

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032023\
 Data File : BM039050.D
 Acq On : 20 Mar 2023 18:39
 Operator : CG/JU
 Sample : 01965-01MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 COMP-1MSD

Quant Time: Mar 21 01:47:23 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 17 05:25:34 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.975	152	331386	20.000	ng	0.00
21) Naphthalene-d8	10.786	136	1289851	20.000	ng	0.00
39) Acenaphthene-d10	14.610	164	675712	20.000	ng	0.00
64) Phenanthrene-d10	17.356	188	1232584	20.000	ng	0.00
76) Chrysene-d12	21.538	240	970985	20.000	ng	0.00
86) Perylene-d12	23.974	264	1160003	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	2188027	100.313	ng	0.00
7) Phenol-d6	7.134	99	2861126	100.987	ng	0.00
23) Nitrobenzene-d5	9.139	82	1759261	66.997	ng	0.00
42) 2,4,6-Tribromophenol	16.098	330	705157	90.209	ng	0.00
45) 2-Fluorobiphenyl	13.239	172	3401938	65.540	ng	0.00
79) Terphenyl-d14	19.974	244	3786631	71.301	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.393	88	397962	41.012	ng	99
3) Pyridine	3.798	79	1038143	38.576	ng	98
4) n-Nitrosodimethylamine	3.710	42	481598	43.977	ng	96
6) Aniline	7.298	93	971241	26.109	ng	100
8) 2-Chlorophenol	7.534	128	1084894	46.719	ng	99
9) Benzaldehyde	7.104	77	845391	62.706	ng	98
10) Phenol	7.163	94	1407891	46.795	ng	98
11) bis(2-Chloroethyl)ether	7.392	93	1097536	44.869	ng	100
12) 1,3-Dichlorobenzene	7.863	146	1165624	47.233	ng	99
13) 1,4-Dichlorobenzene	8.010	146	1179847	47.009	ng	99
14) 1,2-Dichlorobenzene	8.328	146	1135215	46.956	ng	99
15) Benzyl Alcohol	8.216	79	946126	46.592	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.510	45	1445632	46.795	ng	100
17) 2-Methylphenol	8.416	107	884377	42.790	ng	98
18) Hexachloroethane	9.057	117	451594	48.767	ng	99
19) n-Nitroso-di-n-propyla...	8.786	70	821400	46.030	ng	99
20) 3+4-Methylphenols	8.745	107	1173782	42.534	ng	98
22) Acetophenone	8.804	105	1610669	44.508	ng	# 99
24) Nitrobenzene	9.186	77	1206111	43.700	ng	99
25) Isophorone	9.716	82	2171319	44.935	ng	100
26) 2-Nitrophenol	9.898	139	550320	45.335	ng	97
27) 2,4-Dimethylphenol	9.957	122	966773	45.917	ng	99
28) bis(2-Chloroethoxy)met...	10.198	93	1384723	44.599	ng	100
29) 2,4-Dichlorophenol	10.433	162	904746	45.324	ng	99
30) 1,2,4-Trichlorobenzene	10.645	180	970558	44.494	ng	100
31) Naphthalene	10.839	128	3178915	43.221	ng	100
32) Benzoic acid	10.086	122	690694	45.104	ng	98
33) 4-Chloroaniline	10.945	127	242103	7.724	ng	98
34) Hexachlorobutadiene	11.122	225	549380	43.918	ng	99
35) Caprolactam	11.739	113	270875	44.585	ng	96
36) 4-Chloro-3-methylphenol	12.069	107	941442	44.291	ng	99
37) 2-Methylnaphthalene	12.445	142	2048370	41.552	ng	99
38) 1-Methylnaphthalene	12.663	142	1926544	41.702	ng	100
40) 1,2,4,5-Tetrachloroben...	12.810	216	1001902	45.609	ng	99
41) Hexachlorocyclopentadiene	12.792	237	1278330	106.016	ng	99
43) 2,4,6-Trichlorophenol	13.045	196	660926	46.463	ng	98

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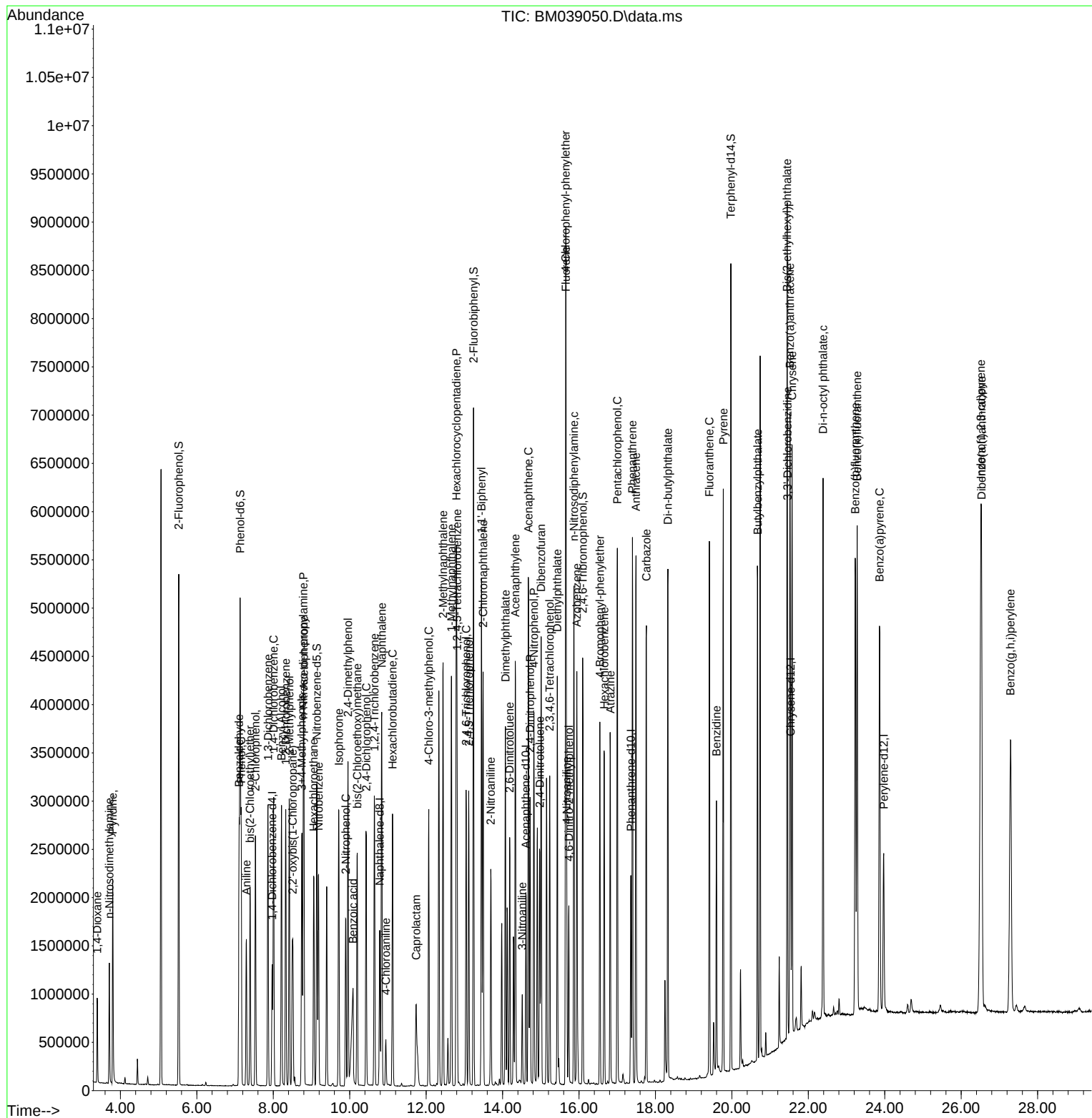
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.116	196	702753	42.207	ng	99
46) 1,1'-Biphenyl	13.451	154	2600979	45.436	ng	99
47) 2-Chloronaphthalene	13.492	162	1964727	45.515	ng	99
48) 2-Nitroaniline	13.692	65	601253	43.711	ng	100
49) Acenaphthylene	14.333	152	3054223	44.420	ng	100
50) Dimethylphthalate	14.074	163	2245954	43.195	ng	100
51) 2,6-Dinitrotoluene	14.186	165	488662	42.663	ng	97
52) Acenaphthene	14.674	154	1849797	43.776	ng	98
53) 3-Nitroaniline	14.515	138	209348	16.647	ng	97
54) 2,4-Dinitrophenol	14.721	184	575255	86.580	ng	95
55) Dibenzofuran	15.009	168	2810189	42.498	ng	99
56) 4-Nitrophenol	14.821	139	938804	90.912	ng	98
57) 2,4-Dinitrotoluene	14.974	165	641261	42.618	ng	99
58) Fluorene	15.657	166	2234263	43.135	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.233	232	565060	44.004	ng	99
60) Diethylphthalate	15.433	149	2263197	44.734	ng	100
61) 4-Chlorophenyl-phenyle...	15.651	204	1092458	42.931	ng	98
62) 4-Nitroaniline	15.680	138	502758	37.155	ng	99
63) Azobenzene	15.945	77	2505592	46.805	ng	99
65) 4,6-Dinitro-2-methylph...	15.733	198	345749	43.247	ng	100
66) n-Nitrosodiphenylamine	15.868	169	1863776	44.853	ng	99
67) 4-Bromophenyl-phenylether	16.545	248	616451	46.303	ng	96
68) Hexachlorobenzene	16.662	284	685052	46.030	ng	100
69) Atrazine	16.821	200	590649	52.040	ng	97
70) Pentachlorophenol	17.003	266	904182	82.601	ng	99
71) Phenanthrene	17.398	178	3136419	43.356	ng	100
72) Anthracene	17.492	178	3214985	44.564	ng	100
73) Carbazole	17.762	167	2893302	43.944	ng	100
74) Di-n-butylphthalate	18.327	149	3755690	46.813	ng	100
75) Fluoranthene	19.409	202	3187185	41.728	ng	98
77) Benzidine	19.597	184	1491540	65.420	ng	99
78) Pyrene	19.774	202	3369715	46.205	ng	99
80) Butylbenzylphthalate	20.674	149	1515684	48.817	ng	98
81) Benzo(a)anthracene	21.521	228	3116768	44.573	ng	100
82) 3,3'-Dichlorobenzidine	21.456	252	766770	35.679	ng	98
83) Chrysene	21.574	228	2901861	42.669	ng	99
84) Bis(2-ethylhexyl)phtha...	21.444	149	2235677	49.767	ng	100
85) Di-n-octyl phthalate	22.385	149	3726442	49.919	ng	100
87) Indeno(1,2,3-cd)pyrene	26.515	276	4451831	50.436	ng	99
88) Benzo(b)fluoranthene	23.227	252	3405686	45.955	ng	99
89) Benzo(k)fluoranthene	23.280	252	3244966	42.074	ng	100
90) Benzo(a)pyrene	23.862	252	3063685	42.955	ng	99
91) Dibenzo(a,h)anthracene	26.532	278	3738062	50.006	ng	99
92) Benzo(g,h,i)perylene	27.291	276	3657123	50.006	ng	98

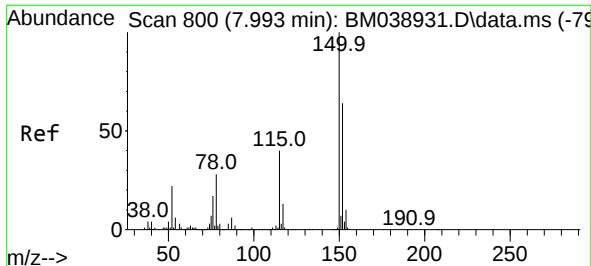
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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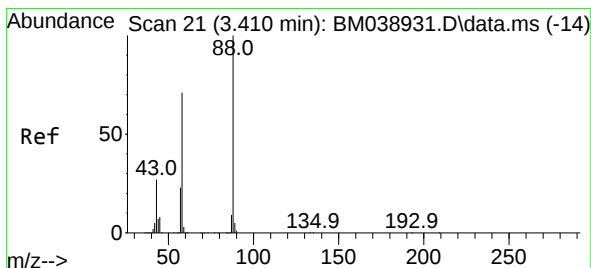
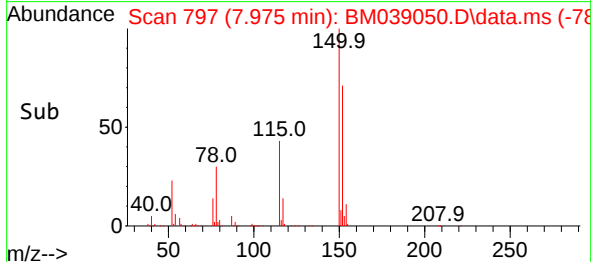
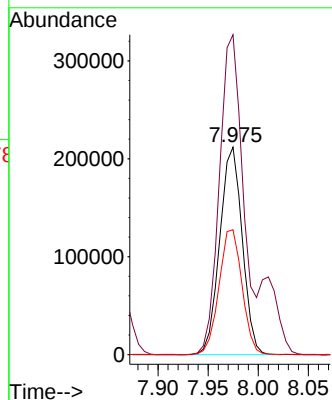
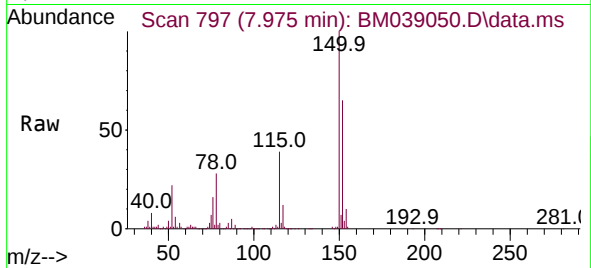




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.975 min Scan# 79
 Delta R.T. -0.000 min
 Lab File: BM039050.D
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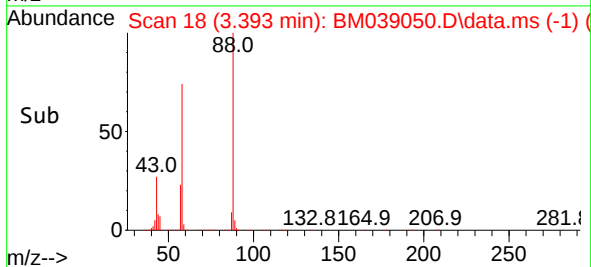
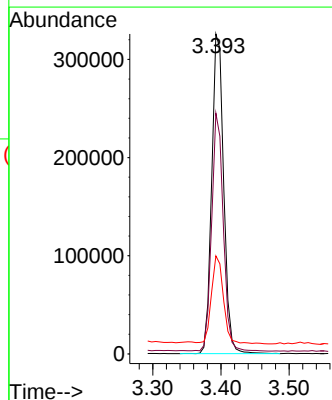
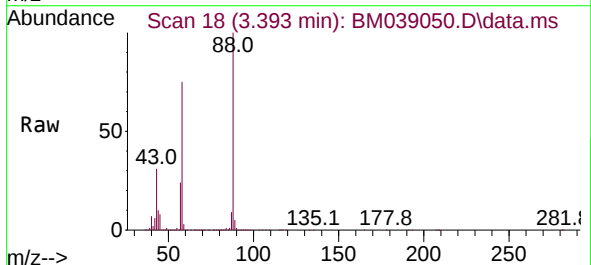
Instrument :
 BNA_M
 ClientSampleId :
 COMP-1MSD

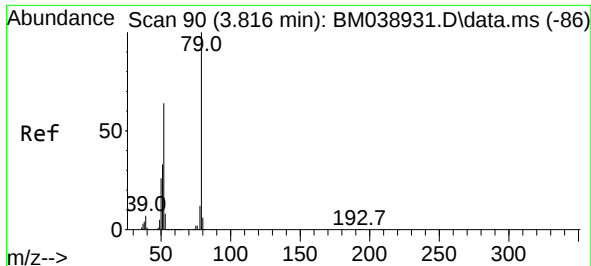
Tgt Ion:152 Resp: 331386
 Ion Ratio Lower Upper
 152 100
 150 154.2 125.1 187.7
 115 60.2 49.6 74.4



#2
 1,4-Dioxane
 Concen: 41.012 ng
 RT: 3.393 min Scan# 18
 Delta R.T. -0.000 min
 Lab File: BM039050.D
 Acq: 20 Mar 2023 18:39

Tgt Ion: 88 Resp: 397962
 Ion Ratio Lower Upper
 88 100
 58 72.4 57.2 85.8
 43 27.7 22.0 33.0



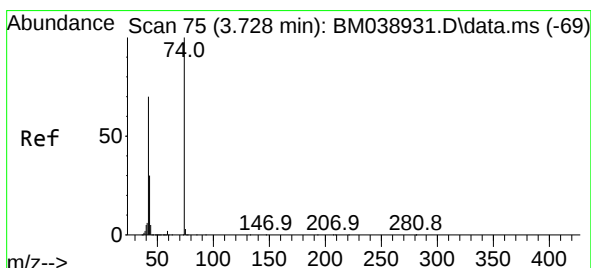
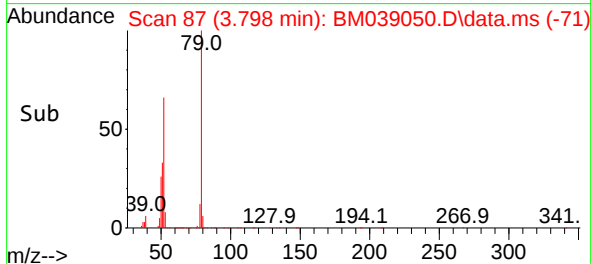
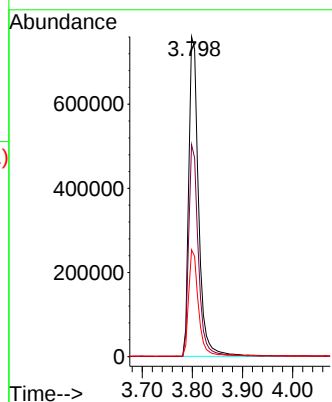
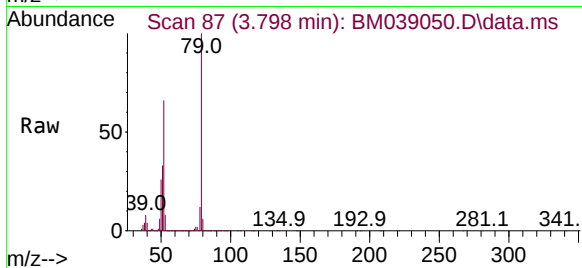


#3
 Pyridine
 Concen: 38.576 ng
 RT: 3.798 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BM039050.D
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Instrument :
 BNA_M
 ClientSampleId :
 COMP-1MSD

Tgt Ion: 79 Resp: 1038143

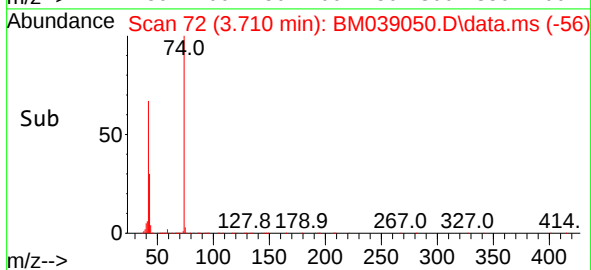
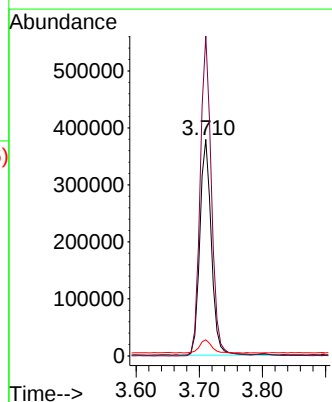
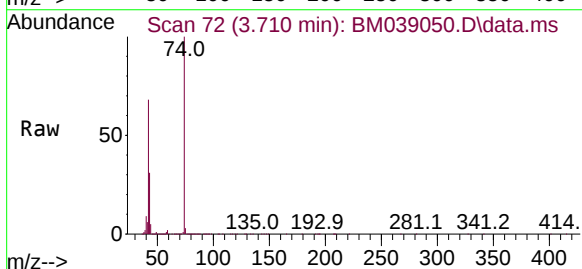
Ion	Ratio	Lower	Upper
79	100		
52	66.2	51.4	77.2
51	33.4	26.6	40.0

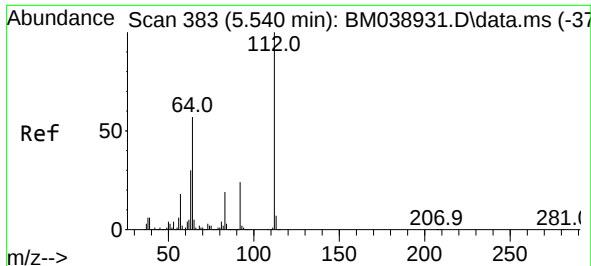


#4
 n-Nitrosodimethylamine
 Concen: 43.977 ng
 RT: 3.710 min Scan# 72
 Delta R.T. -0.006 min
 Lab File: BM039050.D
 Acq: 20 Mar 2023 18:39

Tgt Ion: 42 Resp: 481598

Ion	Ratio	Lower	Upper
42	100		
74	147.8	113.8	170.8
44	7.5	6.2	9.2

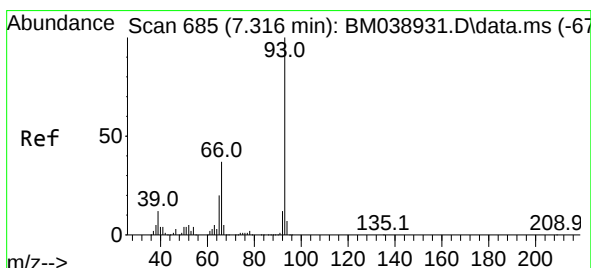
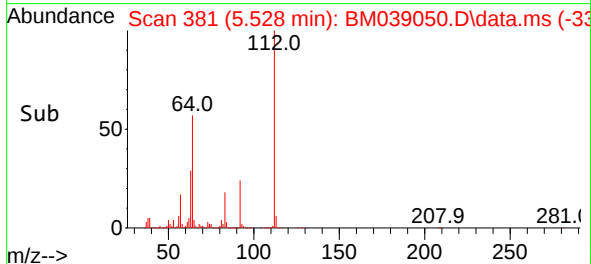
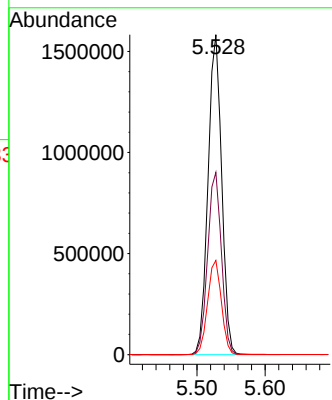
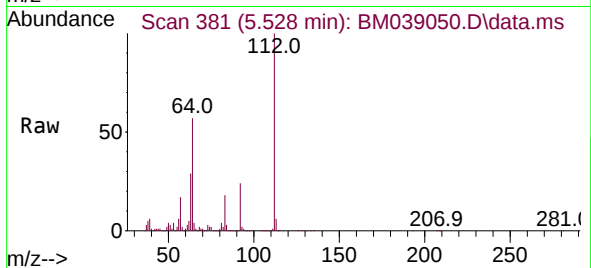




#5
2-Fluorophenol
Concen: 100.313 ng
RT: 5.528 min Scan# 381
Delta R.T. -0.000 min
Lab File: BM039050.D
Acq: 20 Mar 2023 18:39

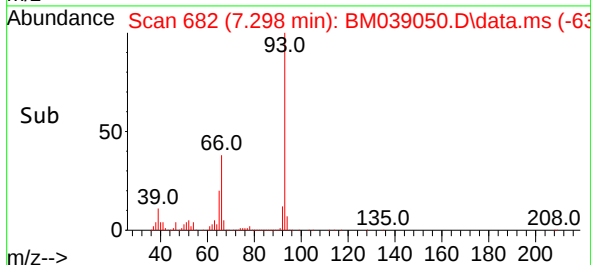
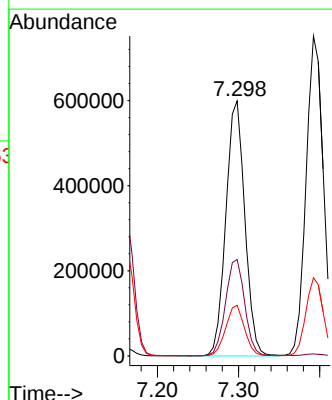
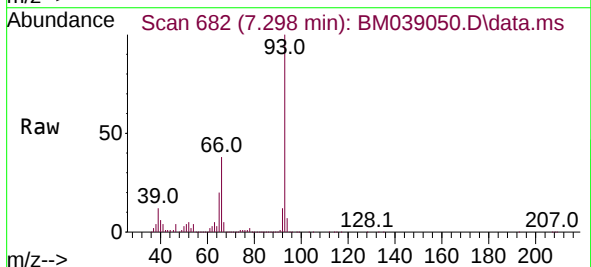
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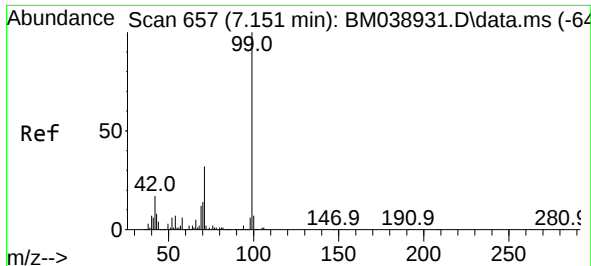
Tgt Ion:112 Resp: 2188027
Ion Ratio Lower Upper
112 100
64 56.9 45.9 68.9
63 29.4 23.8 35.8



#6
Aniline
Concen: 26.109 ng
RT: 7.298 min Scan# 682
Delta R.T. -0.000 min
Lab File: BM039050.D
Acq: 20 Mar 2023 18:39

Tgt Ion: 93 Resp: 971241
Ion Ratio Lower Upper
93 100
66 37.8 30.0 45.0
65 19.8 15.8 23.6



