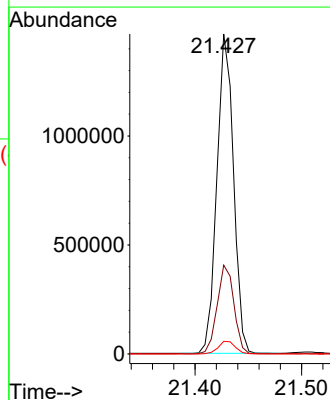
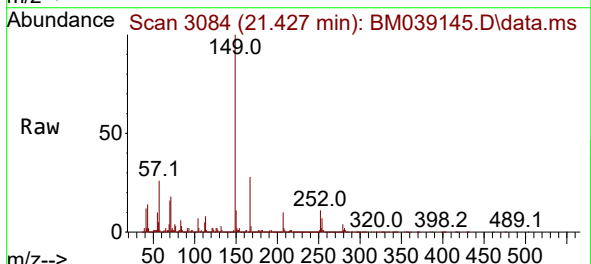
Instrument :
BNA_M
ClientSampleId :
R-PITMS

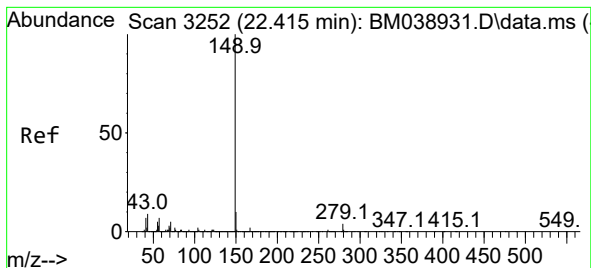
Tgt Ion:228 Resp: 2272248
Ion Ratio Lower Upper
228 100
226 29.9 24.0 36.0
229 19.9 16.0 24.0



#84
Bis(2-ethylhexyl)phthalate
Concen: 46.957 ng
RT: 21.427 min Scan# 3084
Delta R.T. -0.006 min
Lab File: BM039145.D
Acq: 24 Mar 2023 17:13

Tgt Ion:149 Resp: 1582494
Ion Ratio Lower Upper
149 100
167 27.8 22.3 33.5
279 3.9 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 47.769 ng

RT: 22.362 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM039145.D

Acq: 24 Mar 2023 17:13

Instrument :

BNA_M

ClientSampleId :

R-PITMS

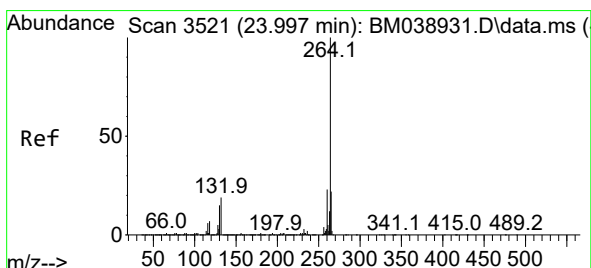
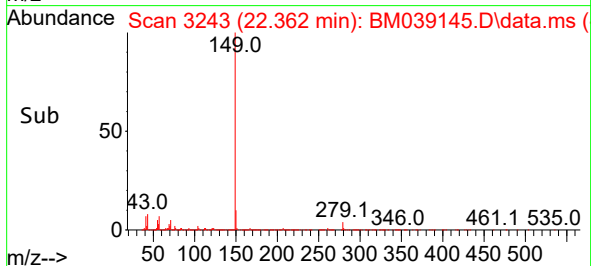
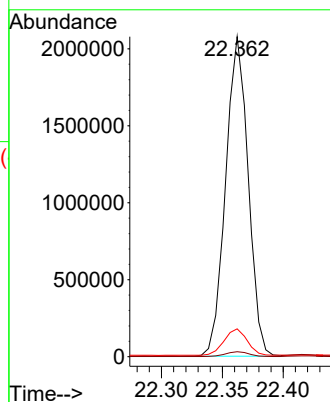
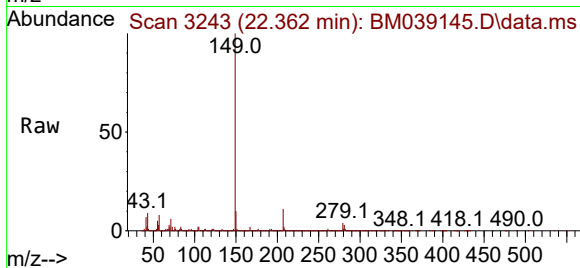
Tgt Ion:149 Resp: 2673703