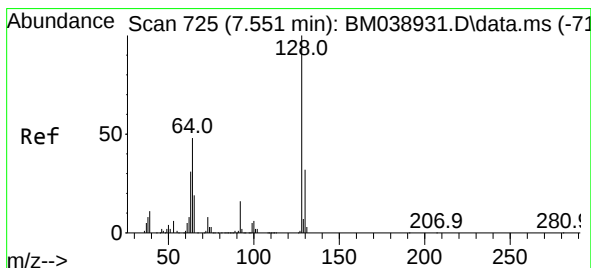
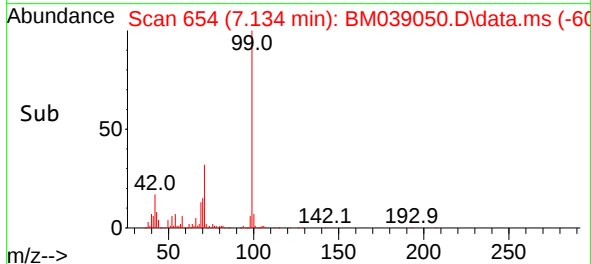
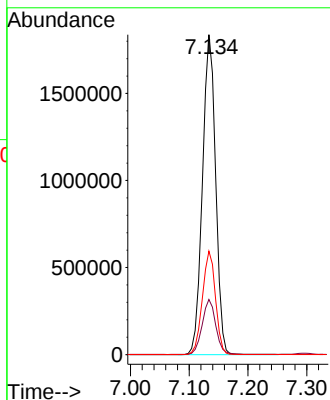
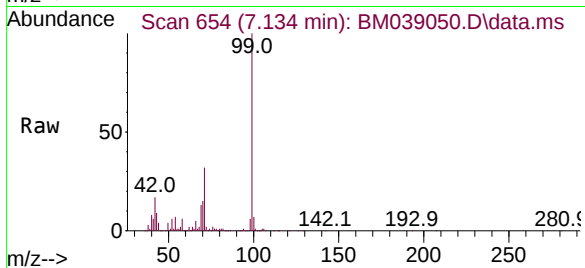


#7
Phenol-d6
Concen: 100.987 ng
RT: 7.134 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM039050.D
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Instrument :
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Tgt Ion: 99 Resp: 2861126

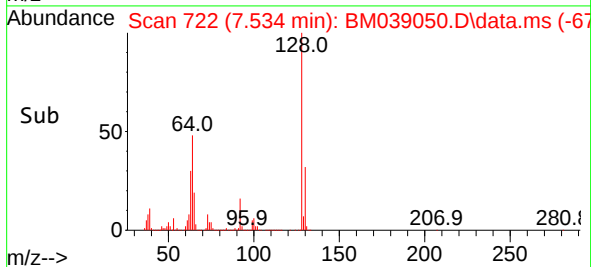
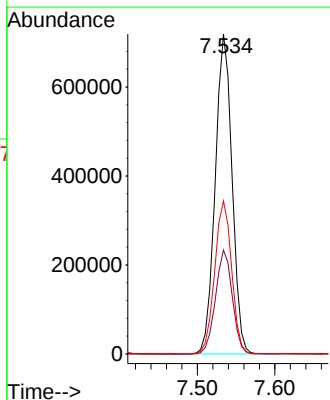
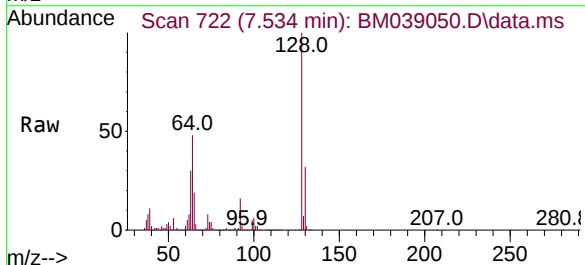
Ion	Ratio	Lower	Upper
99	100		
42	17.2	13.5	20.3
71	32.3	25.6	38.4

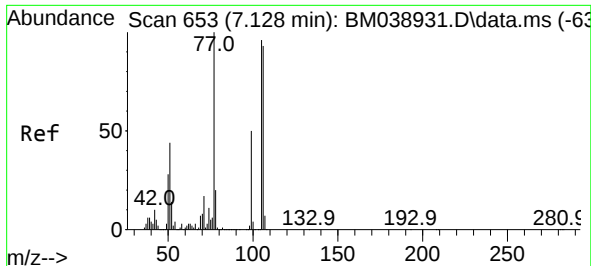


#8
2-Chlorophenol
Concen: 46.719 ng
RT: 7.534 min Scan# 722
Delta R.T. -0.006 min
Lab File: BM039050.D
Acq: 20 Mar 2023 18:39

Tgt Ion: 128 Resp: 1084894

Ion	Ratio	Lower	Upper
128	100		
130	32.5	11.9	51.9
64	47.8	28.6	68.6

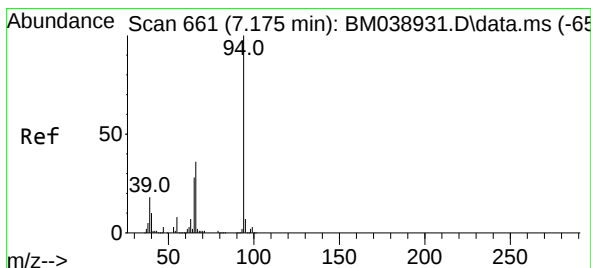
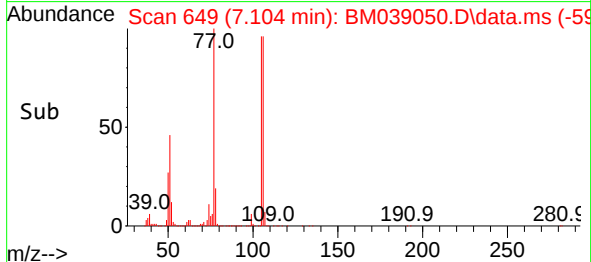
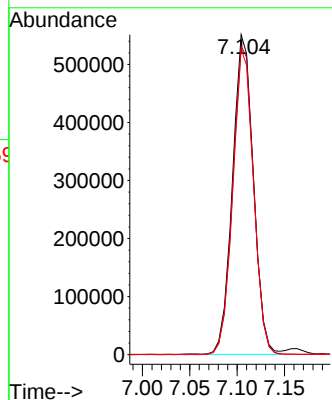
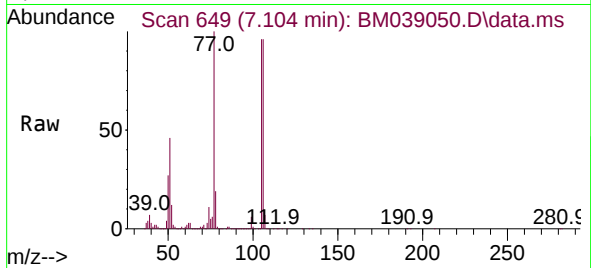




#9
Benzaldehyde
Concen: 62.706 ng
RT: 7.104 min Scan# 649
Delta R.T. -0.006 min
Lab File: BM039050.D
Acq: 20 Mar 2023 18:39

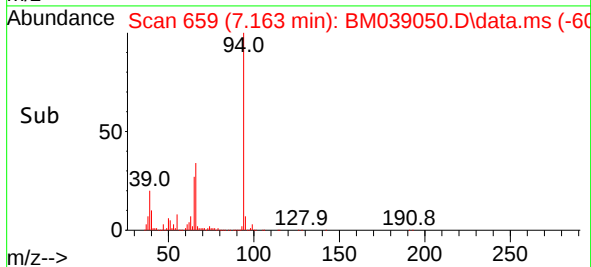
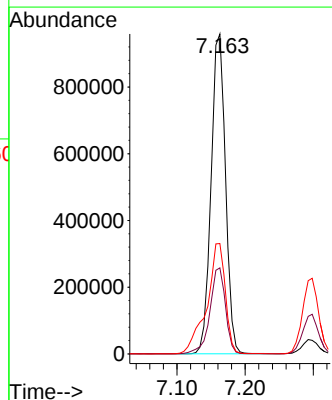
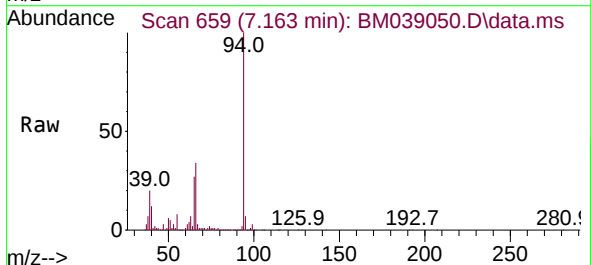
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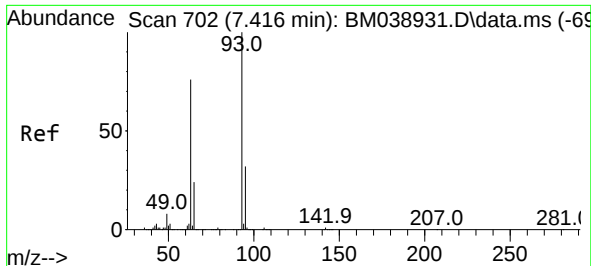
Tgt Ion: 77 Resp: 845391
Ion Ratio Lower Upper
77 100
105 96.4 75.8 115.8
106 95.6 72.6 112.6



#10
Phenol
Concen: 46.795 ng
RT: 7.163 min Scan# 659
Delta R.T. -0.000 min
Lab File: BM039050.D
Acq: 20 Mar 2023 18:39

Tgt Ion: 94 Resp: 1407891
Ion Ratio Lower Upper
94 100
65 26.9 7.9 47.9
66 34.5 15.8 55.8

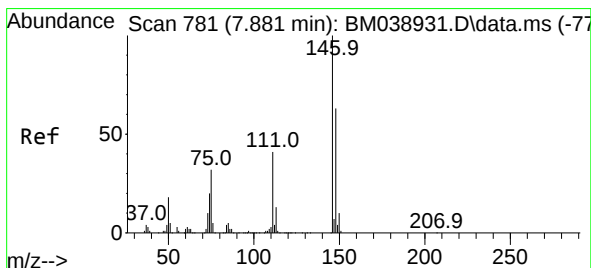
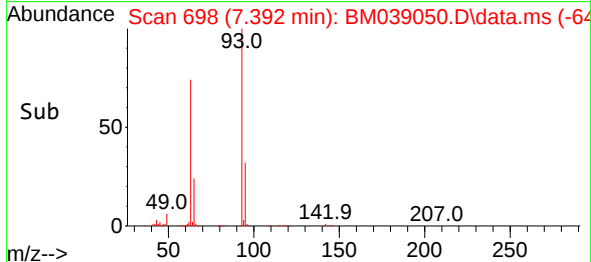
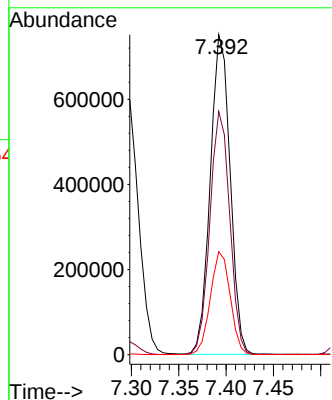
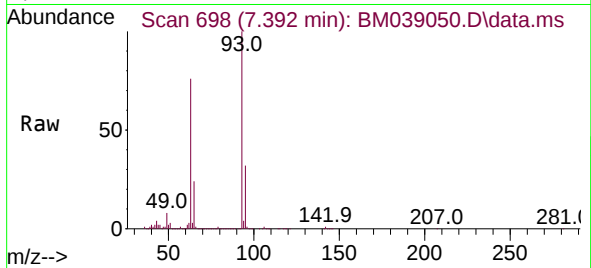




#11
bis(2-Chloroethyl)ether
Concen: 44.869 ng
RT: 7.392 min Scan# 69
Delta R.T. -0.006 min
Lab File: BM039050.D
Acq: 20 Mar 2023 18:39

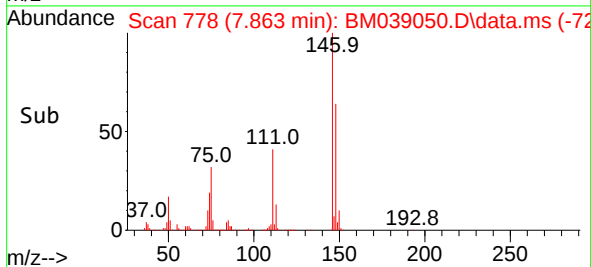
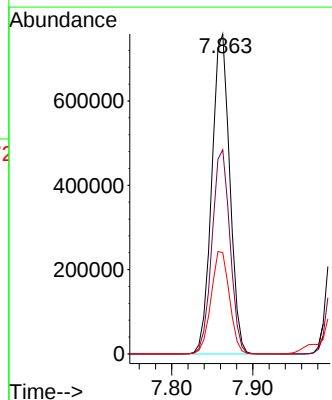
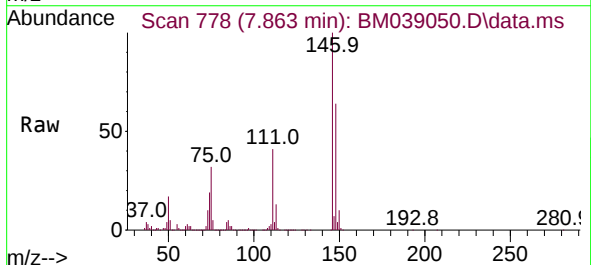
Instrument :
BNA_M
ClientSampleId :
COMP-1MSD

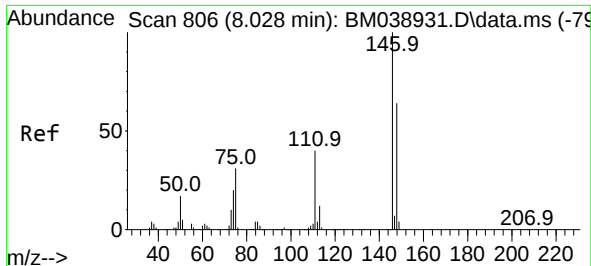
Tgt Ion: 93 Resp: 1097536
Ion Ratio Lower Upper
93 100
63 76.0 55.8 95.8
95 32.2 12.2 52.2



#12
1,3-Dichlorobenzene
Concen: 47.233 ng
RT: 7.863 min Scan# 778
Delta R.T. -0.000 min
Lab File: BM039050.D
Acq: 20 Mar 2023 18:39

Tgt Ion: 146 Resp: 1165624
Ion Ratio Lower Upper
146 100
148 63.8 50.6 75.8
75 31.7 26.0 39.0

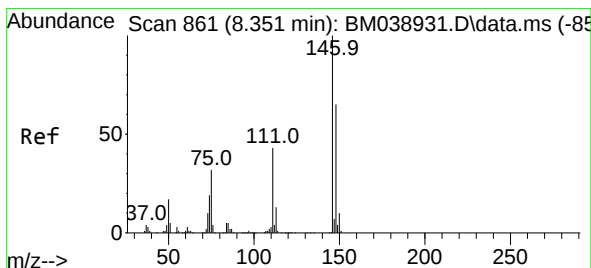
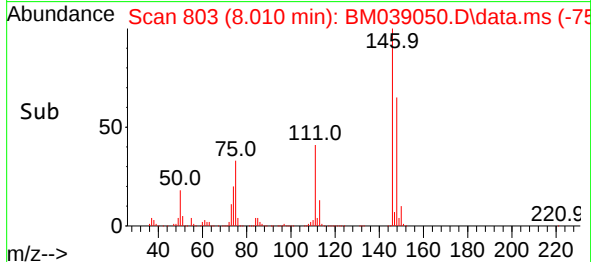
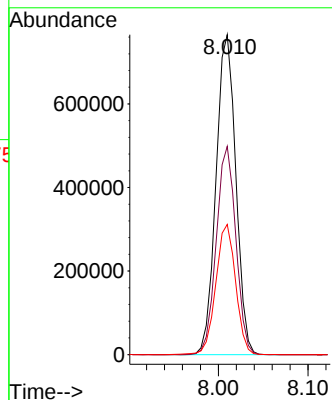
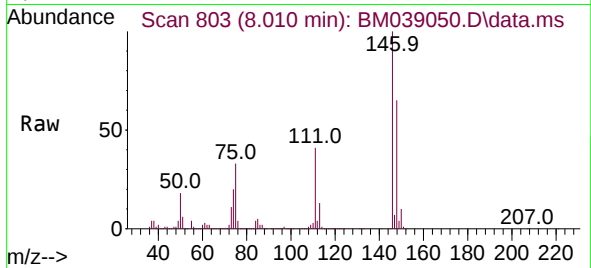




#13
1,4-Dichlorobenzene
Concen: 47.009 ng
RT: 8.010 min Scan# 80
Delta R.T. -0.000 min
Lab File: BM039050.D
Acq: 20 Mar 2023 18:39

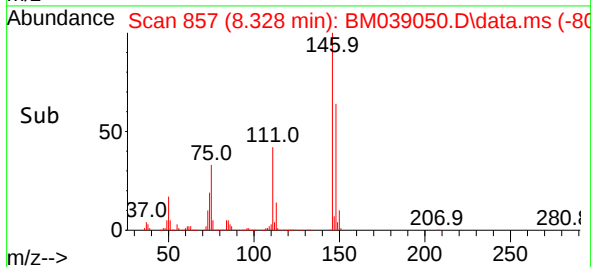
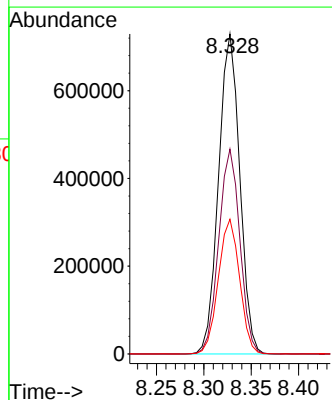
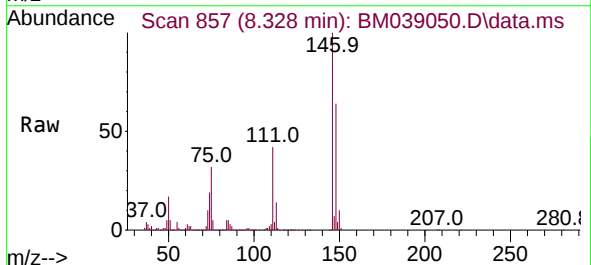
Instrument :
BNA_M
ClientSampleId :
COMP-1MSD

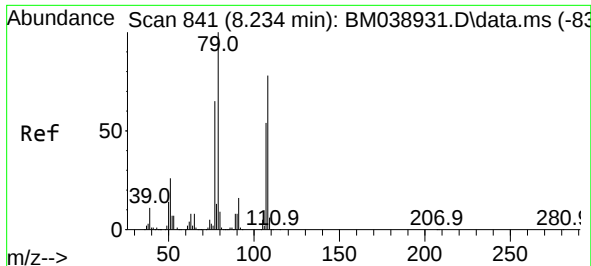
Tgt Ion:146 Resp: 1179847
Ion Ratio Lower Upper
146 100
148 65.1 51.0 76.4
111 40.7 32.2 48.4



#14
1,2-Dichlorobenzene
Concen: 46.956 ng
RT: 8.328 min Scan# 857
Delta R.T. -0.006 min
Lab File: BM039050.D
Acq: 20 Mar 2023 18:39

Tgt Ion:146 Resp: 1135215
Ion Ratio Lower Upper
146 100
148 64.0 51.7 77.5
111 42.1 34.2 51.4

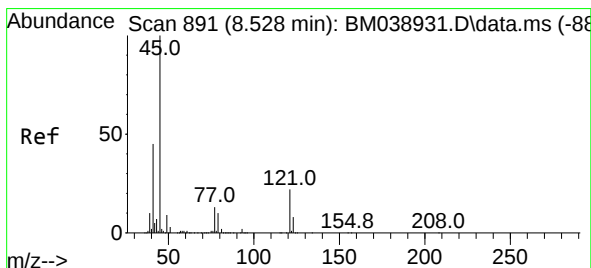
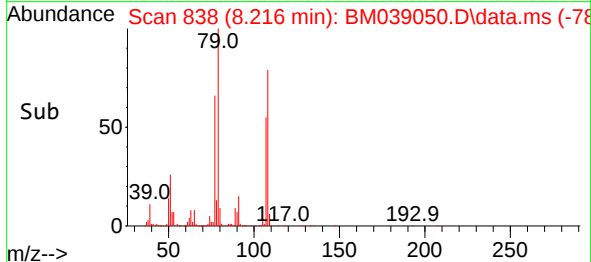
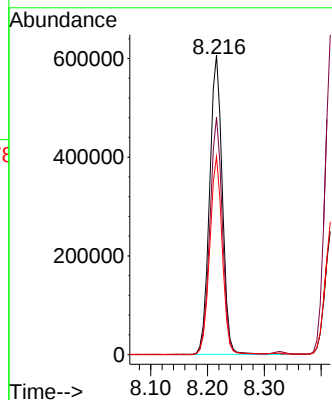
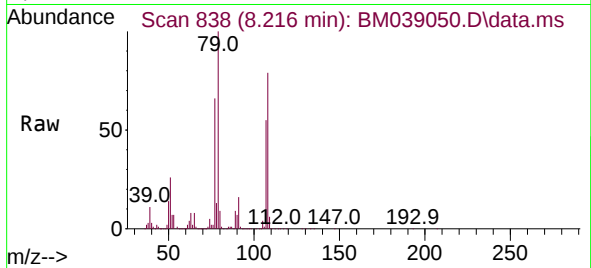




#15
Benzyl Alcohol
Concen: 46.592 ng
RT: 8.216 min Scan# 841
Delta R.T. -0.000 min
Lab File: BM039050.D
Acq: 20 Mar 2023 18:39

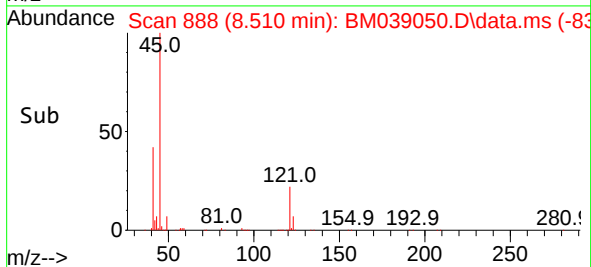
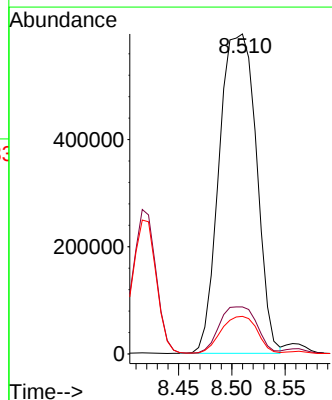
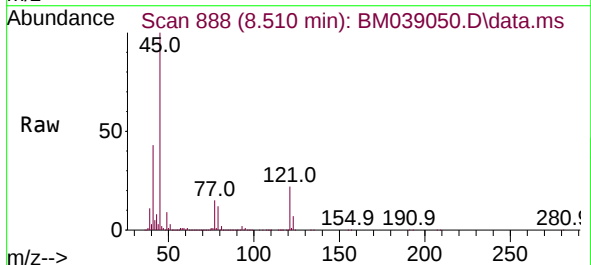
Instrument :
BNA_M
ClientSampleId :
COMP-1MSD

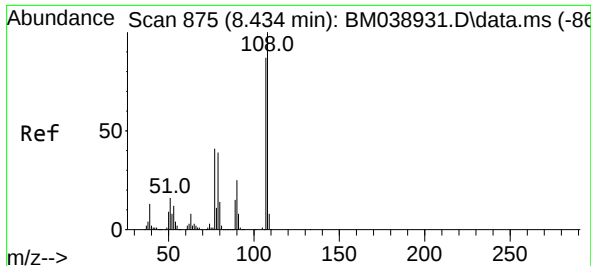
Tgt Ion: 79 Resp: 946126
Ion Ratio Lower Upper
79 100
108 79.2 62.4 93.6
77 66.1 52.2 78.4



#16
2,2'-oxybis(1-chloropropane)
Concen: 46.795 ng
RT: 8.510 min Scan# 888
Delta R.T. -0.000 min
Lab File: BM039050.D
Acq: 20 Mar 2023 18:39

Tgt Ion: 45 Resp: 1445632
Ion Ratio Lower Upper
45 100
77 14.7 0.0 34.8
79 11.7 0.0 31.5



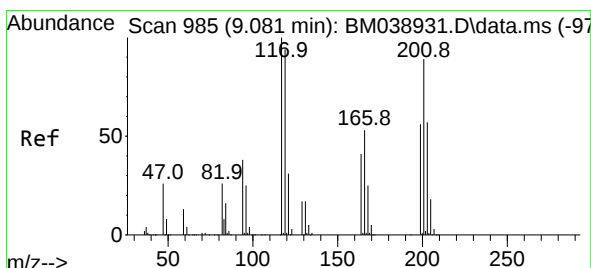
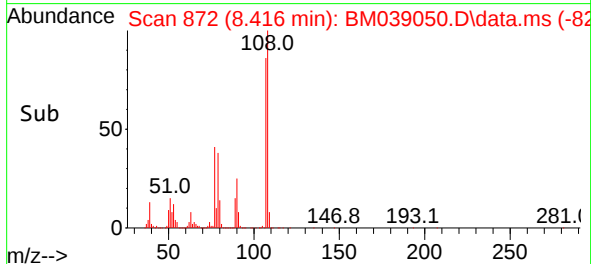
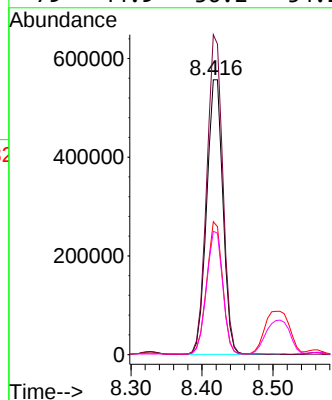
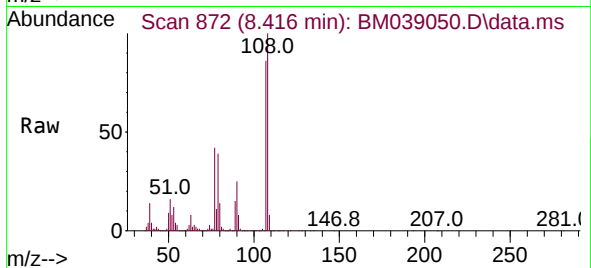


#17
2-Methylphenol
Concen: 42.790 ng
RT: 8.416 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM039050.D
Acq: 20 Mar 2023 18:39

Instrument :
BNA_M
ClientSampleId :
COMP-1MSD

Tgt Ion:107 Resp: 884377

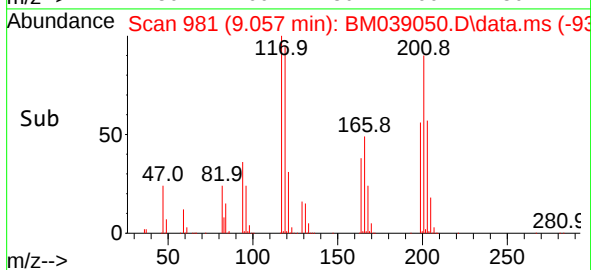
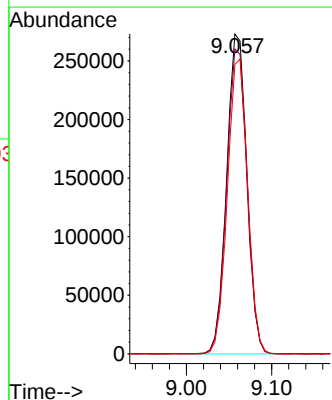
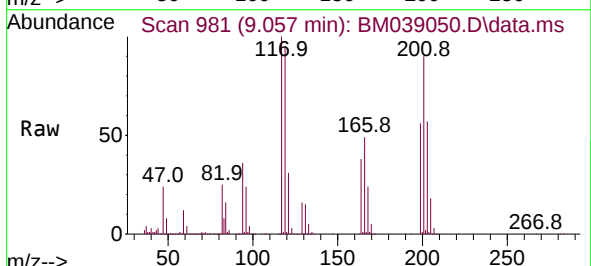
Ion	Ratio	Lower	Upper
107	100		
108	116.5	91.7	137.5
77	48.4	37.4	56.2
79	44.9	36.2	54.2

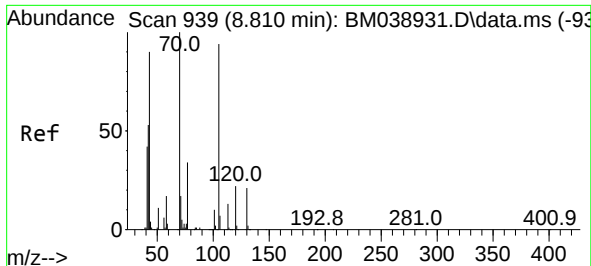


#18
Hexachloroethane
Concen: 48.767 ng
RT: 9.057 min Scan# 981
Delta R.T. -0.006 min
Lab File: BM039050.D
Acq: 20 Mar 2023 18:39

Tgt Ion:117 Resp: 451594

Ion	Ratio	Lower	Upper
117	100		
119	95.3	75.4	113.0
201	90.5	71.3	106.9

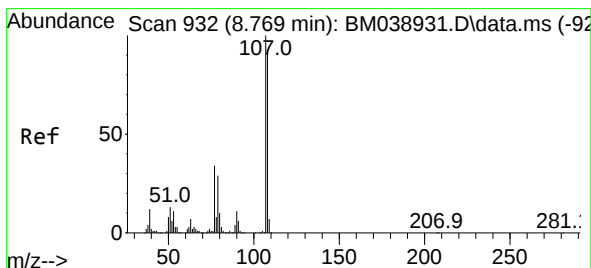
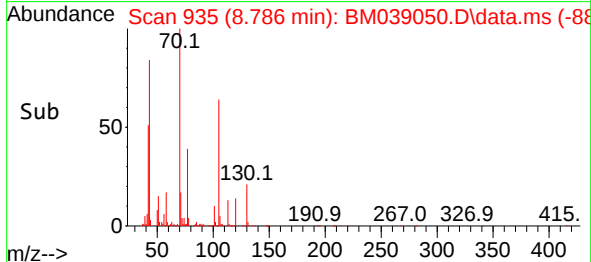
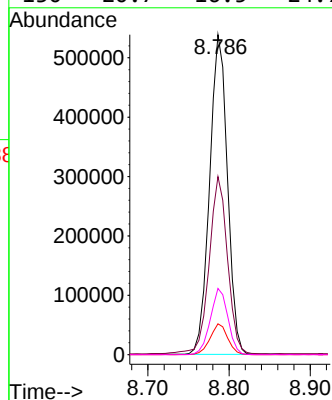
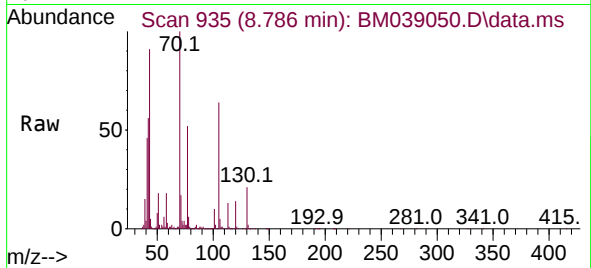




#19
n-Nitroso-di-n-propylamine
Concen: 46.030 ng
RT: 8.786 min Scan# 931
Delta R.T. -0.006 min
Lab File: BM039050.D
Acq: 20 Mar 2023 18:39

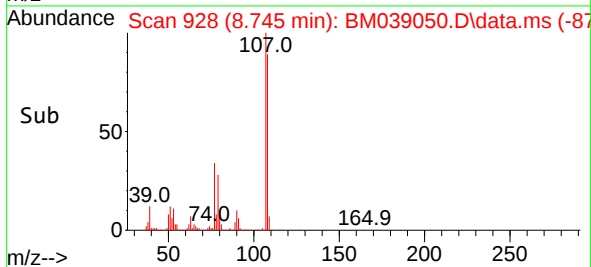
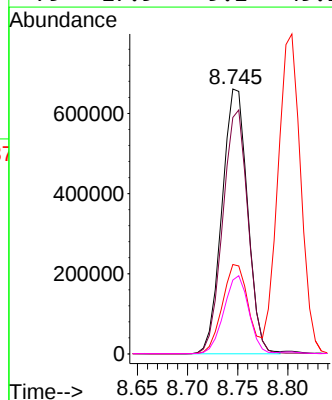
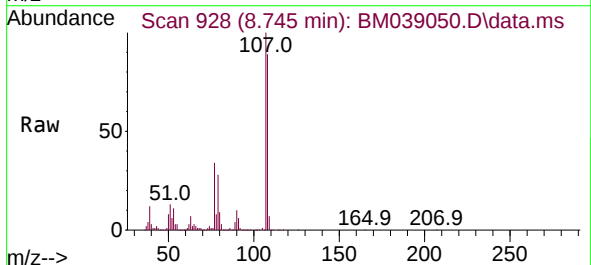
Instrument :
BNA_M
ClientSampleId :
COMP-1MSD

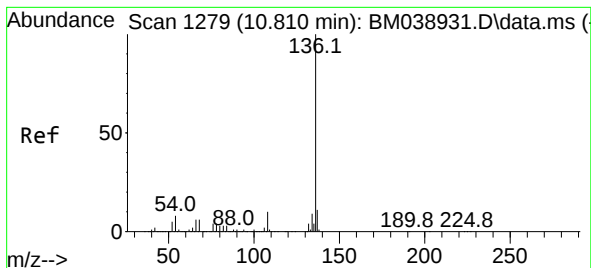
Tgt Ion: 70 Resp: 821400
Ion Ratio Lower Upper
70 100
42 55.6 43.4 65.2
101 9.6 7.6 11.4
130 20.7 16.5 24.7



#20
3+4-Methylphenols
Concen: 42.534 ng
RT: 8.745 min Scan# 928
Delta R.T. -0.006 min
Lab File: BM039050.D
Acq: 20 Mar 2023 18:39

Tgt Ion: 107 Resp: 1173782
Ion Ratio Lower Upper
107 100
108 89.2 71.8 111.8
77 33.7 13.6 53.6
79 27.9 9.2 49.2

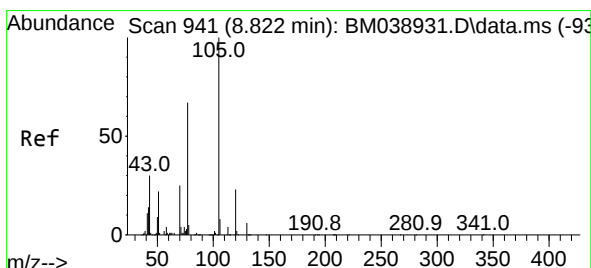
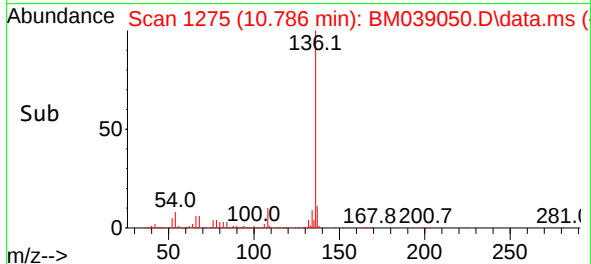
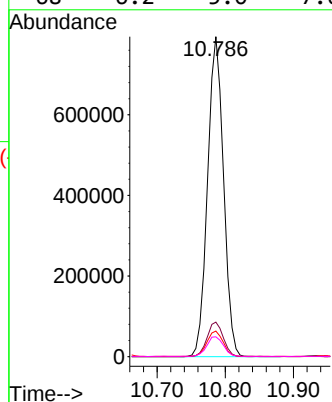
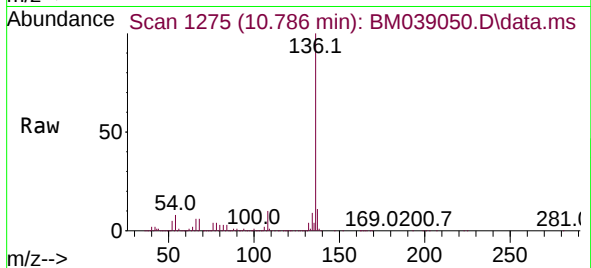




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.786 min Scan# 1275
Delta R.T. -0.006 min
Lab File: BM039050.D
Acq: 20 Mar 2023 18:39

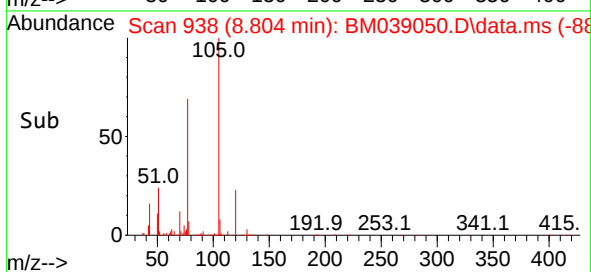
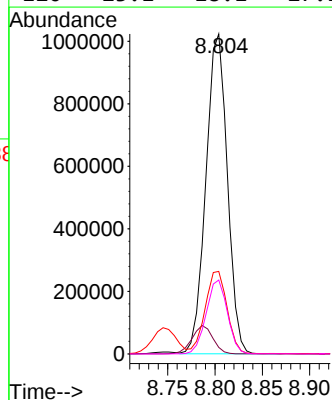
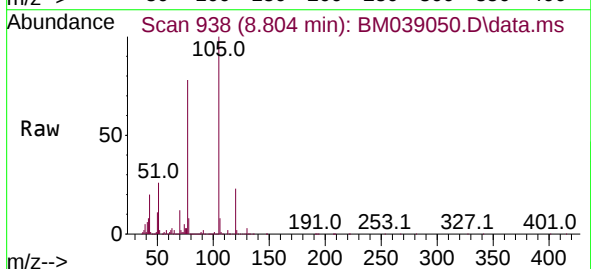
Instrument :
BNA_M
ClientSampleId :
COMP-1MSD

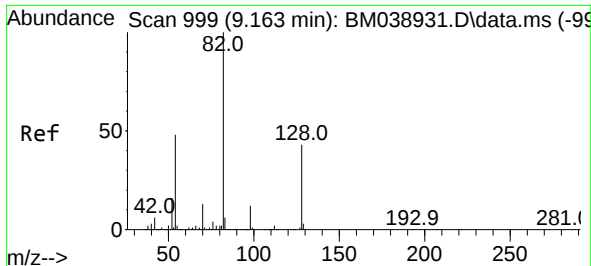
Tgt Ion:136 Resp: 1289851
Ion Ratio Lower Upper
136 100
137 10.8 8.7 13.1
54 8.0 6.3 9.5
68 6.2 5.0 7.6



#22
Acetophenone
Concen: 44.508 ng
RT: 8.804 min Scan# 938
Delta R.T. -0.000 min
Lab File: BM039050.D
Acq: 20 Mar 2023 18:39

Tgt Ion:105 Resp: 1610669
Ion Ratio Lower Upper
105 100
71 2.0 3.4 5.0#
51 25.8 21.0 31.4
120 23.1 18.1 27.1





#23

Nitrobenzene-d5

Concen: 66.997 ng

RT: 9.139 min Scan# 999

Delta R.T. -0.006 min

Lab File: BM039050.D

Acq: 20 Mar 2023 18:39

Instrument :

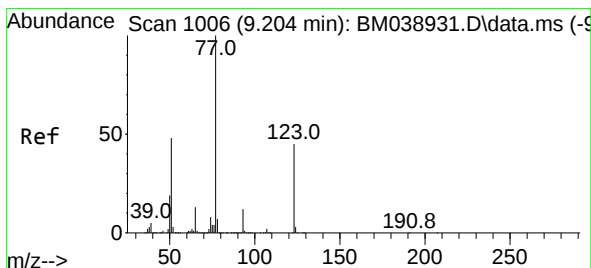
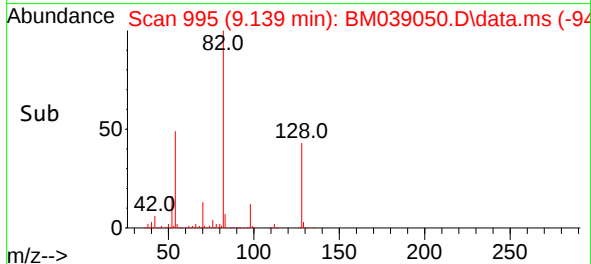
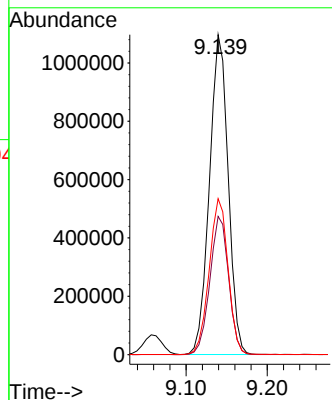
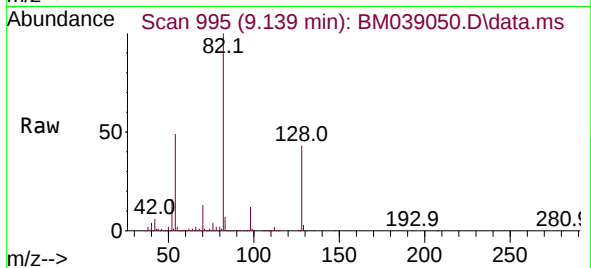
BNA_M

ClientSampleId :

COMP-1MSD

Tgt Ion: 82 Resp: 1759261

Ion	Ratio	Lower	Upper
82	100		
128	43.2	34.4	51.6
54	48.7	38.8	58.2



#24

Nitrobenzene

Concen: 43.700 ng

RT: 9.186 min Scan# 1003

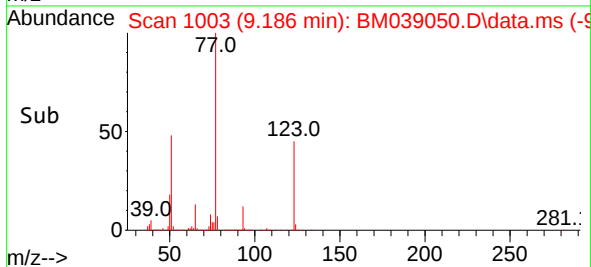
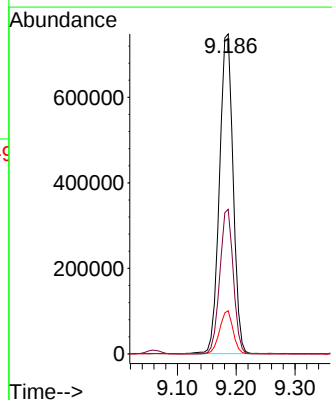
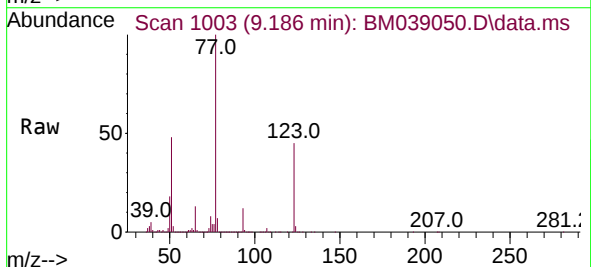
Delta R.T. -0.000 min

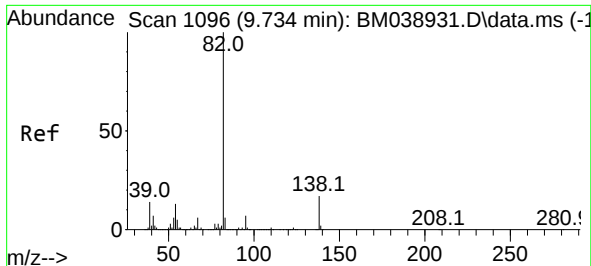
Lab File: BM039050.D

Acq: 20 Mar 2023 18:39

Tgt Ion: 77 Resp: 1206111

Ion	Ratio	Lower	Upper
77	100		
123	45.2	35.8	53.6
65	13.5	10.2	15.4

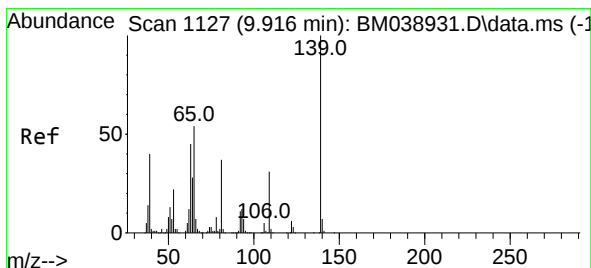
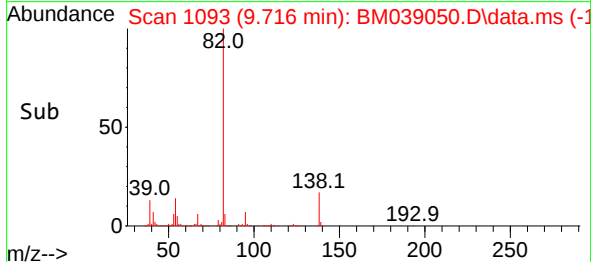
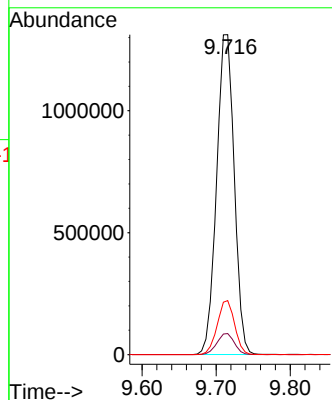
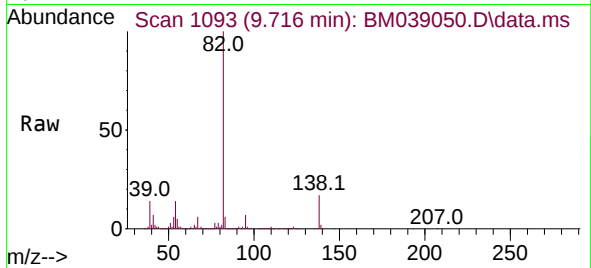




#25
Isophorone
Concen: 44.935 ng
RT: 9.716 min Scan# 1093
Delta R.T. -0.000 min
Lab File: BM039050.D
Acq: 20 Mar 2023 18:39

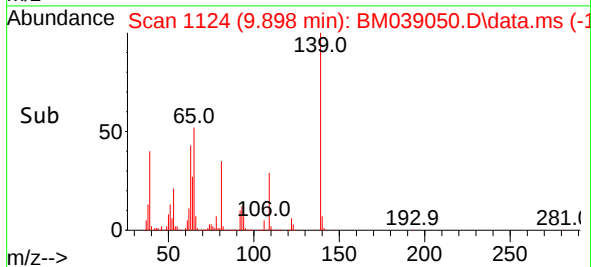
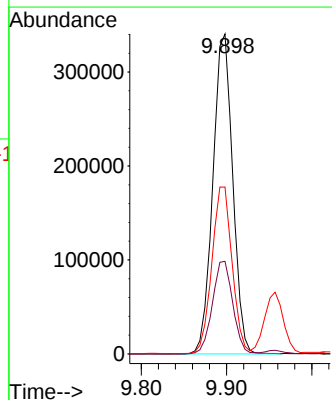
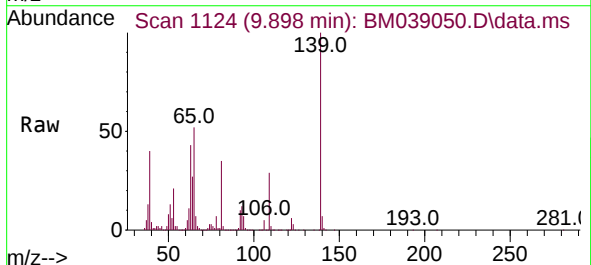
Instrument :
BNA_M
ClientSampleId :
COMP-1MSD

Tgt Ion: 82 Resp: 2171319
Ion Ratio Lower Upper
82 100
95 6.6 5.2 7.8
138 16.9 13.6 20.4



#26
2-Nitrophenol
Concen: 45.335 ng
RT: 9.898 min Scan# 1124
Delta R.T. -0.000 min
Lab File: BM039050.D
Acq: 20 Mar 2023 18:39

Tgt Ion:139 Resp: 550320
Ion Ratio Lower Upper
139 100
109 28.9 24.5 36.7
65 52.1 43.0 64.6





#27

2,4-Dimethylphenol

Concen: 45.917 ng

RT: 9.957 min Scan# 1134

Delta R.T. -0.000 min

Lab File: BM039050.D

Acq: 20 Mar 2023 18:39

Instrument :

BNA_M

ClientSampleId :

COMP-1MSD

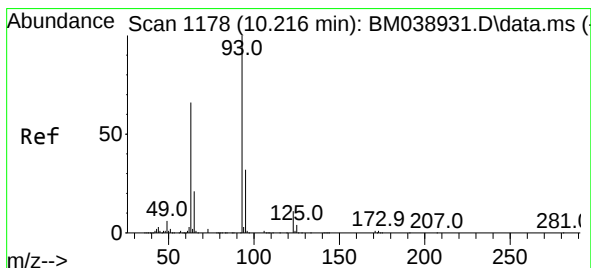
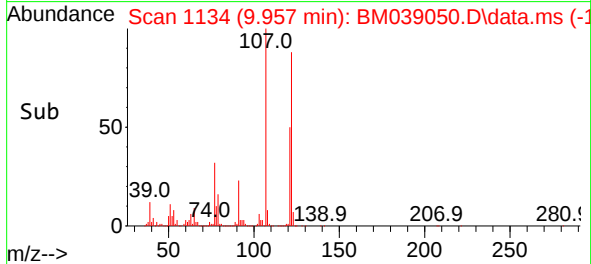
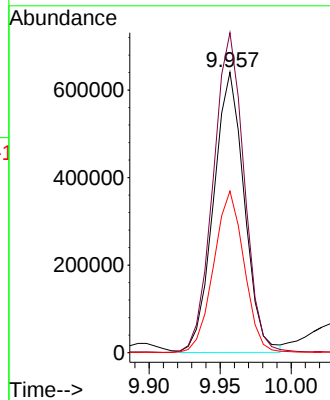
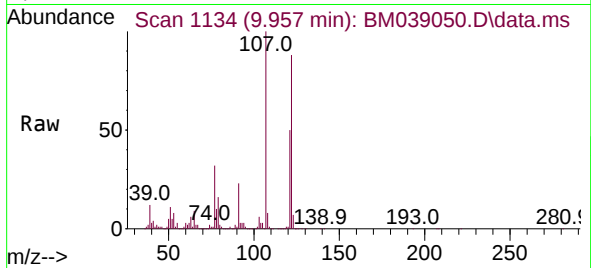
Tgt Ion:122 Resp: 966773

Ion Ratio Lower Upper

122 100

107 114.1 91.0 136.4

121 57.6 45.1 67.7



#28

bis(2-Chloroethoxy)methane

Concen: 44.599 ng

RT: 10.198 min Scan# 1175

Delta R.T. -0.000 min

Lab File: BM039050.D

Acq: 20 Mar 2023 18:39

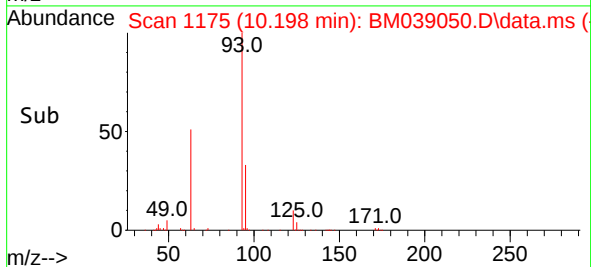
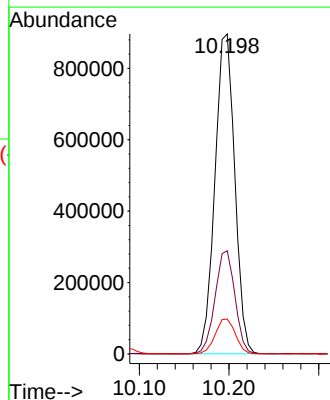
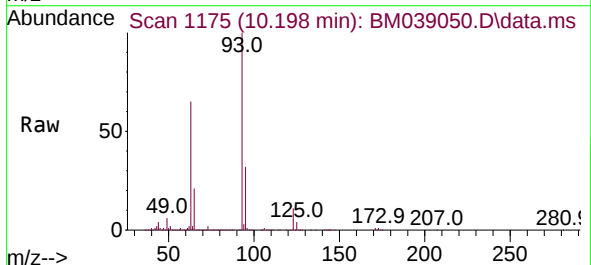
Tgt Ion: 93 Resp: 1384723

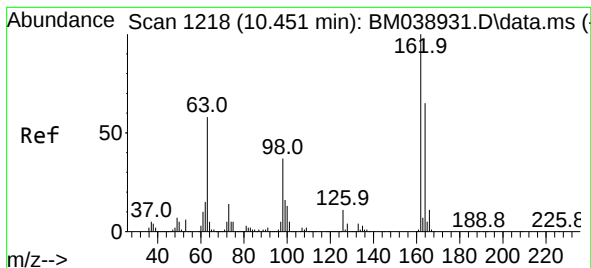
Ion Ratio Lower Upper

93 100

95 32.3 25.9 38.9

123 10.9 8.8 13.2





#29

2,4-Dichlorophenol

Concen: 45.324 ng

RT: 10.433 min Scan# 1215

Delta R.T. -0.000 min

Lab File: BM039050.D

Acq: 20 Mar 2023 18:39

Instrument :

BNA_M

ClientSampleId :