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 8.4 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: BM039145.D

Acq: 24 Mar 2023 17:13

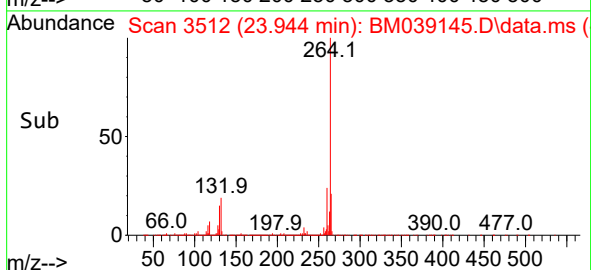
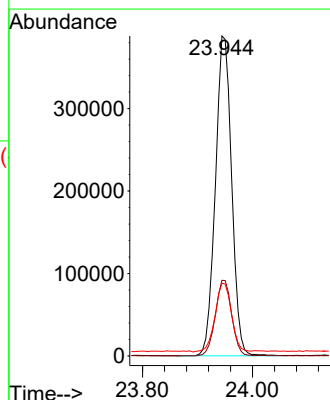
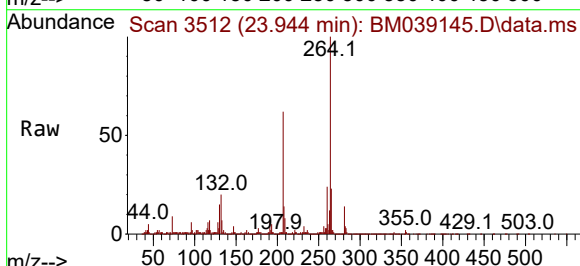
Tgt Ion:264 Resp: 795514

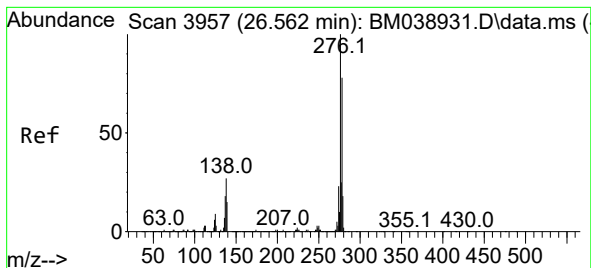
Ion Ratio Lower Upper

264 100

260 23.6 18.7 28.1

265 22.8 17.9 26.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 51.677 ng

RT: 26.480 min Scan# 3943

Delta R.T. -0.012 min

Lab File: BM039145.D

Acq: 24 Mar 2023 17:13

Instrument :

BNA_M

ClientSampleId :