COMP-1MSD

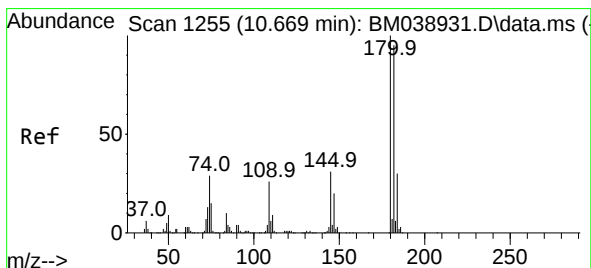
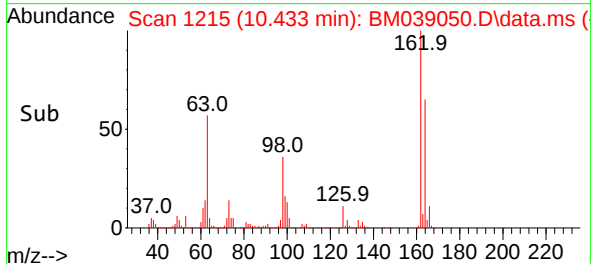
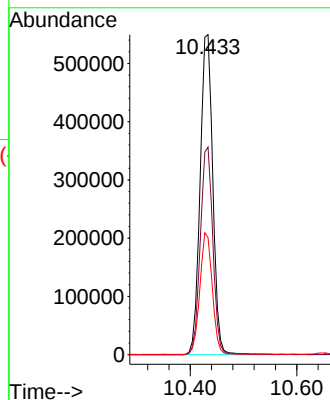
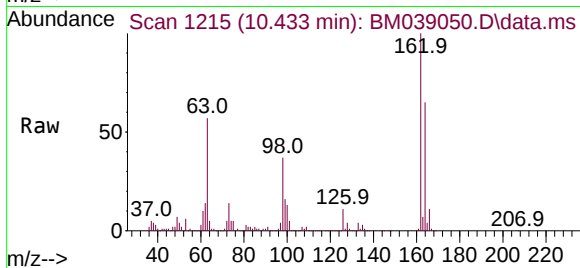
Tgt Ion:162 Resp: 904746

Ion Ratio Lower Upper

162 100

164 64.8 44.6 84.6

98 36.6 17.5 57.5



#30

1,2,4-Trichlorobenzene

Concen: 44.494 ng

RT: 10.645 min Scan# 1251

Delta R.T. -0.006 min

Lab File: BM039050.D

Acq: 20 Mar 2023 18:39

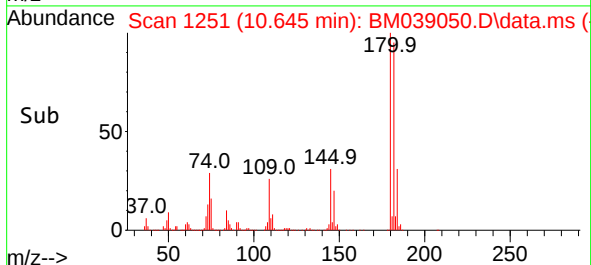
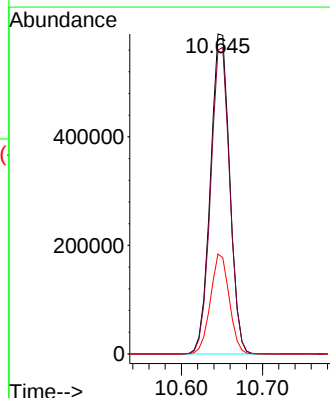
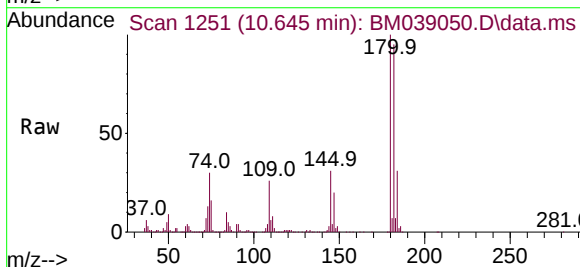
Tgt Ion:180 Resp: 970558

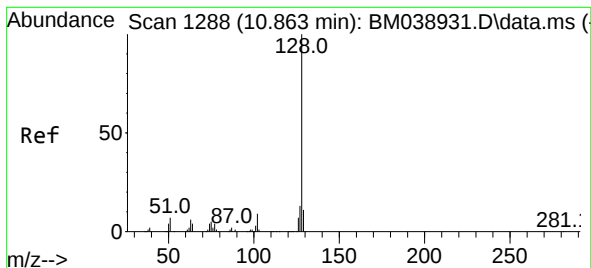
Ion Ratio Lower Upper

180 100

182 94.9 76.3 114.5

145 31.2 25.0 37.4





#31

Naphthalene

Concen: 43.221 ng

RT: 10.839 min Scan# 11

Delta R.T. -0.000 min

Lab File: BM039050.D

Acq: 20 Mar 2023 18:39

Instrument :

BNA_M

ClientSampleId :

COMP-1MSD

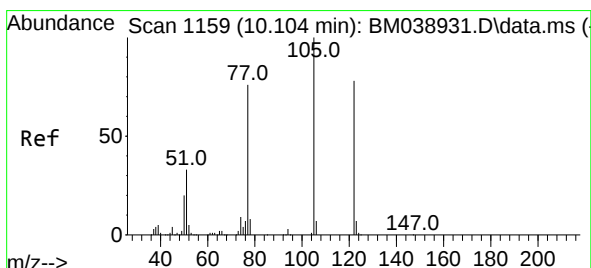
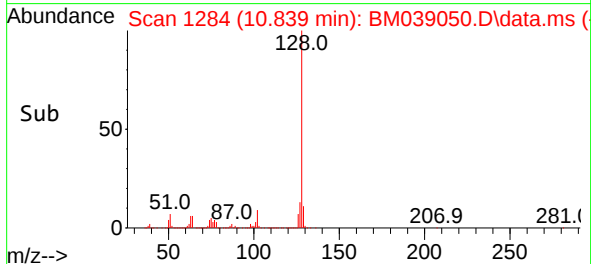
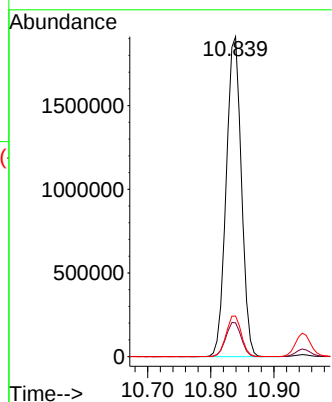
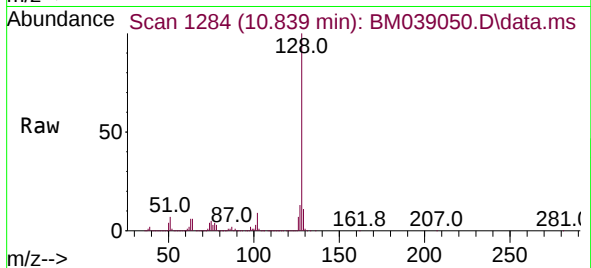
Tgt Ion:128 Resp: 3178915

Ion Ratio Lower Upper

128 100

129 10.6 8.6 13.0

127 12.7 10.2 15.4



#32

Benzoic acid

Concen: 45.104 ng

RT: 10.086 min Scan# 1156

Delta R.T. -0.012 min

Lab File: BM039050.D

Acq: 20 Mar 2023 18:39

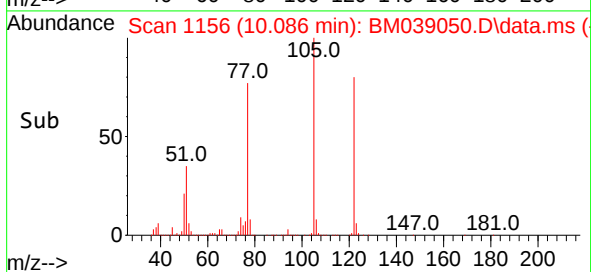
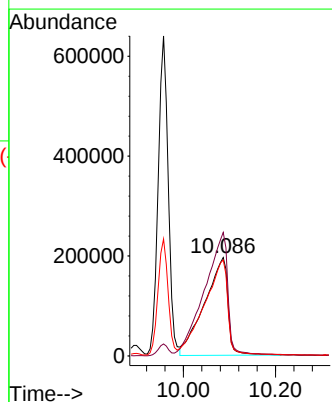
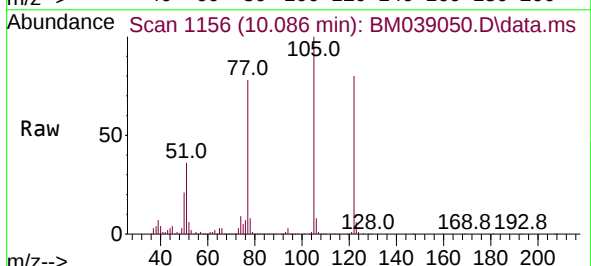
Tgt Ion:122 Resp: 690694

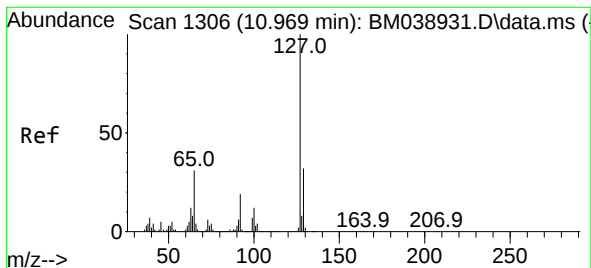
Ion Ratio Lower Upper

122 100

105 125.7 104.2 144.2

77 97.6 75.1 115.1

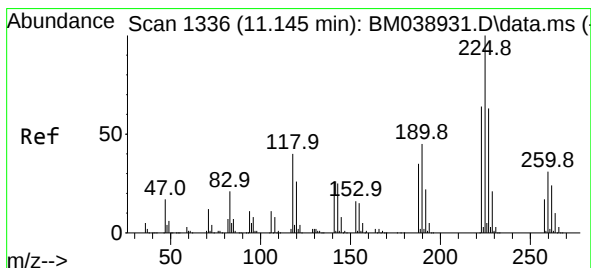
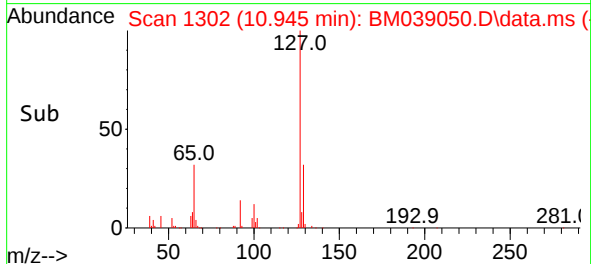
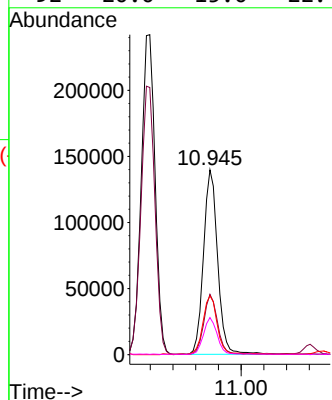
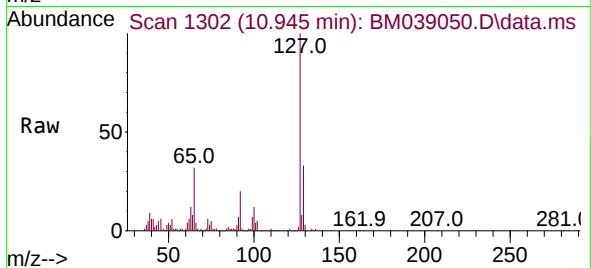




#33
4-Chloroaniline
Concen: 7.724 ng
RT: 10.945 min Scan# 1302
Delta R.T. -0.006 min
Lab File: BM039050.D
Acq: 20 Mar 2023 18:39

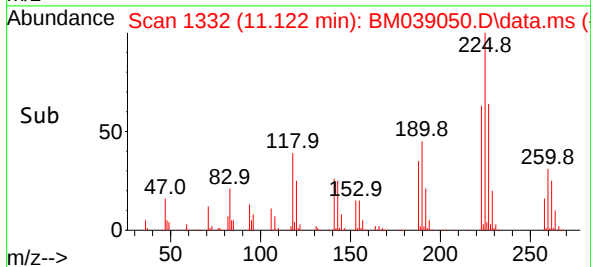
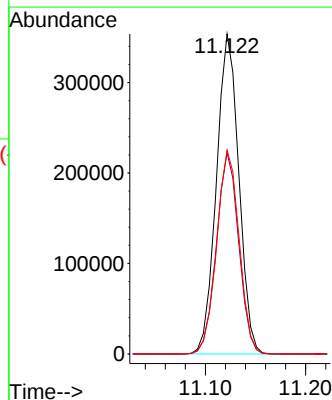
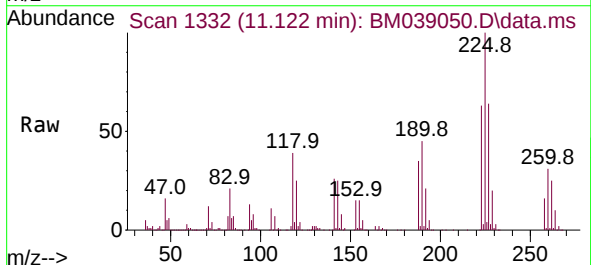
Instrument :
BNA_M
ClientSampleId :
COMP-1MSD

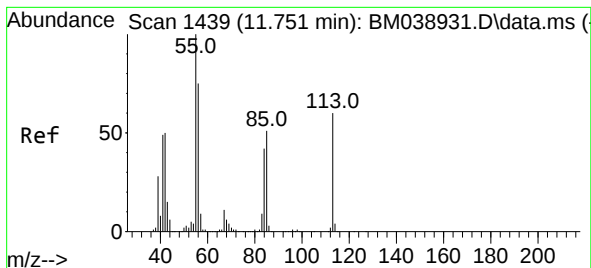
Tgt Ion:	127	Resp:	242103
Ion Ratio	Lower	Upper	
127	100		
129	32.6	25.4	38.2
65	31.8	24.4	36.6
92	20.0	15.0	22.4



#34
Hexachlorobutadiene
Concen: 43.918 ng
RT: 11.122 min Scan# 1332
Delta R.T. -0.006 min
Lab File: BM039050.D
Acq: 20 Mar 2023 18:39

Tgt Ion:	225	Resp:	549380
Ion Ratio	Lower	Upper	
225	100		
223	62.9	51.3	76.9
227	63.7	50.6	76.0

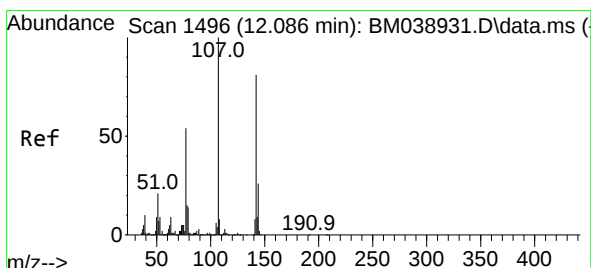
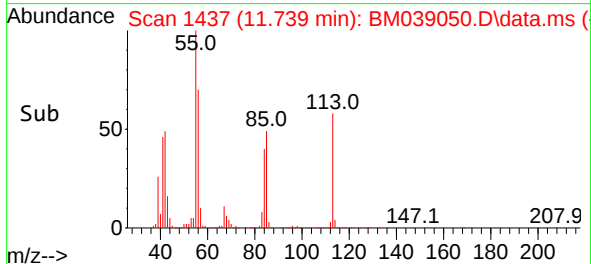
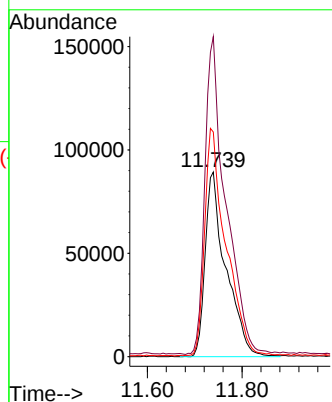
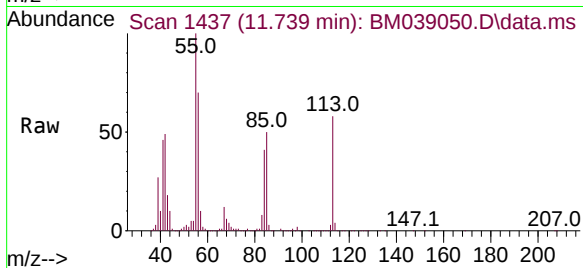




#35
Caprolactam
Concen: 44.585 ng
RT: 11.739 min Scan# 1437
Delta R.T. -0.000 min
Lab File: BM039050.D
Acq: 20 Mar 2023 18:39

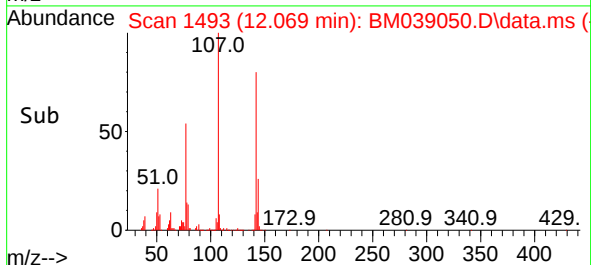
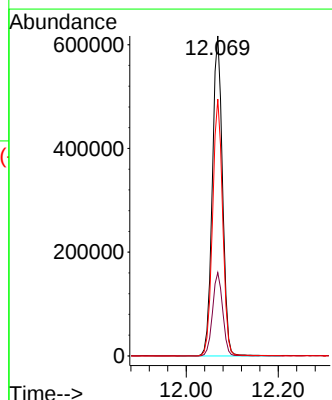
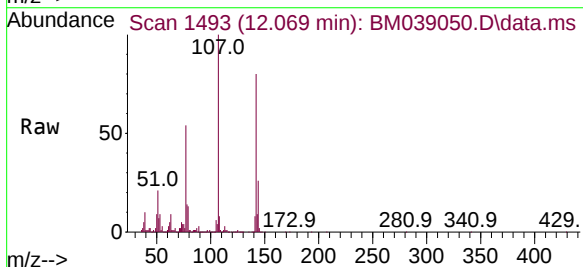
Instrument :
BNA_M
ClientSampleId :
COMP-1MSD

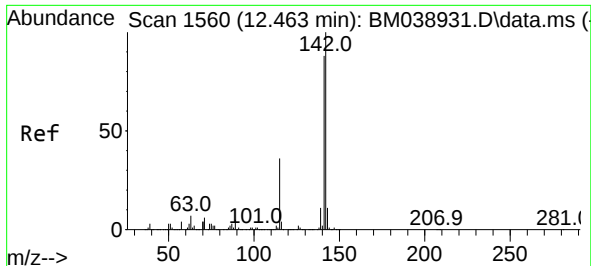
Tgt Ion:113 Resp: 270875
Ion Ratio Lower Upper
113 100
55 173.4 147.0 187.0
56 121.7 105.1 145.1



#36
4-Chloro-3-methylphenol
Concen: 44.291 ng
RT: 12.069 min Scan# 1493
Delta R.T. -0.000 min
Lab File: BM039050.D
Acq: 20 Mar 2023 18:39

Tgt Ion:107 Resp: 941442
Ion Ratio Lower Upper
107 100
144 26.0 20.7 31.1
142 80.2 64.6 97.0





#37

2-Methylnaphthalene

Concen: 41.552 ng

RT: 12.445 min Scan# 1557

Delta R.T. -0.000 min

Lab File: BM039050.D

Acq: 20 Mar 2023 18:39

Instrument :

BNA_M

ClientSampleId :

COMP-1MSD

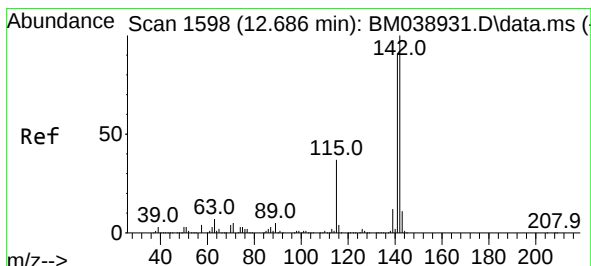
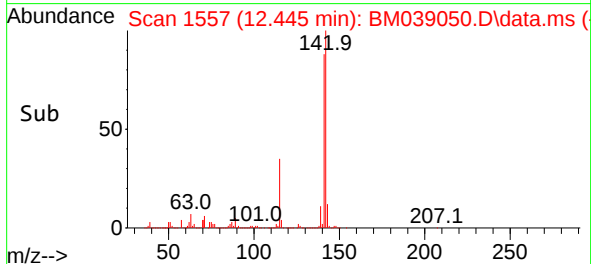
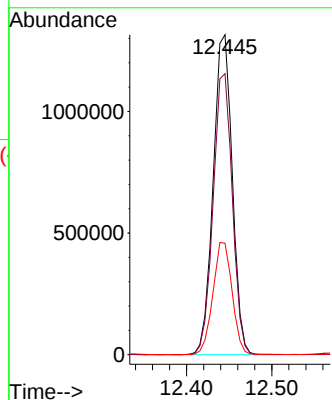
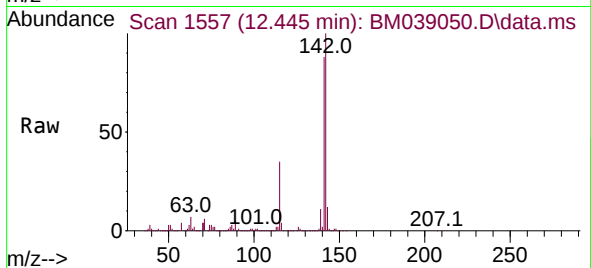
Tgt Ion:142 Resp: 2048370

Ion Ratio Lower Upper

142 100

141 87.8 70.6 106.0

115 34.8 28.5 42.7



#38

1-Methylnaphthalene

Concen: 41.702 ng

RT: 12.663 min Scan# 1594

Delta R.T. -0.006 min

Lab File: BM039050.D

Acq: 20 Mar 2023 18:39

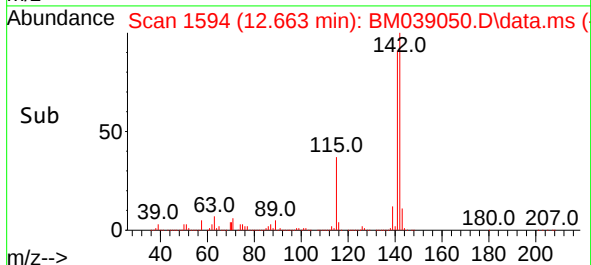
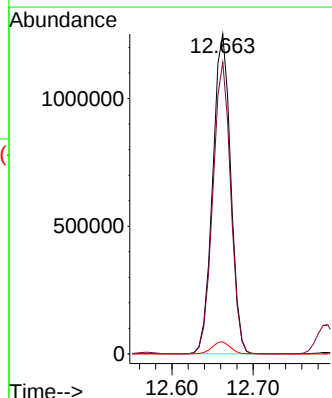
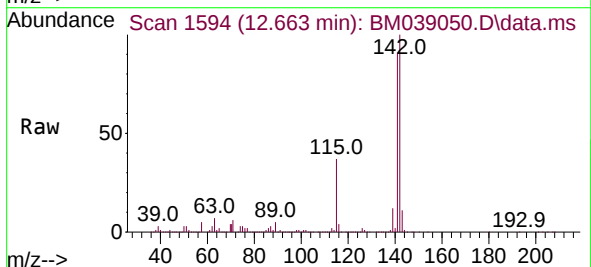
Tgt Ion:142 Resp: 1926544

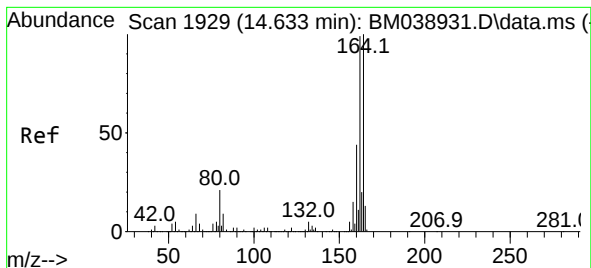
Ion Ratio Lower Upper

142 100

141 91.2 72.8 109.2

116 3.8 3.0 4.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.610 min Scan# 19

Delta R.T. -0.006 min

Lab File: BM039050.D

Acq: 20 Mar 2023 18:39

Instrument :

BNA_M

ClientSampleId :

COMP-1MSD

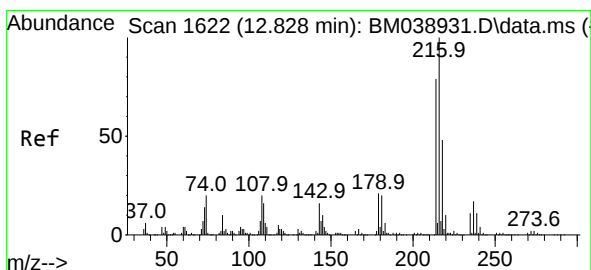
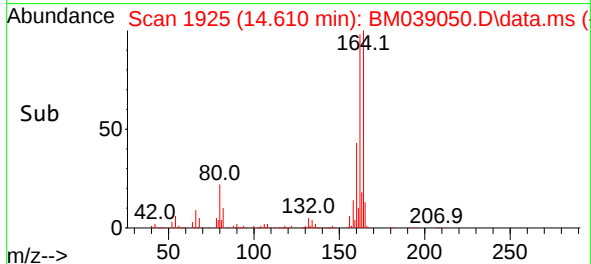
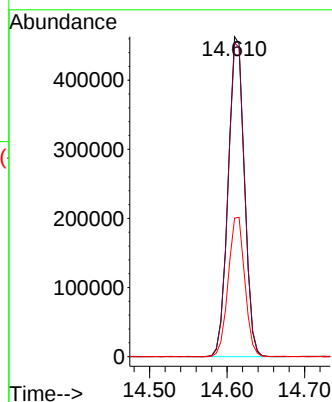
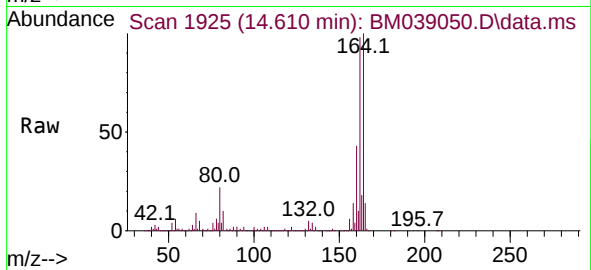
Tgt Ion:164 Resp: 675712

Ion Ratio Lower Upper

164 100

162 98.0 79.2 118.8

160 43.3 35.5 53.3



#40

1,2,4,5-Tetrachlorobenzene

Concen: 45.609 ng

RT: 12.810 min Scan# 1619

Delta R.T. -0.006 min

Lab File: BM039050.D

Acq: 20 Mar 2023 18:39

Tgt Ion:216 Resp: 1001902

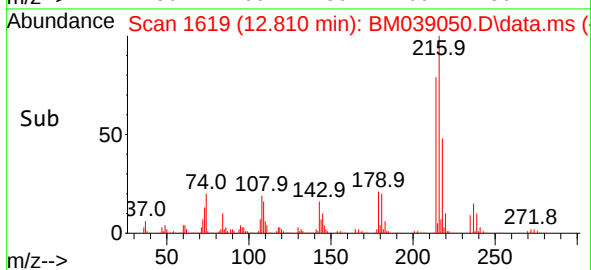
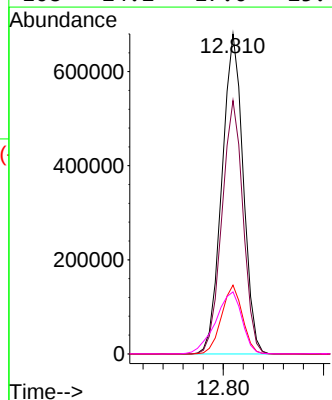
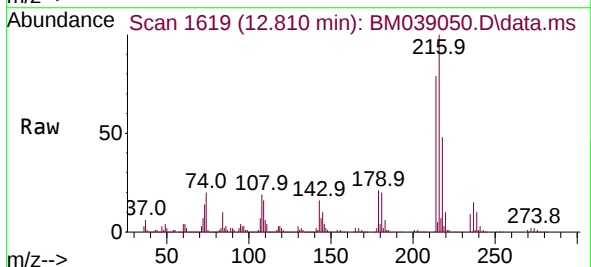
Ion Ratio Lower Upper

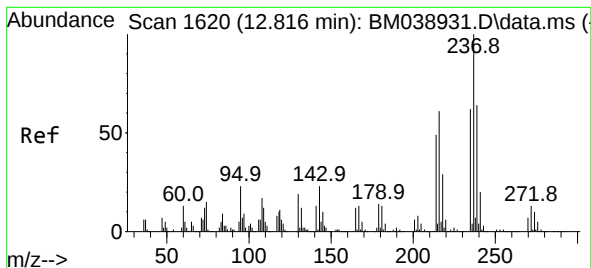
216 100

214 78.5 63.0 94.4

179 21.1 16.8 25.2

108 24.2 17.0 25.4





#41

Hexachlorocyclopentadiene

Concen: 106.016 ng

RT: 12.792 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM039050.D

Acq: 20 Mar 2023 18:39

Instrument :

BNA_M

ClientSampleId :

COMP-1MSD

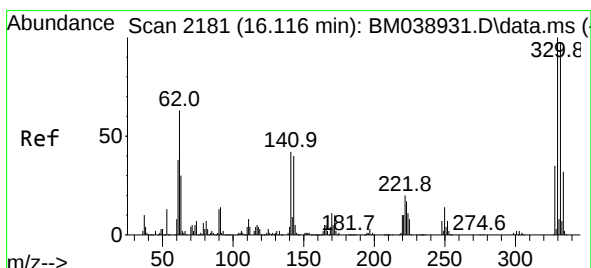
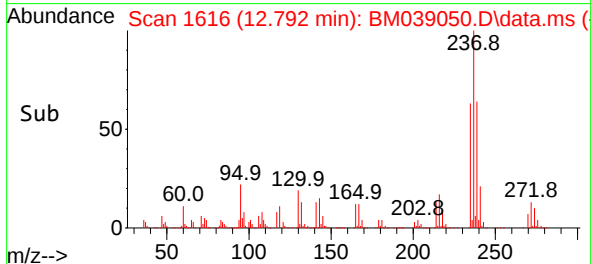
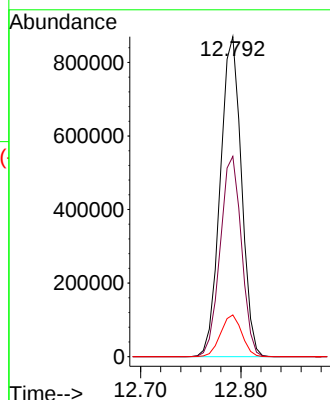
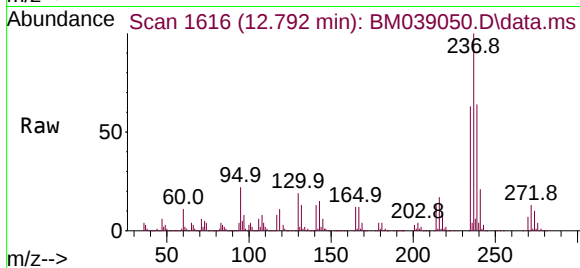
Tgt Ion:237 Resp: 1278330

Ion Ratio Lower Upper

237 100

235 62.6 41.7 81.7

272 13.0 0.0 33.2



#42

2,4,6-Tribromophenol

Concen: 90.209 ng

RT: 16.098 min Scan# 2178

Delta R.T. -0.006 min

Lab File: BM039050.D

Acq: 20 Mar 2023 18:39

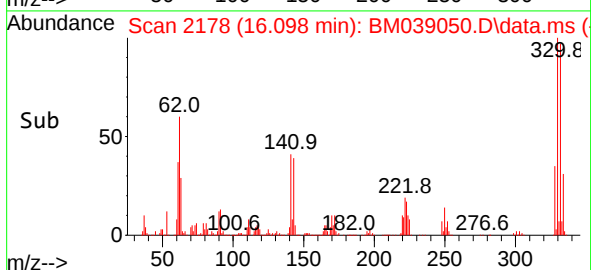
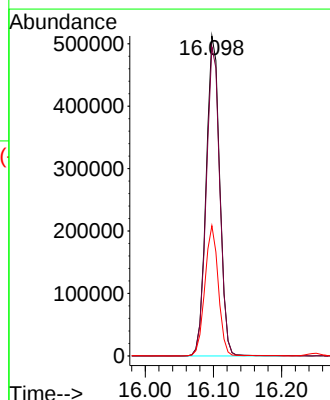
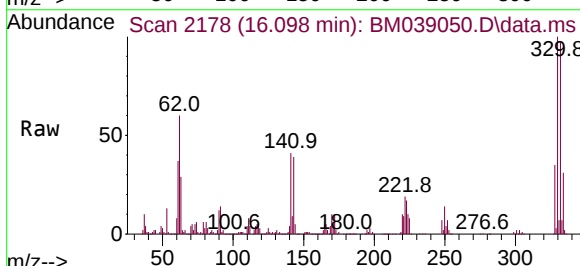
Tgt Ion:330 Resp: 705157

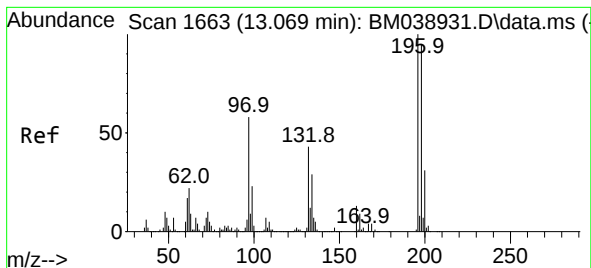
Ion Ratio Lower Upper

330 100

332 96.6 77.4 116.0

141 40.2 32.2 48.4





#43

2,4,6-Trichlorophenol

Concen: 46.463 ng

RT: 13.045 min Scan# 1659

Delta R.T. -0.006 min

Lab File: BM039050.D

Acq: 20 Mar 2023 18:39

Instrument :

BNA_M

ClientSampleId :

COMP-1MSD

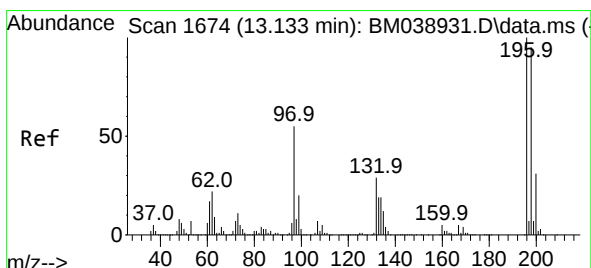
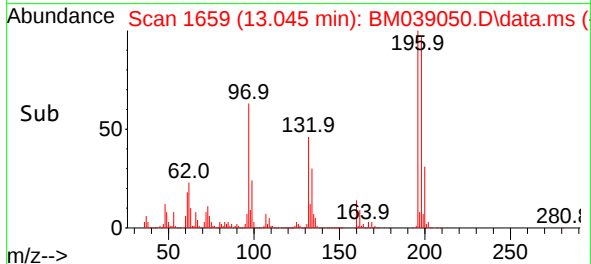
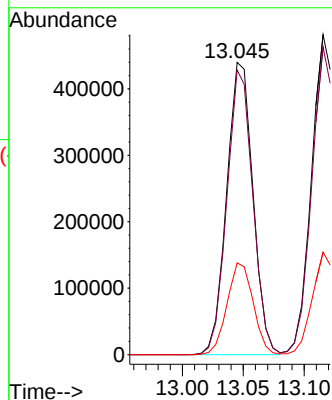
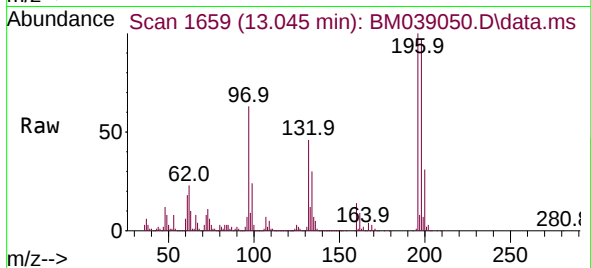
Tgt Ion:196 Resp: 660926

Ion Ratio Lower Upper

196 100

198 97.4 75.8 113.8

200 31.4 25.0 37.4



#44

2,4,5-Trichlorophenol

Concen: 42.207 ng

RT: 13.116 min Scan# 1671

Delta R.T. -0.006 min

Lab File: BM039050.D

Acq: 20 Mar 2023 18:39

Tgt Ion:196 Resp: 702753

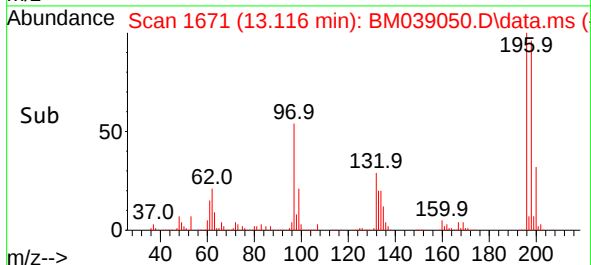
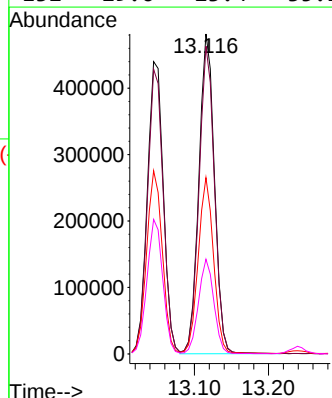
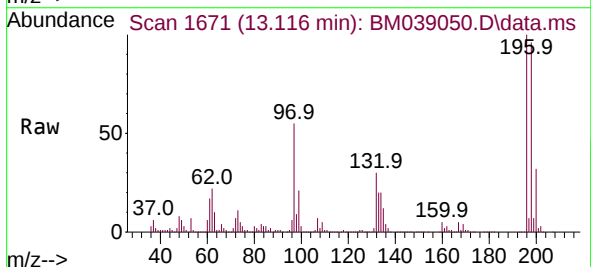
Ion Ratio Lower Upper

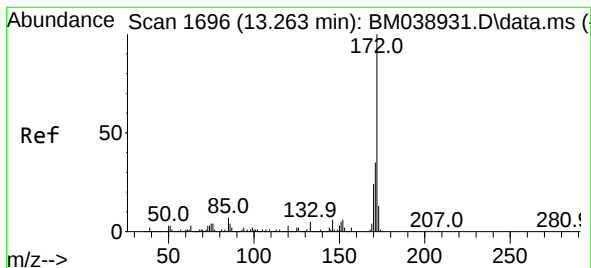
196 100

198 96.2 76.3 114.5

97 55.1 44.2 66.4

132 29.6 23.4 35.2





#45

2-Fluorobiphenyl

Concen: 65.540 ng

RT: 13.239 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM039050.D

Acq: 20 Mar 2023 18:39

Instrument :

BNA_M

ClientSampleId :

COMP-1MSD

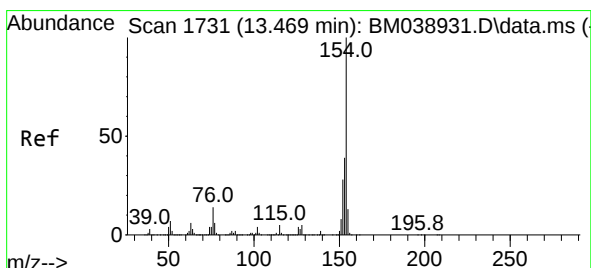
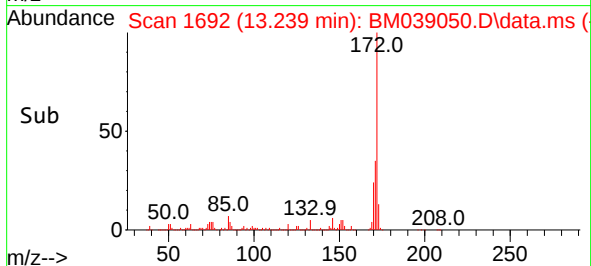
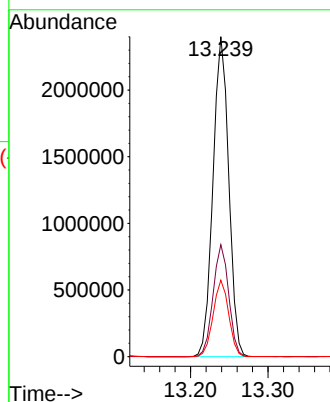
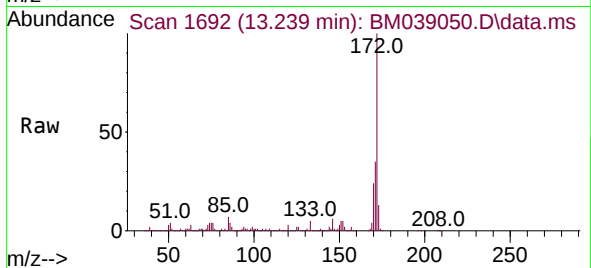
Tgt Ion:172 Resp: 3401938

Ion Ratio Lower Upper

172 100

171 35.0 28.2 42.2

170 23.9 19.1 28.7



#46

1,1'-Biphenyl

Concen: 45.436 ng

RT: 13.451 min Scan# 1728

Delta R.T. -0.006 min

Lab File: BM039050.D

Acq: 20 Mar 2023 18:39

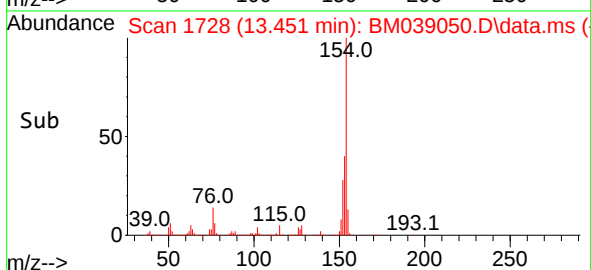
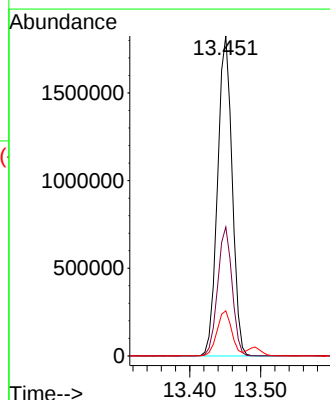
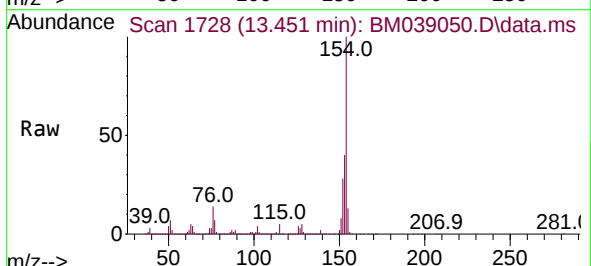
Tgt Ion:154 Resp: 2600979

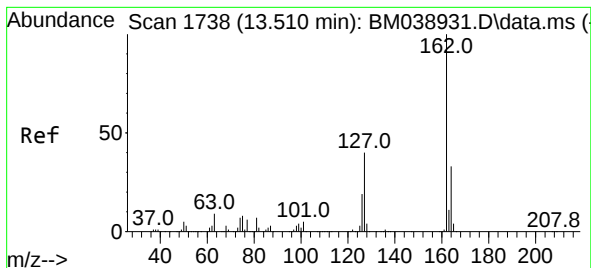
Ion Ratio Lower Upper

154 100

153 40.3 19.3 59.3

76 14.1 0.0 34.0

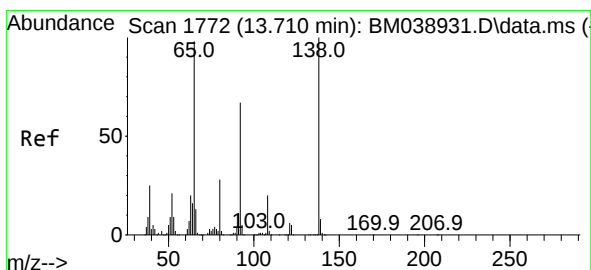
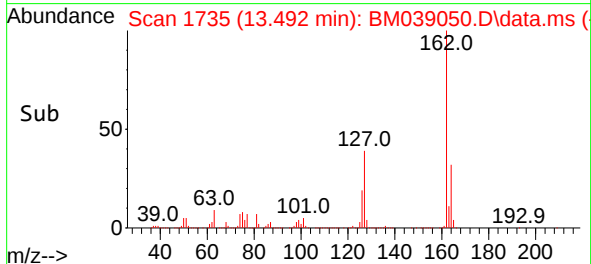
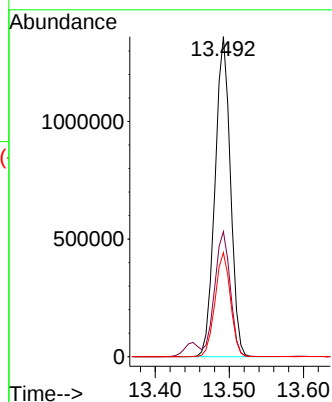
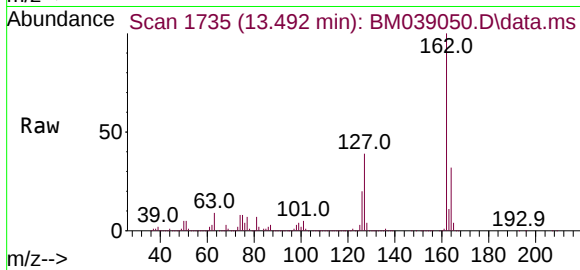




#47
2-Chloronaphthalene
Concen: 45.515 ng
RT: 13.492 min Scan# 1769
Delta R.T. -0.006 min
Lab File: BM039050.D
Acq: 20 Mar 2023 18:39

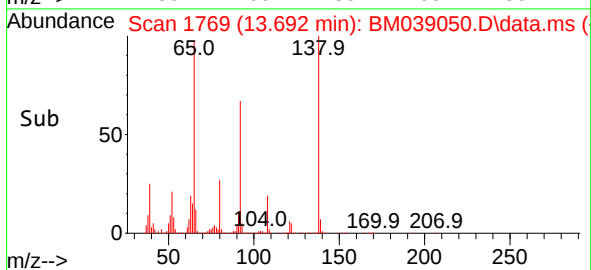
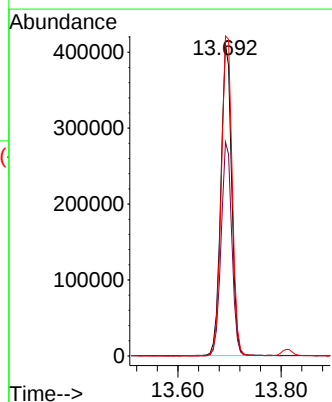
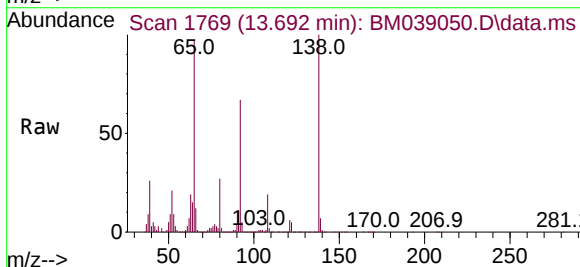
Instrument :
BNA_M
ClientSampleId :
COMP-1MSD

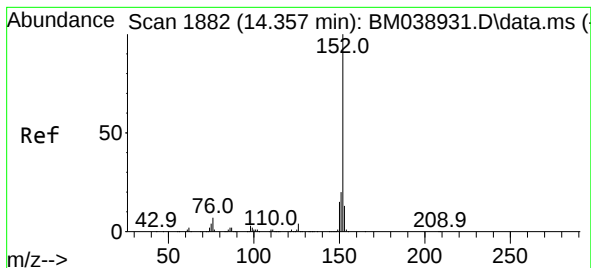
Tgt Ion:162 Resp: 1964727
Ion Ratio Lower Upper
162 100
127 39.1 32.1 48.1
164 32.5 26.2 39.4



#48
2-Nitroaniline
Concen: 43.711 ng
RT: 13.692 min Scan# 1769
Delta R.T. -0.006 min
Lab File: BM039050.D
Acq: 20 Mar 2023 18:39

Tgt Ion: 65 Resp: 601253
Ion Ratio Lower Upper
65 100
92 68.6 54.9 82.3
138 102.6 81.6 122.4





#49

Acenaphthylene

Concen: 44.420 ng

RT: 14.333 min Scan# 1882

Delta R.T. -0.006 min

Lab File: BM039050.D

Acq: 20 Mar 2023 18:39

Instrument :

BNA_M

ClientSampleId :

COMP-1MSD

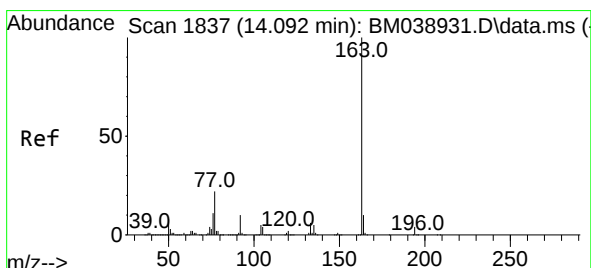
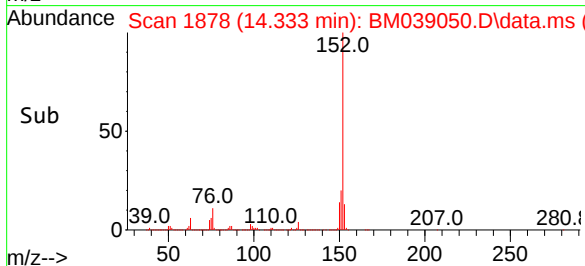
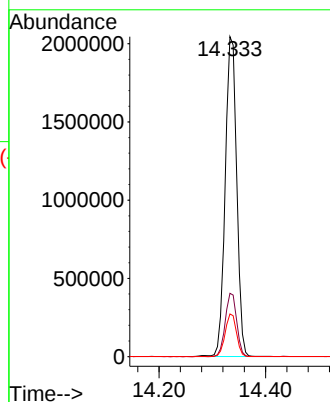
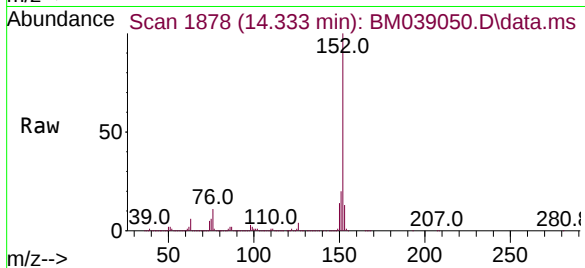
Tgt Ion:152 Resp: 3054223

Ion Ratio Lower Upper

152 100

151 19.8 15.8 23.8

153 13.3 10.4 15.6



#50

Dimethylphthalate

Concen: 43.195 ng

RT: 14.074 min Scan# 1834

Delta R.T. -0.000 min

Lab File: BM039050.D

Acq: 20 Mar 2023 18:39

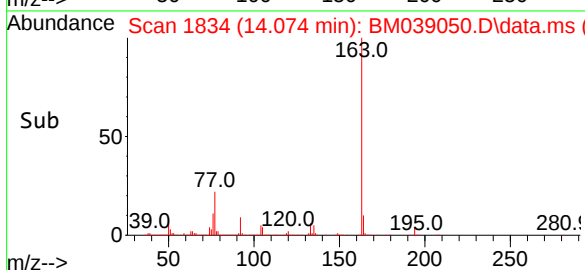
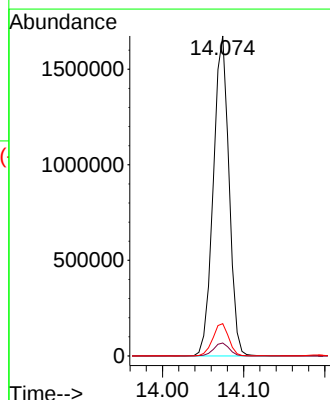
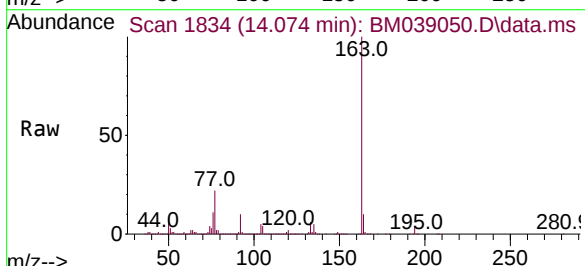
Tgt Ion:163 Resp: 2245954