R-PITMS

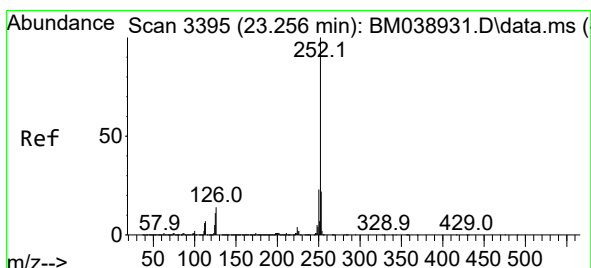
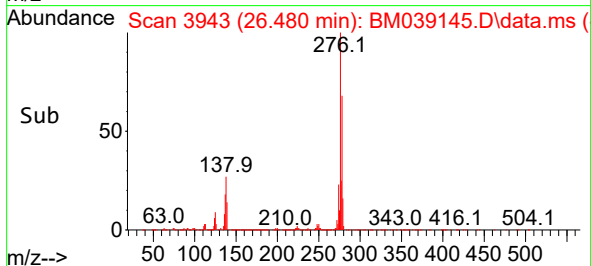
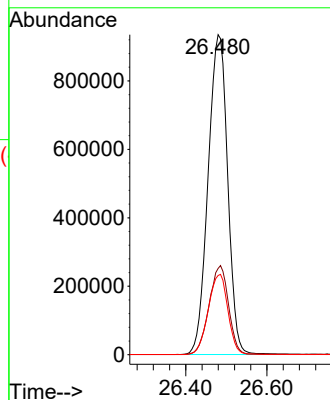
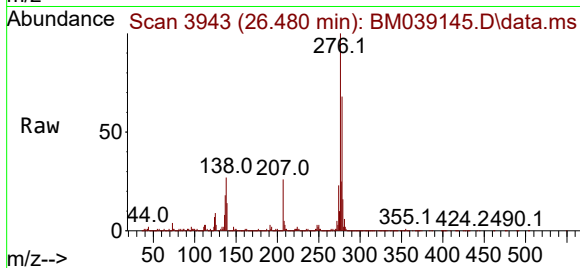
Tgt Ion:276 Resp: 3128158

Ion Ratio Lower Upper

276 100

138 27.8 22.1 33.1

277 25.1 20.1 30.1



#88

Benzo(b)fluoranthene

Concen: 47.143 ng

RT: 23.209 min Scan# 3387

Delta R.T. -0.006 min

Lab File: BM039145.D

Acq: 24 Mar 2023 17:13

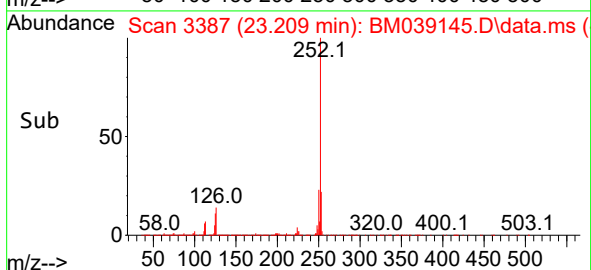
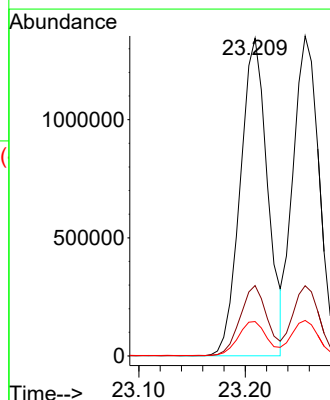
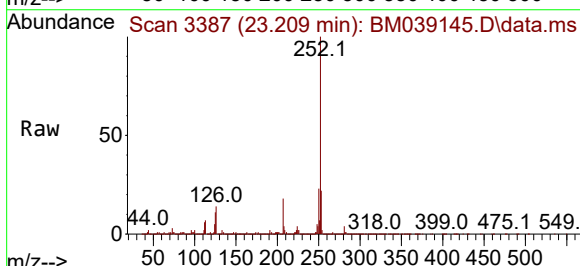
Tgt Ion:252 Resp: 2395925

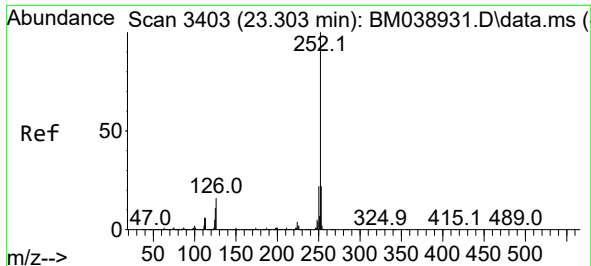
Ion Ratio Lower Upper

252 100

253 22.2 17.6 26.4

125 10.8 8.8 13.2

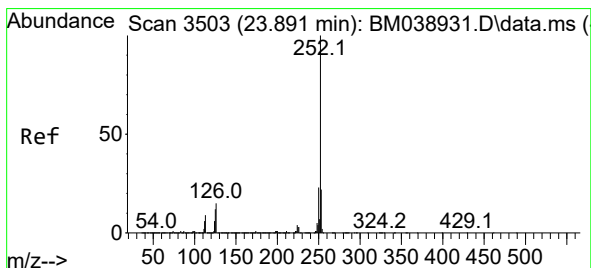
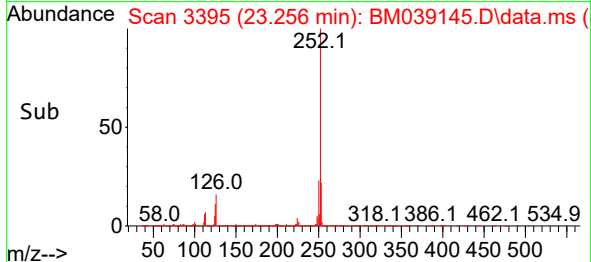
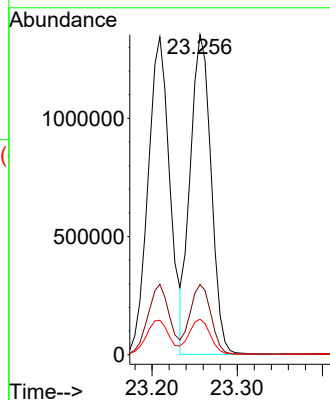
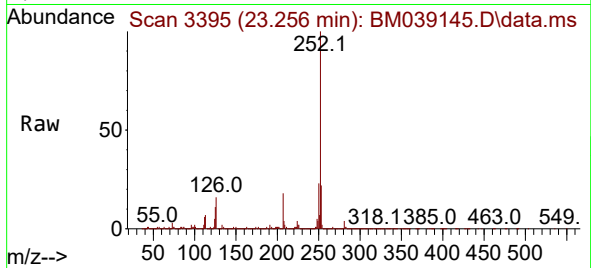




#89
Benzo(k)fluoranthene
Concen: 43.394 ng
RT: 23.256 min Scan# 31
Delta R.T. -0.012 min
Lab File: BM039145.D
Acq: 24 Mar 2023 17:13

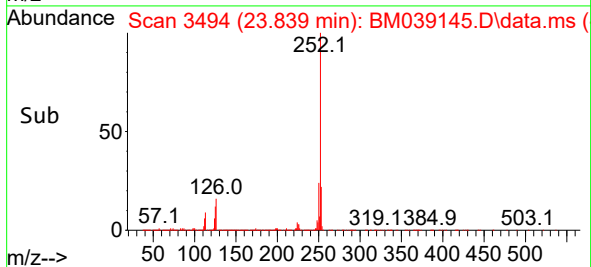
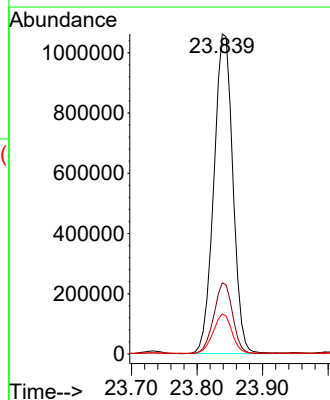
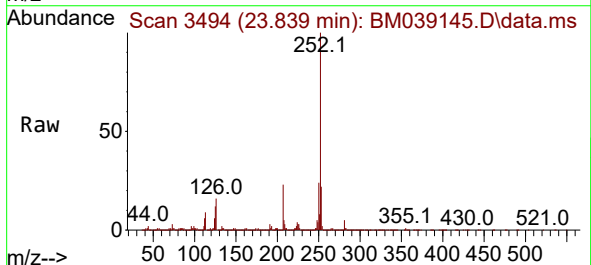
Instrument :
BNA_M
ClientSampleId :
R-PITMS