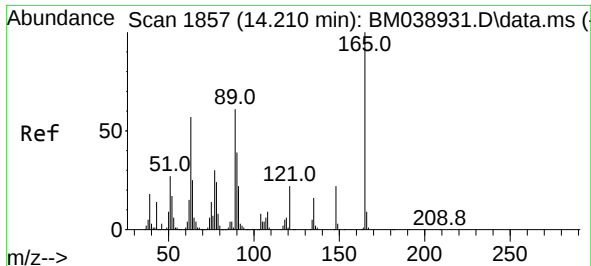
Ion Ratio Lower Upper

163 100

194 4.1 3.1 4.7

164 10.1 8.1 12.1

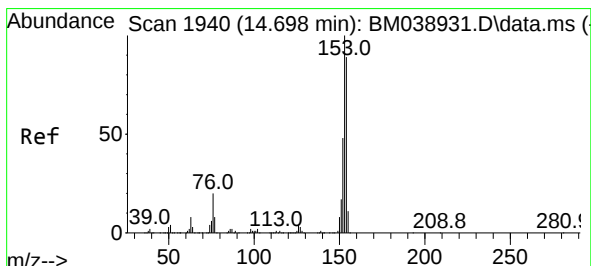
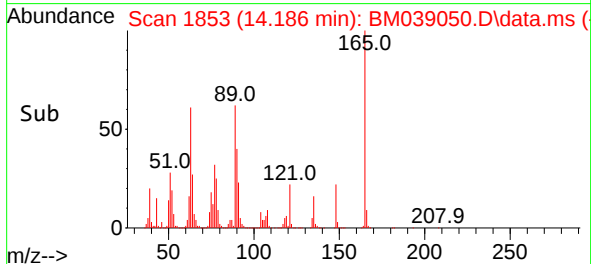
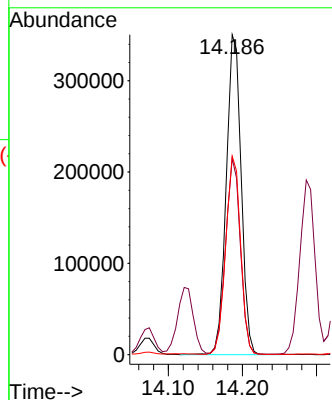
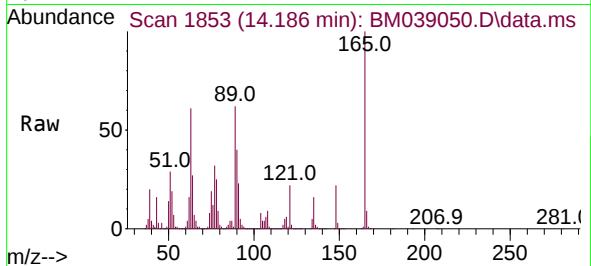




#51
2,6-Dinitrotoluene
Concen: 42.663 ng
RT: 14.186 min Scan# 1853
Delta R.T. -0.006 min
Lab File: BM039050.D
Acq: 20 Mar 2023 18:39

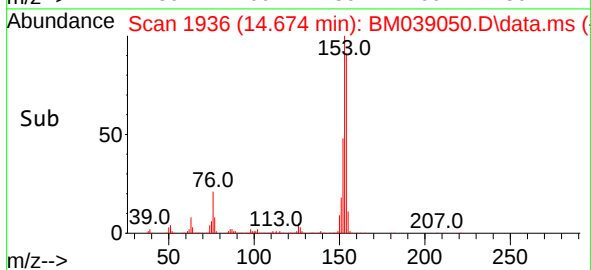
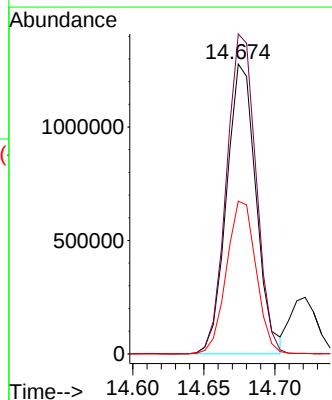
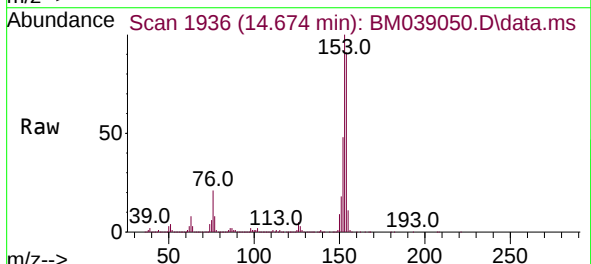
Instrument :
BNA_M
ClientSampleId :
COMP-1MSD

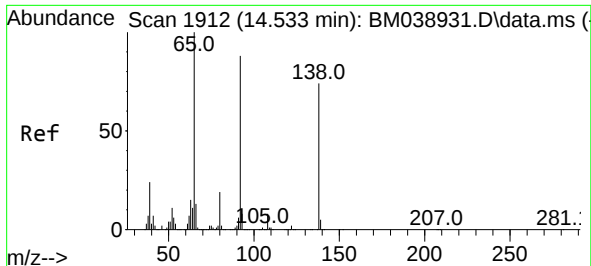
Tgt Ion:165 Resp: 488662
Ion Ratio Lower Upper
165 100
63 61.3 46.6 70.0
89 62.0 48.6 73.0



#52
Acenaphthene
Concen: 43.776 ng
RT: 14.674 min Scan# 1936
Delta R.T. -0.006 min
Lab File: BM039050.D
Acq: 20 Mar 2023 18:39

Tgt Ion:154 Resp: 1849797
Ion Ratio Lower Upper
154 100
153 110.4 90.2 135.2
152 52.7 43.4 65.2

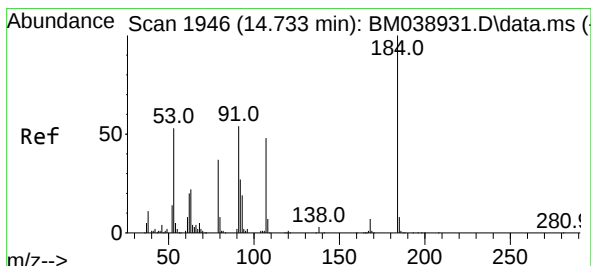
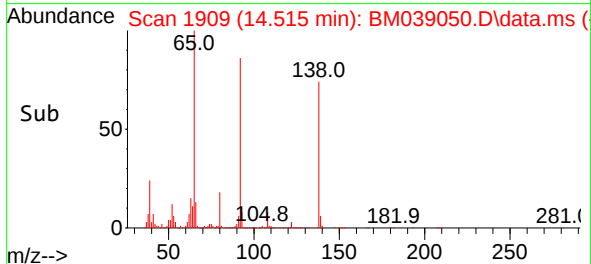
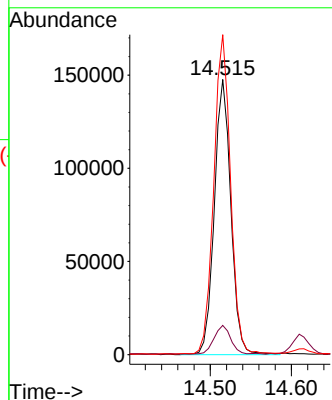
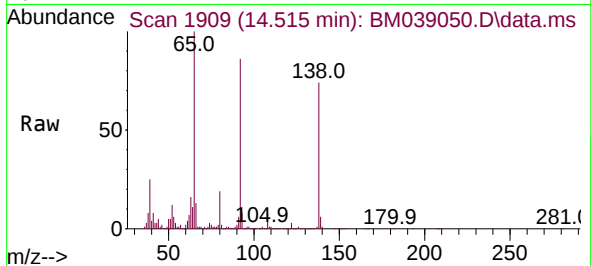




#53
3-Nitroaniline
Concen: 16.647 ng
RT: 14.515 min Scan# 1909
Delta R.T. -0.006 min
Lab File: BM039050.D
Acq: 20 Mar 2023 18:39

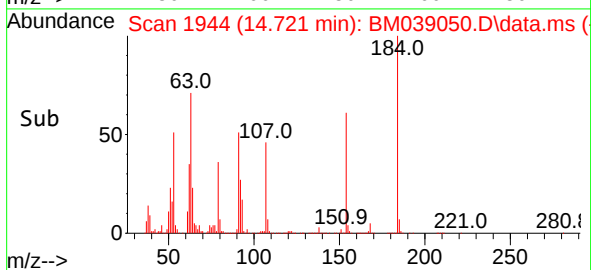
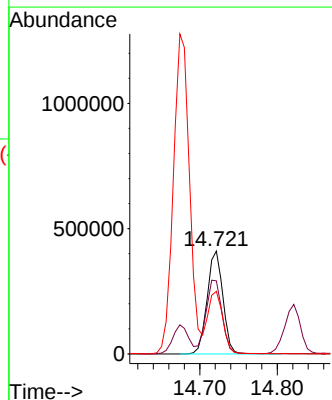
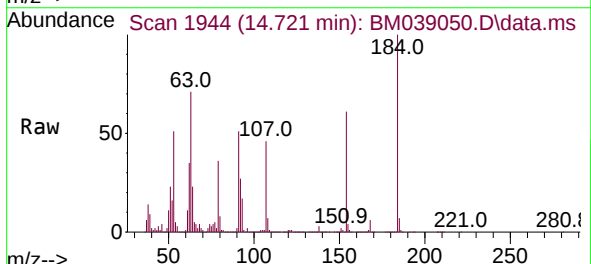
Instrument :
BNA_M
ClientSampleId :
COMP-1MSD

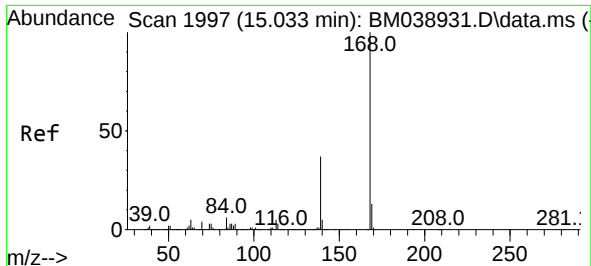
Tgt Ion:138 Resp: 209348
Ion Ratio Lower Upper
138 100
108 10.6 8.3 12.5
92 116.3 95.8 143.8



#54
2,4-Dinitrophenol
Concen: 86.580 ng
RT: 14.721 min Scan# 1944
Delta R.T. -0.000 min
Lab File: BM039050.D
Acq: 20 Mar 2023 18:39

Tgt Ion:184 Resp: 575255
Ion Ratio Lower Upper
184 100
63 71.1 60.6 90.8
154 60.7 51.4 77.2

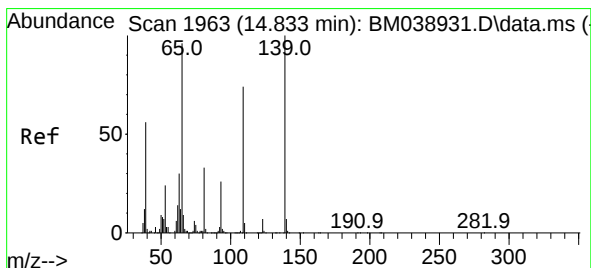
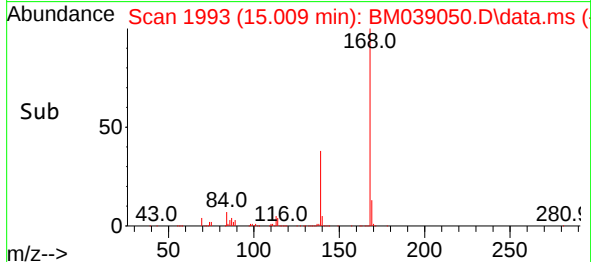
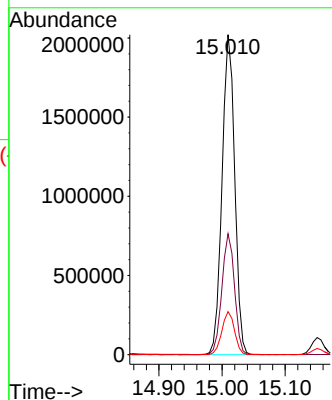
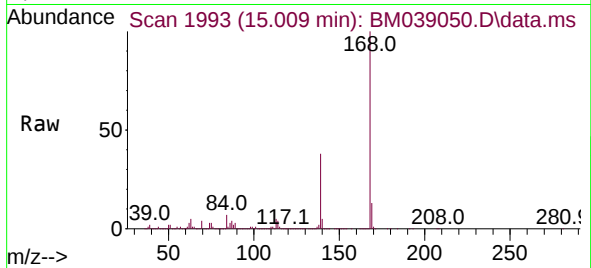




#55
Dibenzofuran
Concen: 42.498 ng
RT: 15.009 min Scan# 1997
Delta R.T. -0.006 min
Lab File: BM039050.D
Acq: 20 Mar 2023 18:39

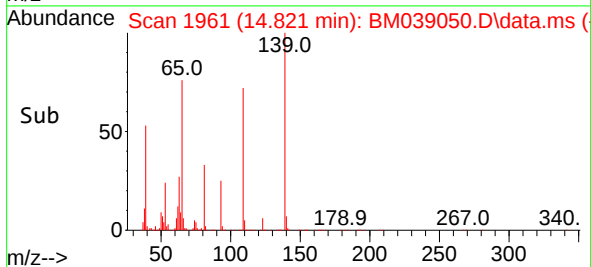
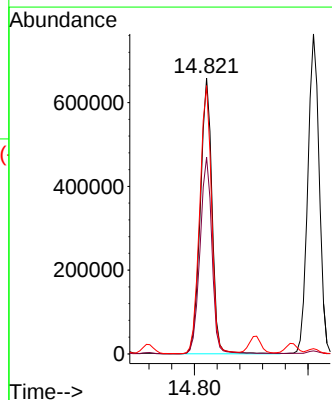
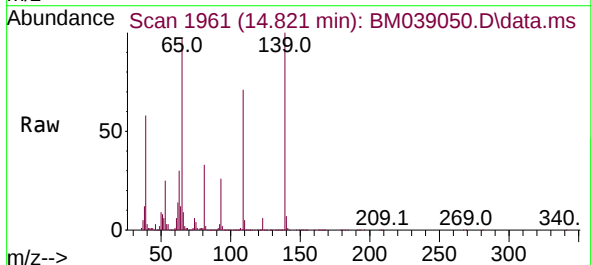
Instrument :
BNA_M
ClientSampleId :
COMP-1MSD

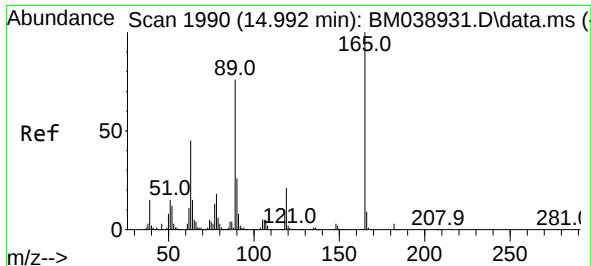
Tgt Ion:168 Resp: 2810189
Ion Ratio Lower Upper
168 100
139 37.8 29.9 44.9
169 13.4 10.7 16.1



#56
4-Nitrophenol
Concen: 90.912 ng
RT: 14.821 min Scan# 1961
Delta R.T. -0.000 min
Lab File: BM039050.D
Acq: 20 Mar 2023 18:39

Tgt Ion:139 Resp: 938804
Ion Ratio Lower Upper
139 100
109 71.3 53.5 93.5
65 97.3 76.4 116.4

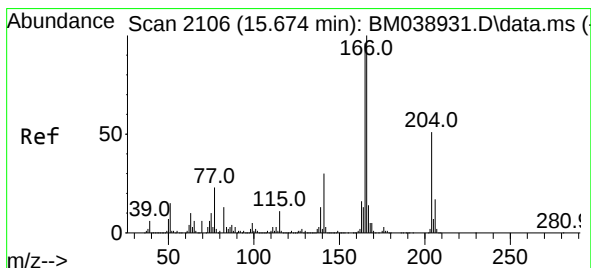
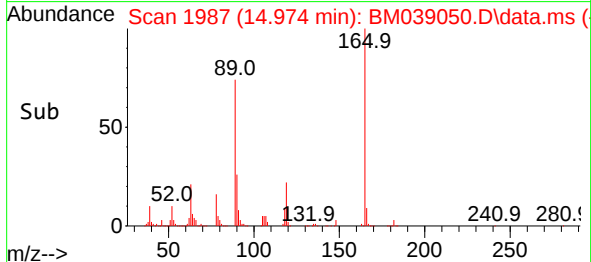
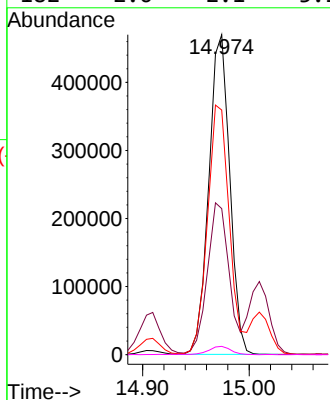
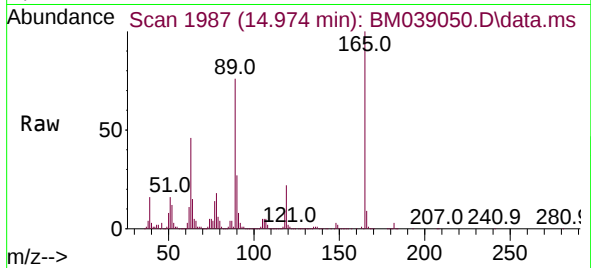




#57
2,4-Dinitrotoluene
Concen: 42.618 ng
RT: 14.974 min Scan# 1990
Delta R.T. -0.000 min
Lab File: BM039050.D
Acq: 20 Mar 2023 18:39

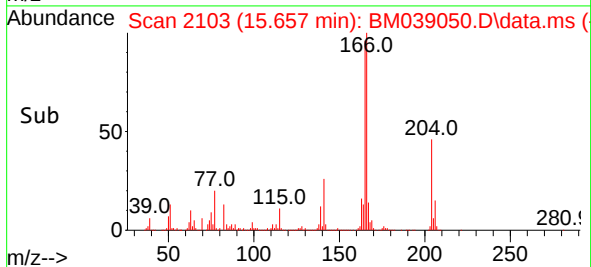
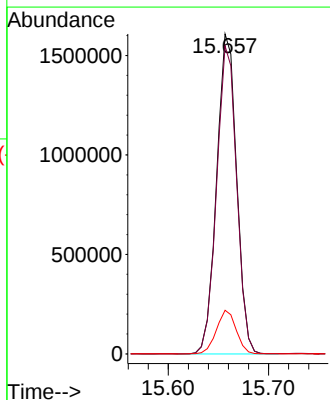
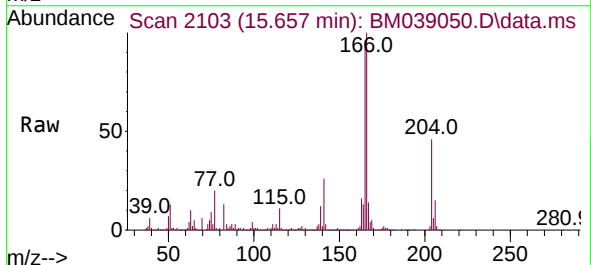
Instrument :
BNA_M
ClientSampleId :
COMP-1MSD

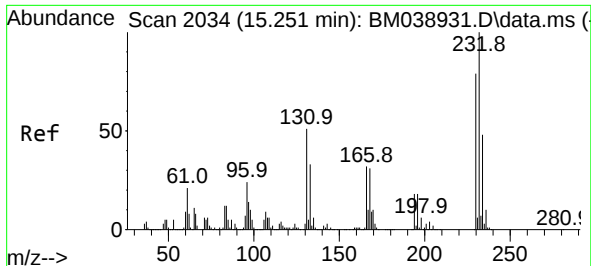
Tgt Ion:165 Resp: 641261
Ion Ratio Lower Upper
165 100
63 45.7 35.9 53.9
89 76.4 61.0 91.6
182 2.6 2.1 3.1



#58
Fluorene
Concen: 43.135 ng
RT: 15.657 min Scan# 2103
Delta R.T. -0.006 min
Lab File: BM039050.D
Acq: 20 Mar 2023 18:39

Tgt Ion:166 Resp: 2234263
Ion Ratio Lower Upper
166 100
165 96.2 77.1 115.7
167 13.6 10.9 16.3

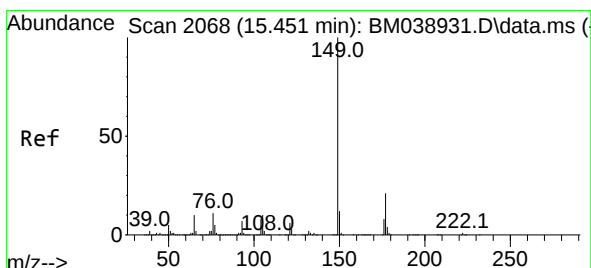
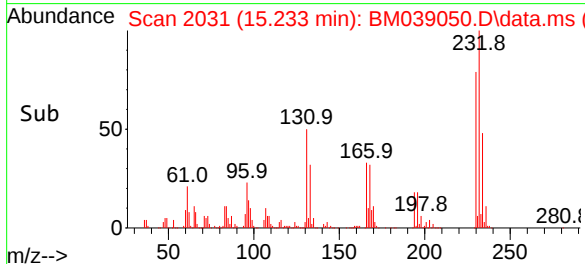
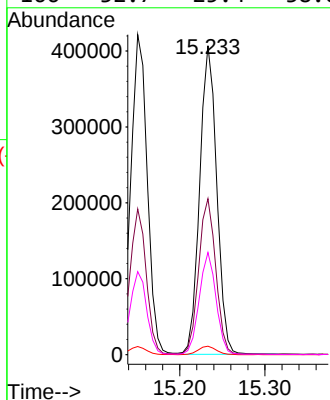
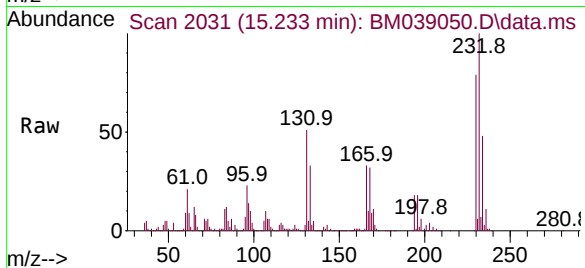




#59
2,3,4,6-Tetrachlorophenol
Concen: 44.004 ng
RT: 15.233 min Scan# 2034
Delta R.T. -0.006 min
Lab File: BM039050.D
Acq: 20 Mar 2023 18:39

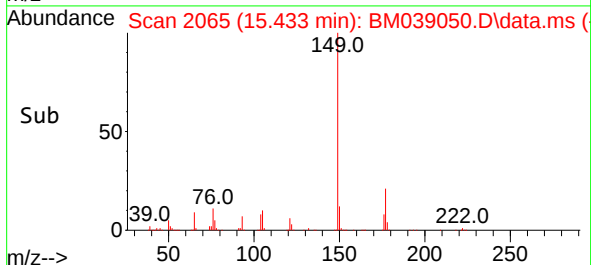
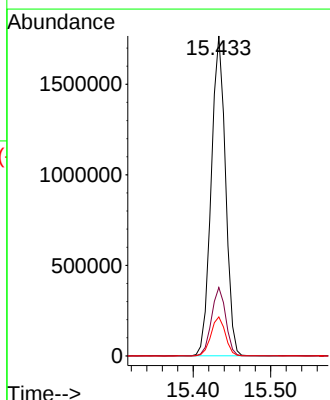
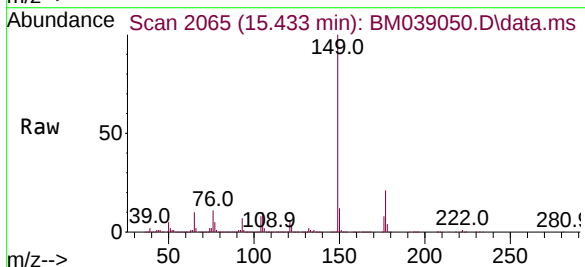
Instrument :
BNA_M
ClientSampleId :
COMP-1MSD

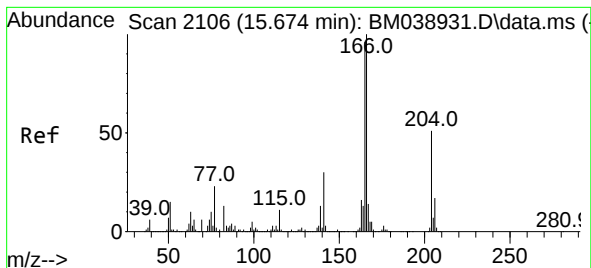
Tgt Ion:232 Resp: 565060
Ion Ratio Lower Upper
232 100
131 50.9 40.0 60.0
130 2.8 2.0 3.0
166 32.7 25.4 38.0



#60
Diethylphthalate
Concen: 44.734 ng
RT: 15.433 min Scan# 2065
Delta R.T. -0.006 min
Lab File: BM039050.D
Acq: 20 Mar 2023 18:39

Tgt Ion:149 Resp: 2263197
Ion Ratio Lower Upper
149 100
177 21.4 17.1 25.7
150 12.2 9.7 14.5

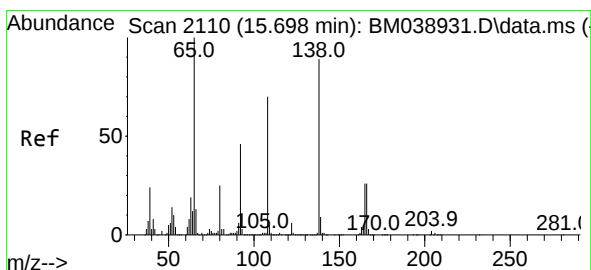
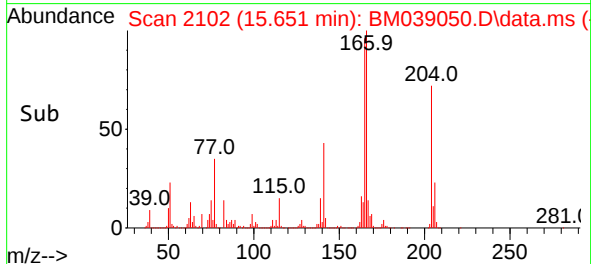
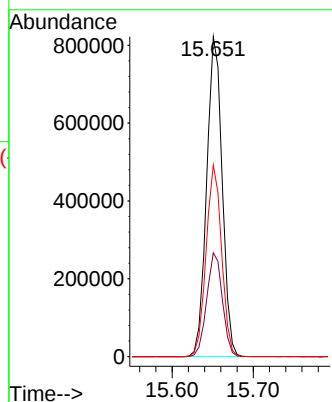
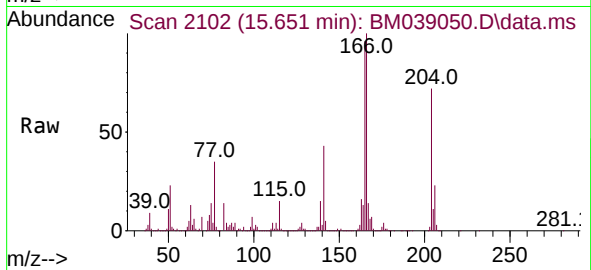




#61
4-Chlorophenyl-phenylether
Concen: 42.931 ng
RT: 15.651 min Scan# 2102
Delta R.T. -0.006 min
Lab File: BM039050.D
Acq: 20 Mar 2023 18:39