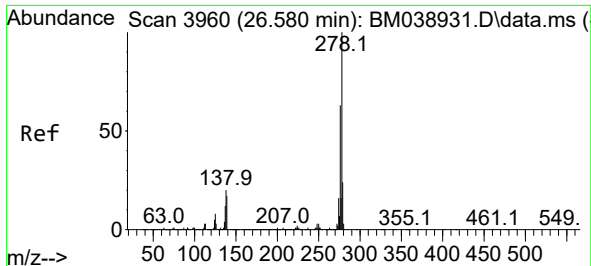
Tgt Ion:252 Resp: 2295187
Ion Ratio Lower Upper
252 100
253 22.0 17.5 26.3
125 11.1 8.9 13.3



#90
Benzo(a)pyrene
Concen: 43.605 ng
RT: 23.839 min Scan# 3494
Delta R.T. -0.012 min
Lab File: BM039145.D
Acq: 24 Mar 2023 17:13

Tgt Ion:252 Resp: 2132852
Ion Ratio Lower Upper
252 100
253 22.2 17.6 26.4
125 12.5 9.8 14.8

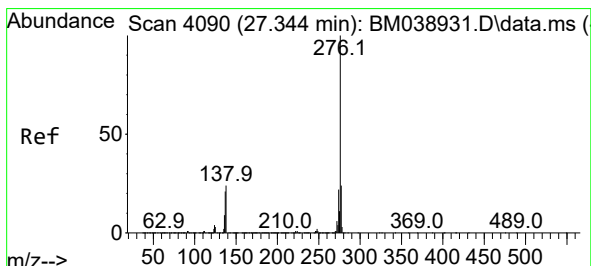
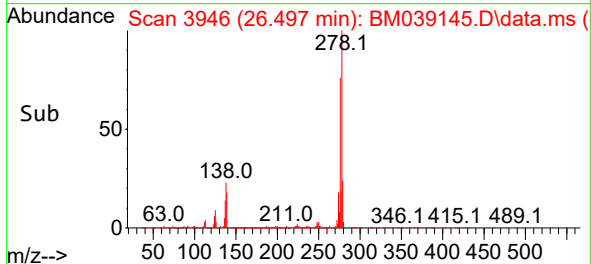
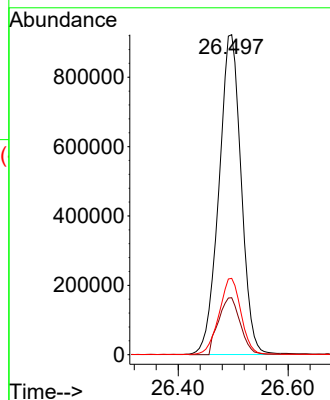
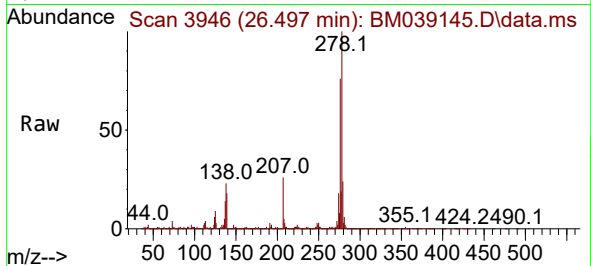




#91
Dibenzo(a,h)anthracene
Concen: 50.499 ng
RT: 26.497 min Scan# 3960
Delta R.T. -0.012 min
Lab File: BM039145.D
Acq: 24 Mar 2023 17:13

Instrument :
BNA_M
ClientSampleId :
R-PITMS

Tgt Ion:278 Resp: 2588798
Ion Ratio Lower Upper
278 100
139 17.8 13.7 20.5
279 23.8 18.9 28.3



#92
Benzo(g,h,i)perylene
Concen: 52.879 ng
RT: 27.262 min Scan# 4076
Delta R.T. -0.012 min
Lab File: BM039145.D
Acq: 24 Mar 2023 17:13

Tgt Ion:276 Resp: 2652131
Ion Ratio Lower Upper
276 100
277 23.8 19.3 28.9
138 24.0 19.0 28.6