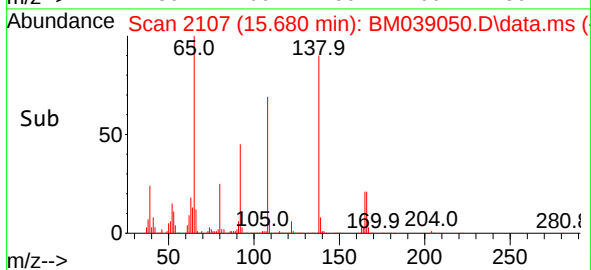
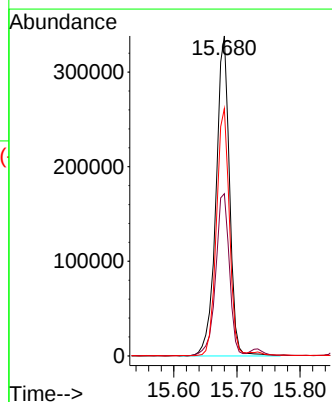
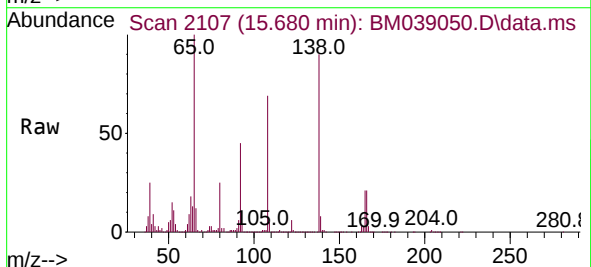
Instrument :
BNA_M
ClientSampleId :
COMP-1MSD

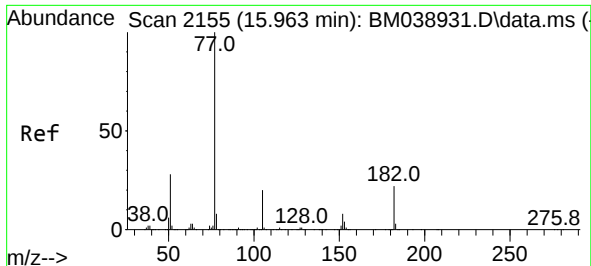
Tgt Ion:204 Resp: 1092458
Ion Ratio Lower Upper
204 100
206 32.5 26.4 39.6
141 59.9 46.4 69.6



#62
4-Nitroaniline
Concen: 37.155 ng
RT: 15.680 min Scan# 2107
Delta R.T. -0.006 min
Lab File: BM039050.D
Acq: 20 Mar 2023 18:39

Tgt Ion:138 Resp: 502758
Ion Ratio Lower Upper
138 100
92 50.7 31.6 71.6
108 77.3 58.6 98.6

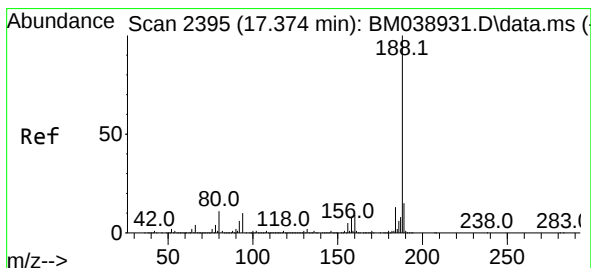
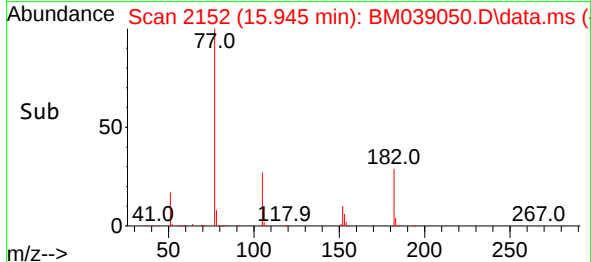
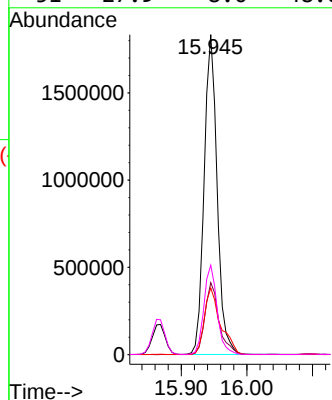
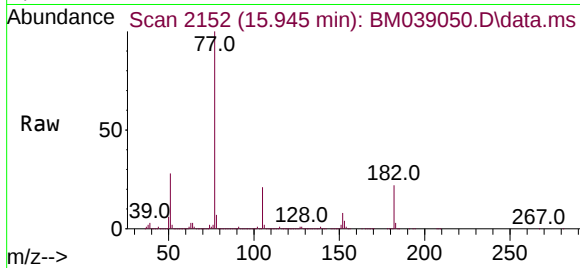




#63
Azobenzene
Concen: 46.805 ng
RT: 15.945 min Scan# 2155
Delta R.T. -0.006 min
Lab File: BM039050.D
Acq: 20 Mar 2023 18:39

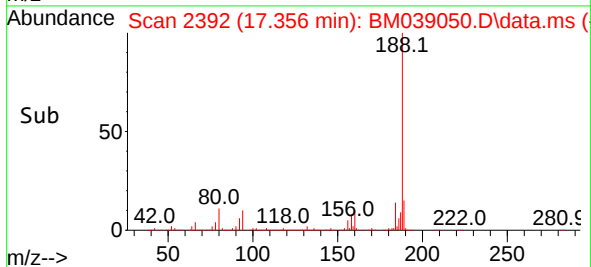
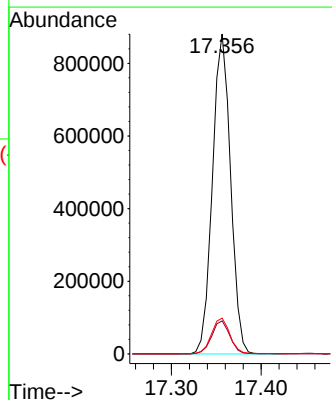
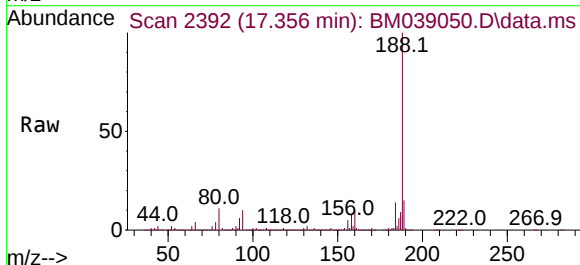
Instrument :
BNA_M
ClientSampleId :
COMP-1MSD

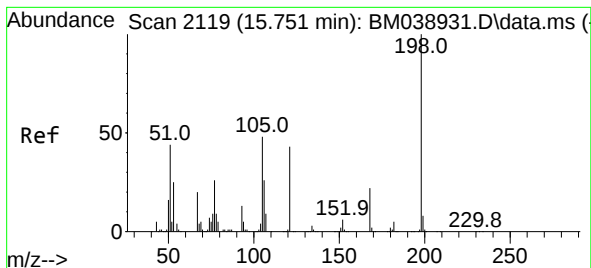
Tgt Ion: 77 Resp: 2505592
Ion Ratio Lower Upper
77 100
182 22.5 2.0 42.0
105 20.8 0.4 40.4
51 27.9 8.0 48.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.356 min Scan# 2392
Delta R.T. -0.006 min
Lab File: BM039050.D
Acq: 20 Mar 2023 18:39

Tgt Ion: 188 Resp: 1232584
Ion Ratio Lower Upper
188 100
94 10.4 7.9 11.9
80 11.2 8.5 12.7

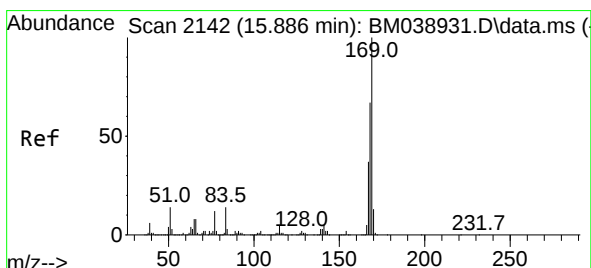
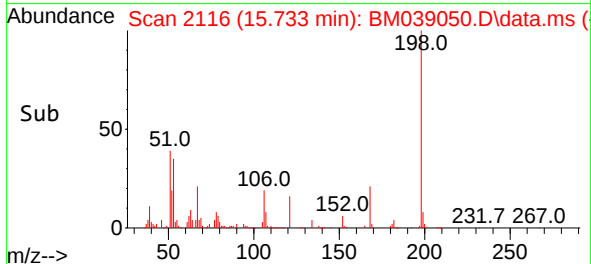
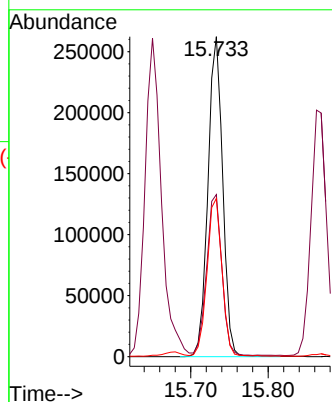
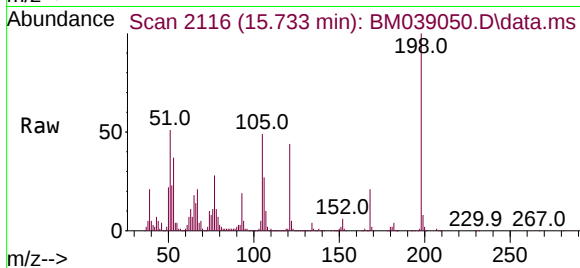




#65
4,6-Dinitro-2-methylphenol
Concen: 43.247 ng
RT: 15.733 min Scan# 2116
Delta R.T. -0.006 min
Lab File: BM039050.D
Acq: 20 Mar 2023 18:39

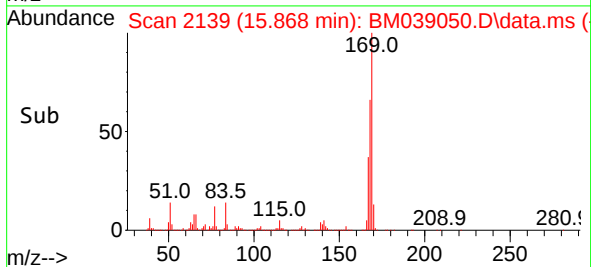
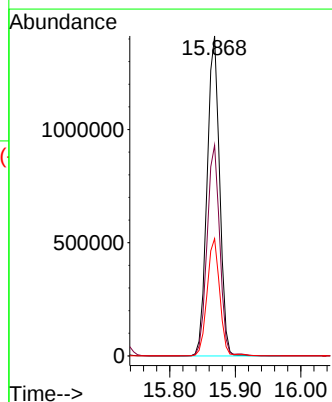
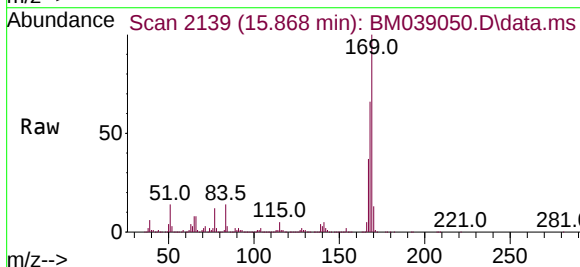
Instrument :
BNA_M
ClientSampleId :
COMP-1MSD

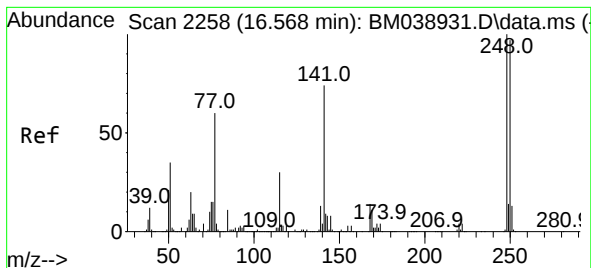
Tgt Ion:198 Resp: 345749
Ion Ratio Lower Upper
198 100
51 50.6 30.1 70.1
105 49.4 29.3 69.3



#66
n-Nitrosodiphenylamine
Concen: 44.853 ng
RT: 15.868 min Scan# 2139
Delta R.T. -0.006 min
Lab File: BM039050.D
Acq: 20 Mar 2023 18:39

Tgt Ion:169 Resp: 1863776
Ion Ratio Lower Upper
169 100
168 65.8 53.4 80.0
167 36.6 29.4 44.0

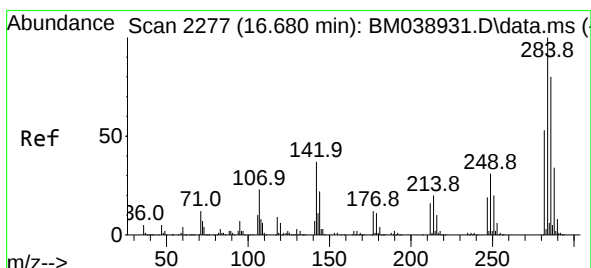
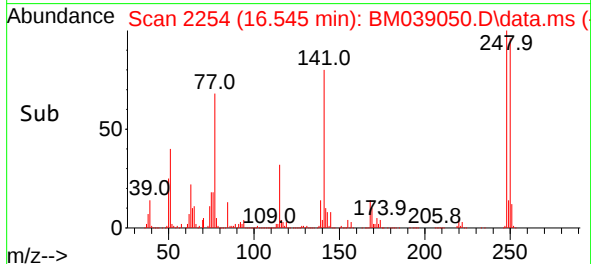
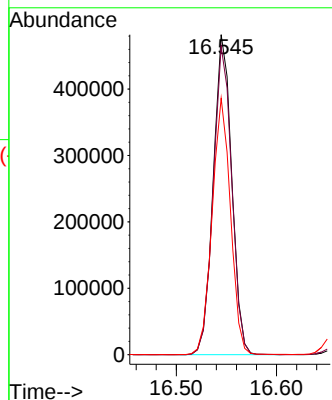
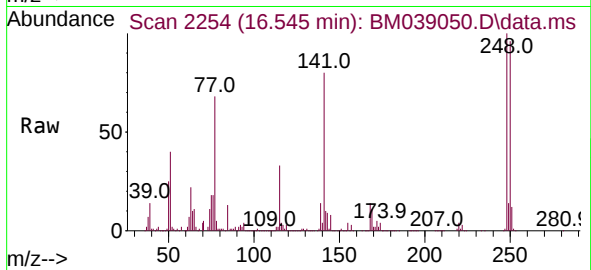




#67
4-Bromophenyl-phenylether
Concen: 46.303 ng
RT: 16.545 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM039050.D
Acq: 20 Mar 2023 18:39

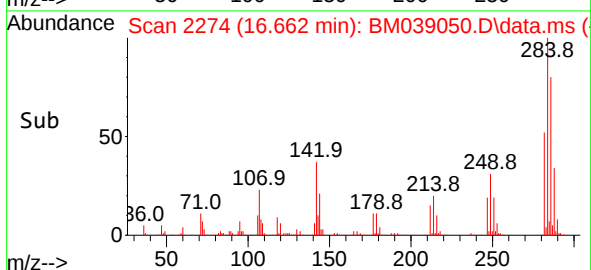
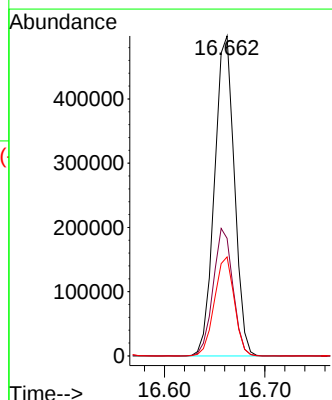
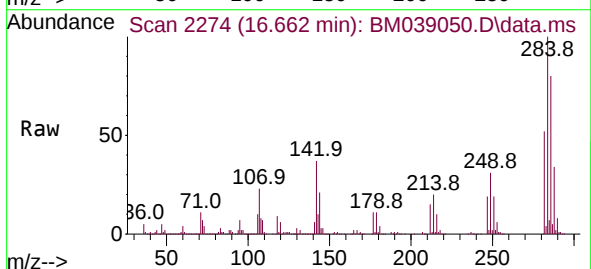
Instrument :
BNA_M
ClientSampleId :
COMP-1MSD

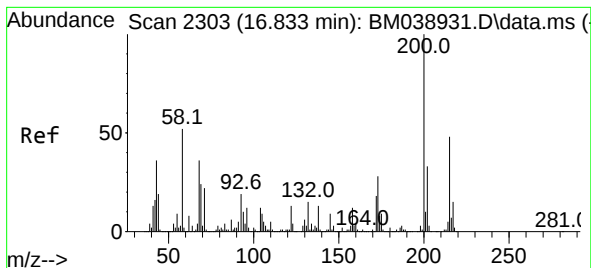
Tgt Ion:248 Resp: 616451
Ion Ratio Lower Upper
248 100
250 96.3 77.8 116.8
141 80.1 59.0 88.4



#68
Hexachlorobenzene
Concen: 46.030 ng
RT: 16.662 min Scan# 2274
Delta R.T. -0.000 min
Lab File: BM039050.D
Acq: 20 Mar 2023 18:39

Tgt Ion:284 Resp: 685052
Ion Ratio Lower Upper
284 100
142 36.7 29.5 44.3
249 30.9 25.0 37.4





#69

Atrazine

Concen: 52.040 ng

RT: 16.821 min Scan# 2301

Delta R.T. -0.000 min

Lab File: BM039050.D

Acq: 20 Mar 2023 18:39

Instrument :

BNA_M

ClientSampleId :

COMP-1MSD

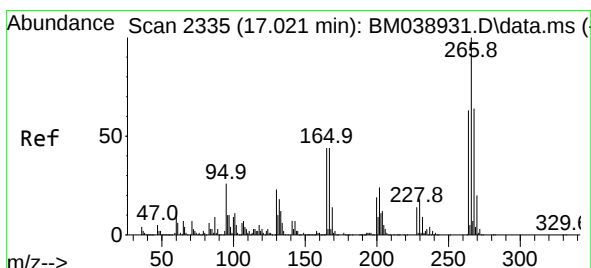
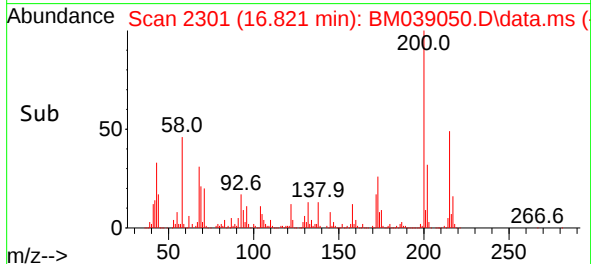
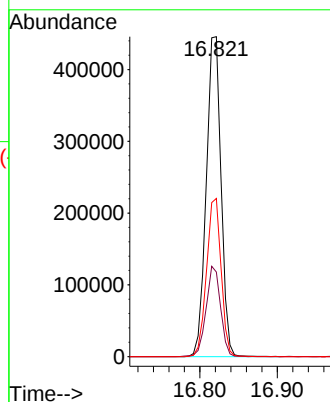
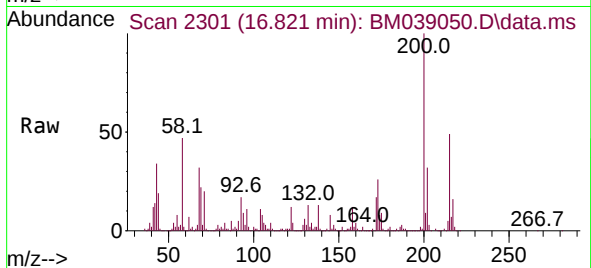
Tgt Ion:200 Resp: 590649

Ion Ratio Lower Upper

200 100

173 26.4 8.2 48.2

215 49.4 27.8 67.8



#70

Pentachlorophenol

Concen: 82.601 ng

RT: 17.003 min Scan# 2332

Delta R.T. -0.006 min

Lab File: BM039050.D

Acq: 20 Mar 2023 18:39

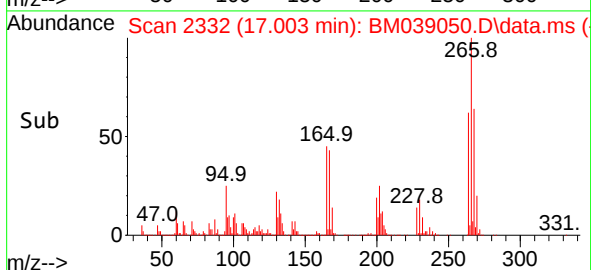
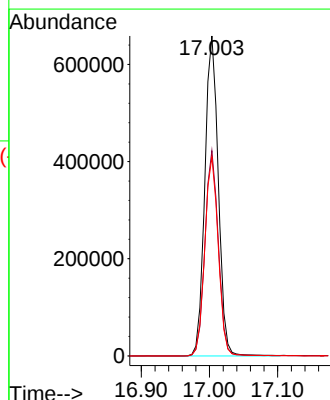
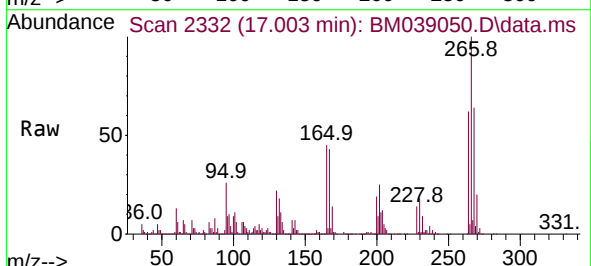
Tgt Ion:266 Resp: 904182

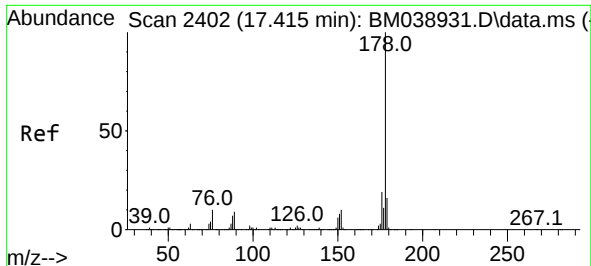
Ion Ratio Lower Upper

266 100

268 64.1 51.0 76.4

264 62.2 50.3 75.5

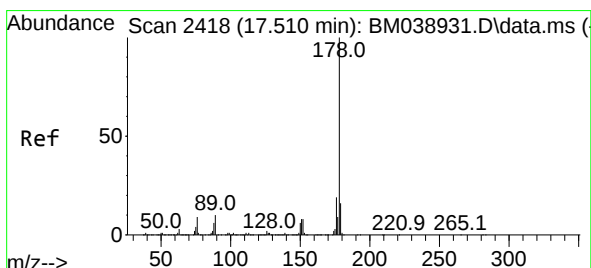
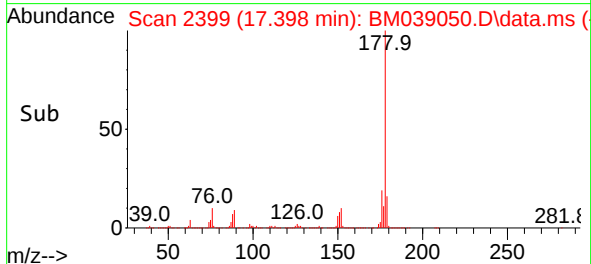
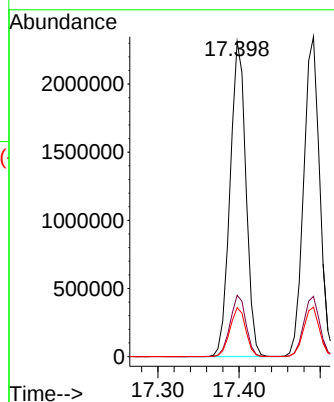
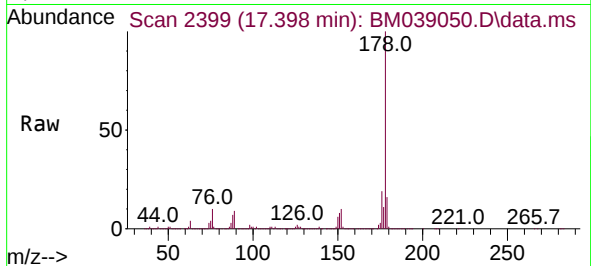




#71
Phenanthrene
Concen: 43.356 ng
RT: 17.398 min Scan# 2411
Delta R.T. -0.006 min
Lab File: BM039050.D
Acq: 20 Mar 2023 18:39

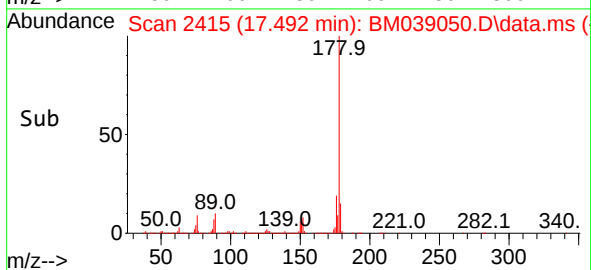
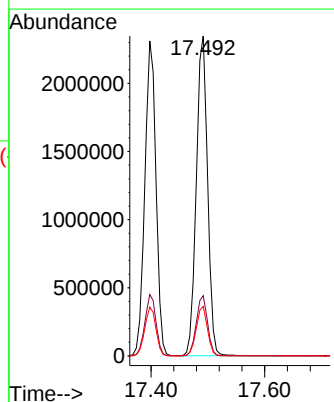
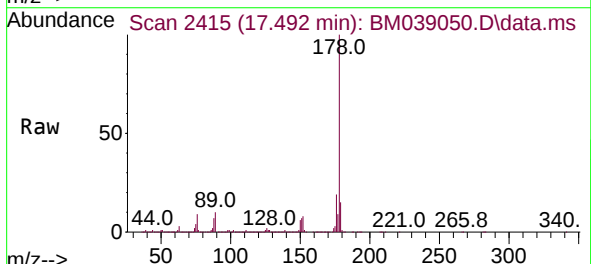
Instrument :
BNA_M
ClientSampleId :
COMP-1MSD

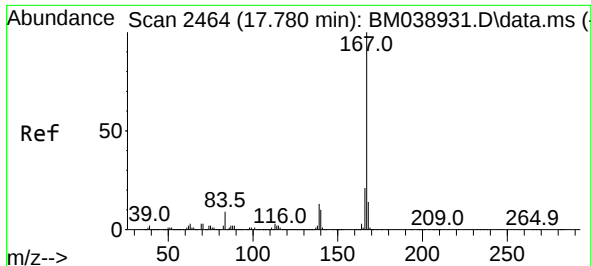
Tgt Ion:178 Resp: 3136419
Ion Ratio Lower Upper
178 100
176 19.5 15.6 23.4
179 15.5 12.5 18.7



#72
Anthracene
Concen: 44.564 ng
RT: 17.492 min Scan# 2415
Delta R.T. -0.000 min
Lab File: BM039050.D
Acq: 20 Mar 2023 18:39

Tgt Ion:178 Resp: 3214985
Ion Ratio Lower Upper
178 100
176 18.8 15.3 22.9
179 15.5 12.5 18.7



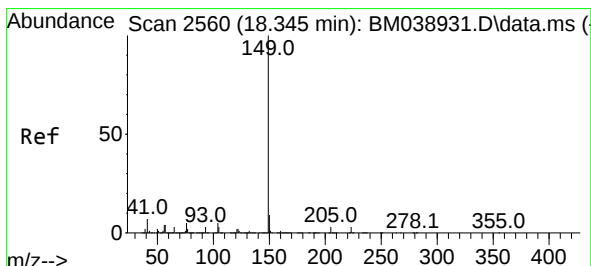
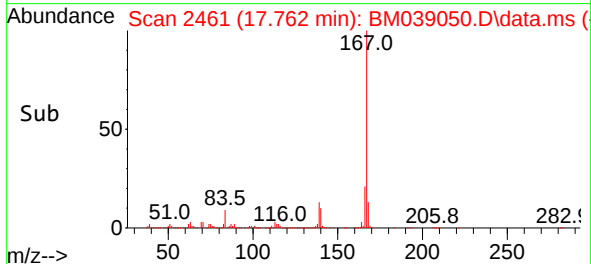
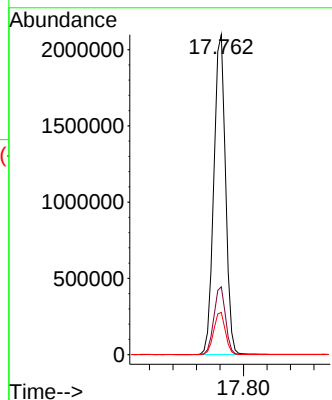
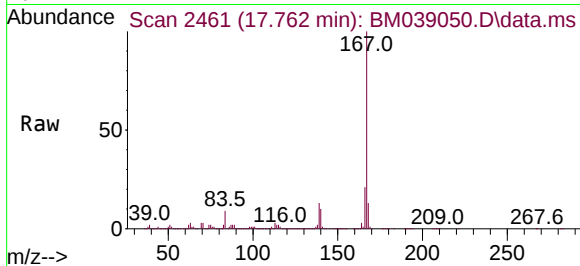


#73
 Carbazole
 Concen: 43.944 ng
 RT: 17.762 min Scan# 24
 Delta R.T. -0.000 min
 Lab File: BM039050.D
 Acq: 20 Mar 2023 18:39

Instrument :
 BNA_M
 ClientSampleId :
 COMP-1MSD

Tgt Ion:167 Resp: 2893302

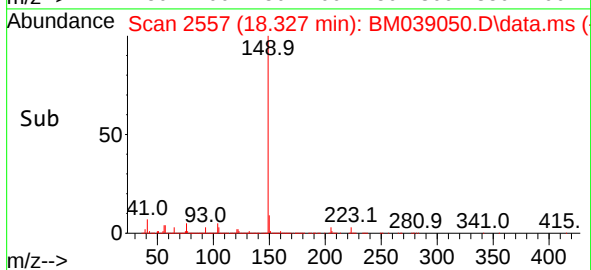
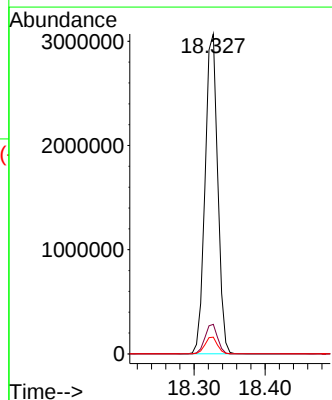
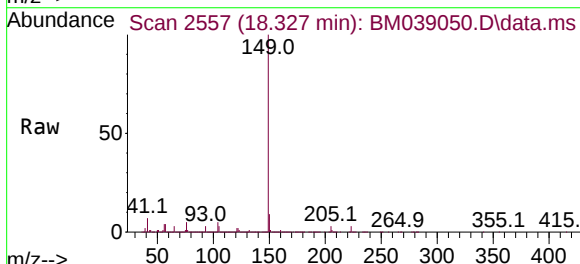
Ion	Ratio	Lower	Upper
167	100		
166	21.2	17.0	25.4
139	13.2	10.3	15.5

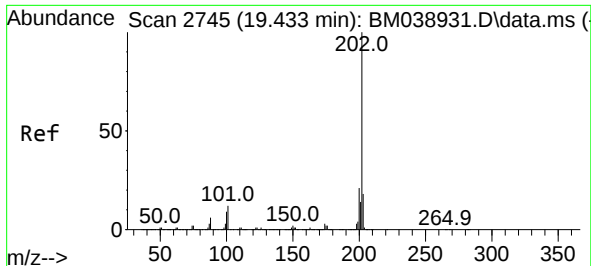


#74
 Di-n-butylphthalate
 Concen: 46.813 ng
 RT: 18.327 min Scan# 2557
 Delta R.T. -0.000 min
 Lab File: BM039050.D
 Acq: 20 Mar 2023 18:39

Tgt Ion:149 Resp: 3755690

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.4	11.2
104	5.2	4.3	6.5

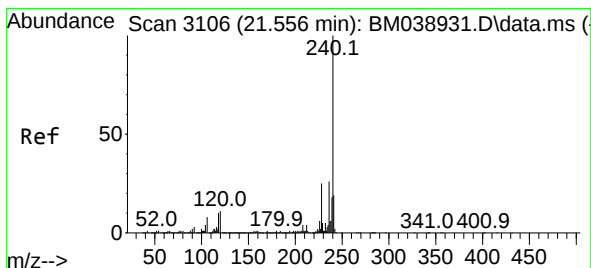
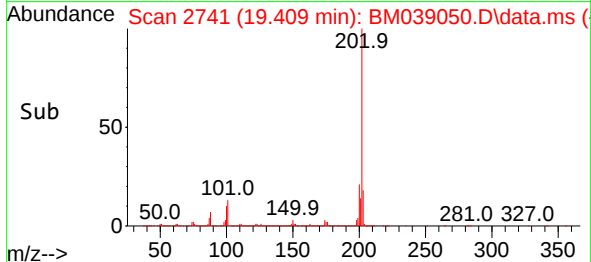
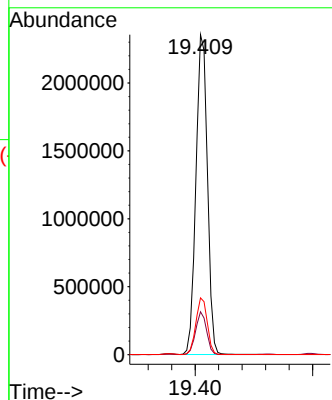
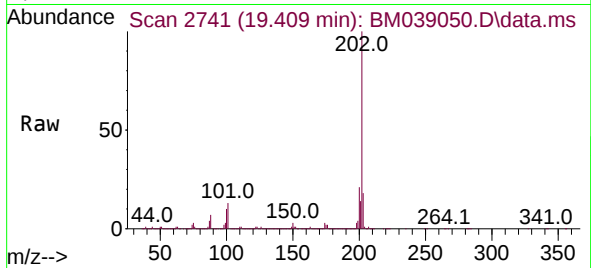




#75
Fluoranthene
Concen: 41.728 ng
RT: 19.409 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM039050.D
Acq: 20 Mar 2023 18:39

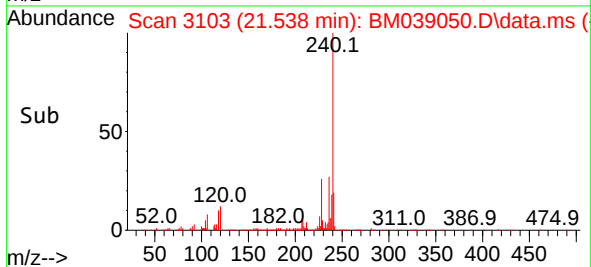
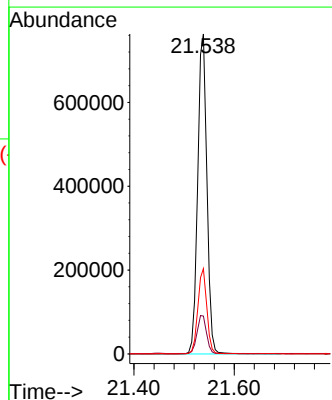
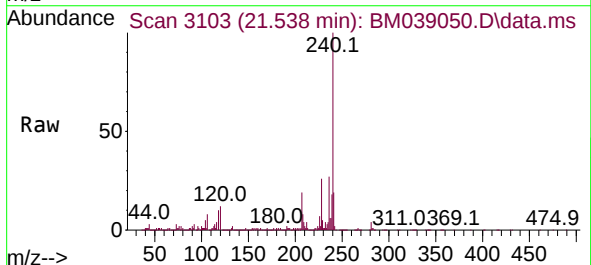
Instrument :
BNA_M
ClientSampleId :
COMP-1MSD

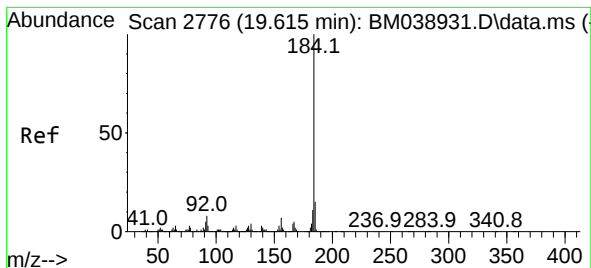
Tgt Ion:202 Resp: 3187185
Ion Ratio Lower Upper
202 100
101 13.4 0.0 31.7
203 17.7 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.538 min Scan# 3103
Delta R.T. -0.000 min
Lab File: BM039050.D
Acq: 20 Mar 2023 18:39

Tgt Ion:240 Resp: 970985
Ion Ratio Lower Upper
240 100
120 11.8 9.2 13.8
236 26.6 20.8 31.2





#77

Benzidine

Concen: 65.420 ng

RT: 19.597 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM039050.D

Acq: 20 Mar 2023 18:39

Instrument :

BNA_M

ClientSampleId :

COMP-1MSD

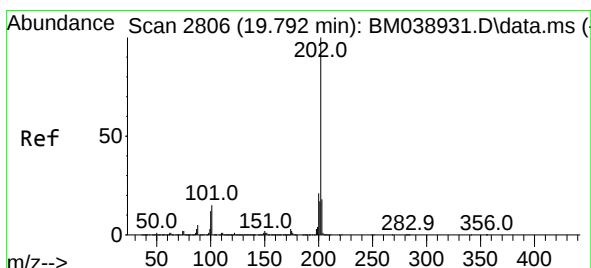
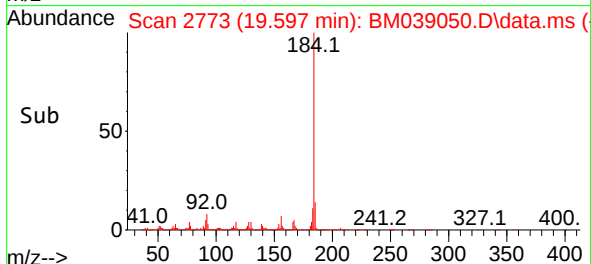
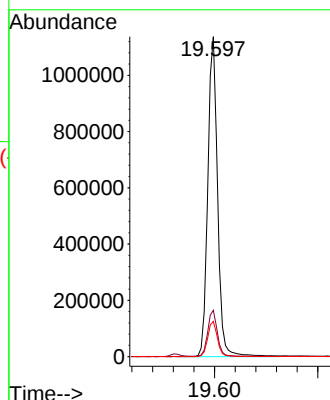
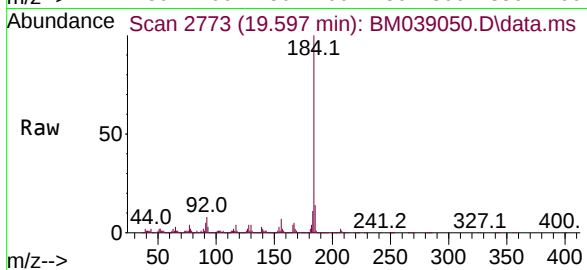
Tgt Ion:184 Resp: 1491540

Ion Ratio Lower Upper

184 100

185 14.5 12.2 18.4

183 11.0 8.8 13.2



#78

Pyrene

Concen: 46.205 ng

RT: 19.774 min Scan# 2803

Delta R.T. -0.006 min

Lab File: BM039050.D

Acq: 20 Mar 2023 18:39

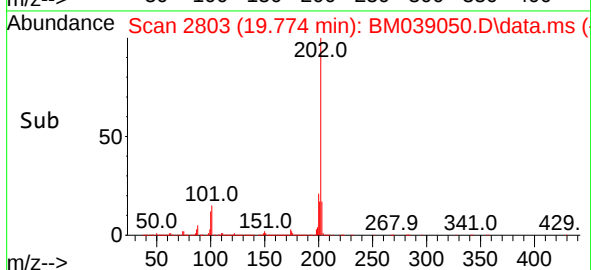
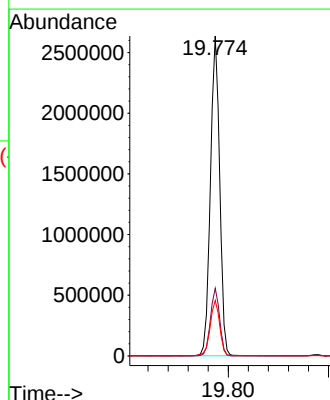
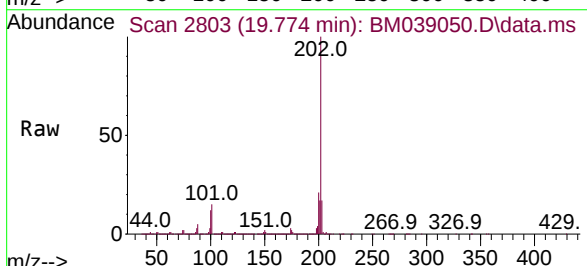
Tgt Ion:202 Resp: 3369715

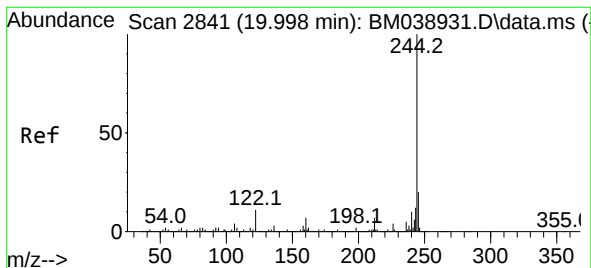
Ion Ratio Lower Upper

202 100

200 21.1 17.1 25.7

203 17.3 14.1 21.1





#79

Terphenyl-d14

Concen: 71.301 ng

RT: 19.974 min Scan# 2841

Delta R.T. -0.006 min

Lab File: BM039050.D

Acq: 20 Mar 2023 18:39

Instrument :

BNA_M

ClientSampleId :

COMP-1MSD

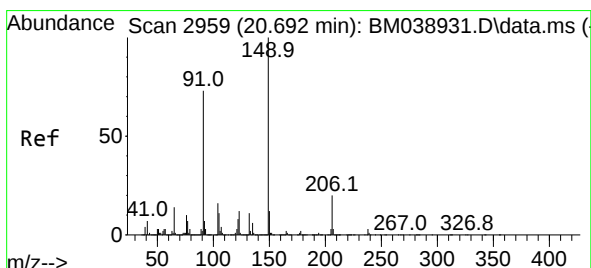
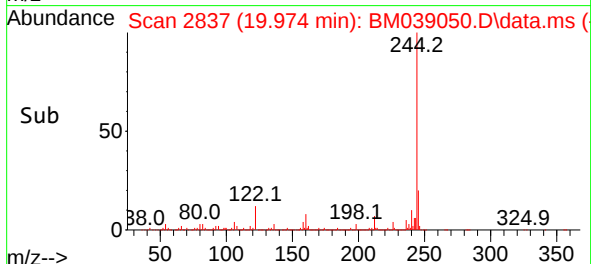
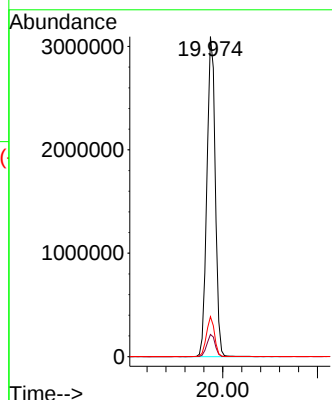
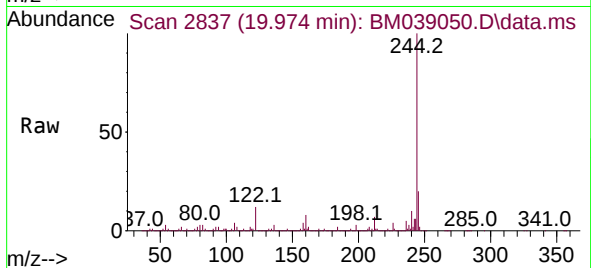
Tgt Ion:244 Resp: 3786631

Ion Ratio Lower Upper

244 100

212 6.9 5.5 8.3

122 12.5 9.0 13.4



#80

Butylbenzylphthalate

Concen: 48.817 ng

RT: 20.674 min Scan# 2956

Delta R.T. -0.000 min

Lab File: BM039050.D

Acq: 20 Mar 2023 18:39

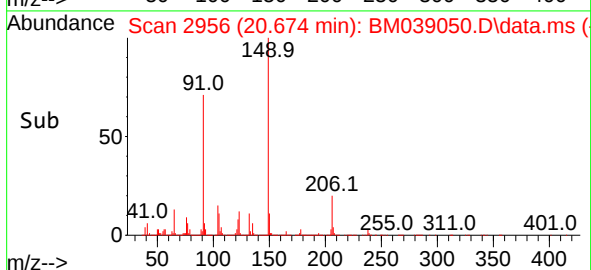
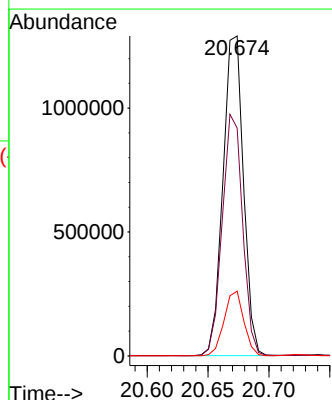
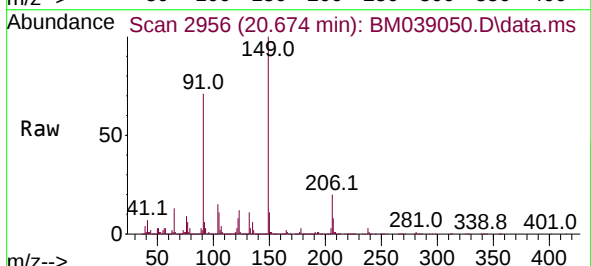
Tgt Ion:149 Resp: 1515684

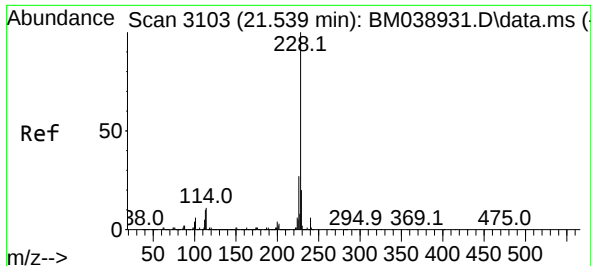
Ion Ratio Lower Upper

149 100

91 71.2 58.4 87.6

206 20.2 16.1 24.1

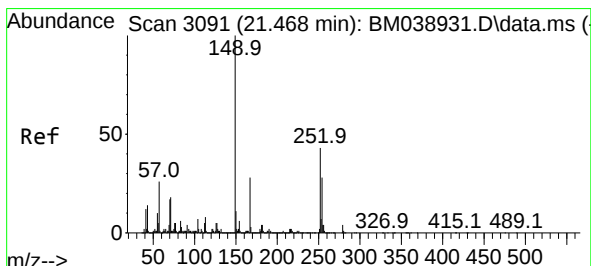
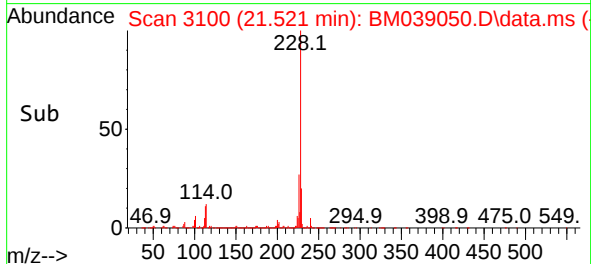
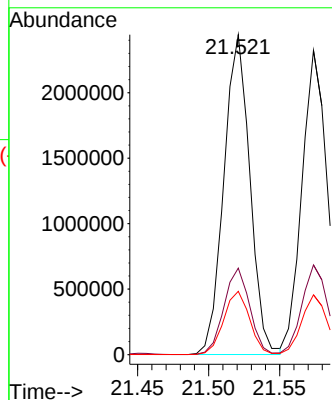
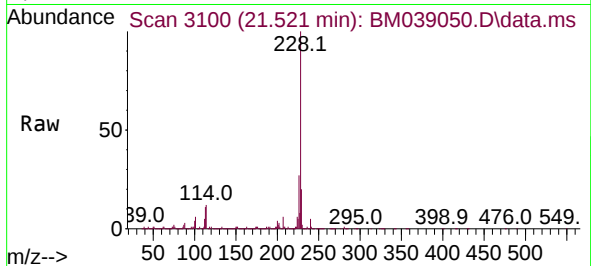




#81
Benzo(a)anthracene
Concen: 44.573 ng
RT: 21.521 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM039050.D
Acq: 20 Mar 2023 18:39

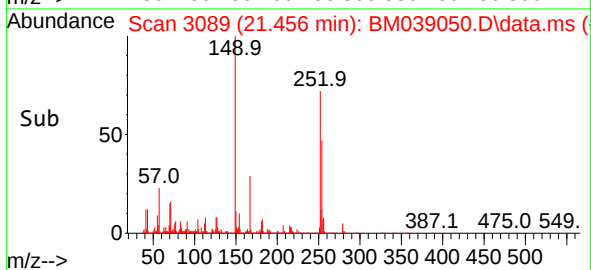
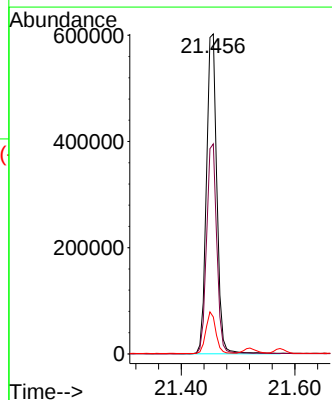
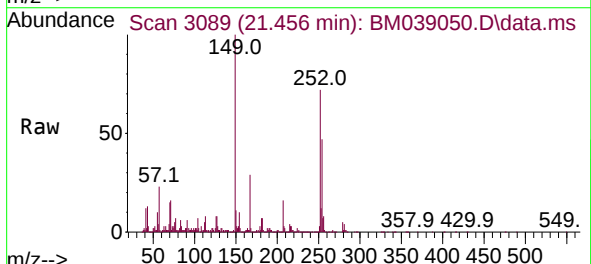
Instrument :
BNA_M
ClientSampleId :
COMP-1MSD

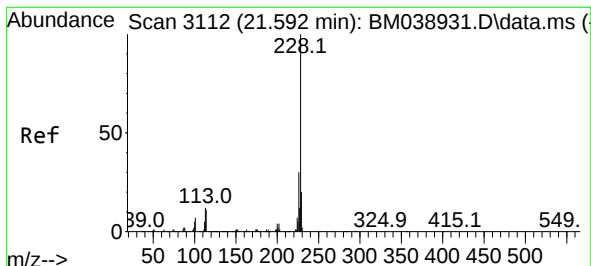
Tgt Ion:228 Resp: 3116768
Ion Ratio Lower Upper
228 100
226 27.0 21.4 32.2
229 19.8 15.7 23.5



#82
3,3'-Dichlorobenzidine
Concen: 35.679 ng
RT: 21.456 min Scan# 3089
Delta R.T. -0.000 min
Lab File: BM039050.D
Acq: 20 Mar 2023 18:39

Tgt Ion:252 Resp: 766770
Ion Ratio Lower Upper
252 100
254 65.6 51.5 77.3
126 11.5 9.9 14.9





#83

Chrysene

Concen: 42.669 ng

RT: 21.574 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM039050.D

Acq: 20 Mar 2023 18:39

Instrument :

BNA_M

ClientSampleId :

COMP-1MSD

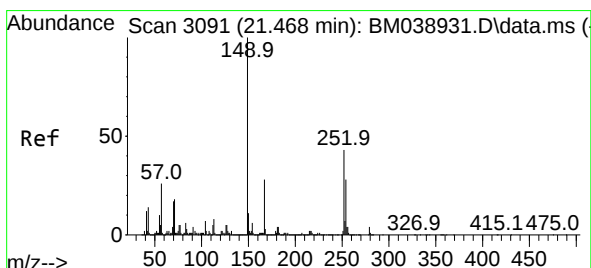
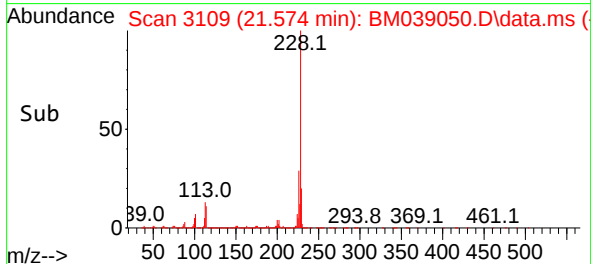
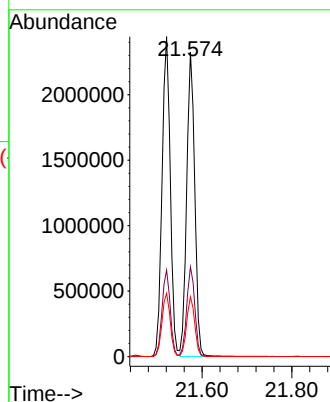
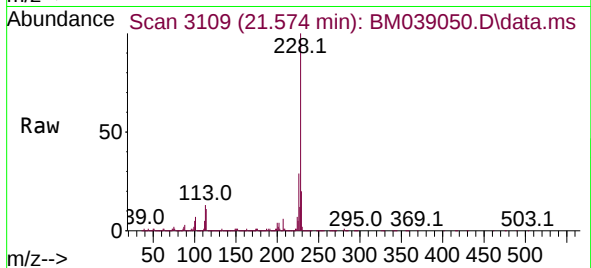
Tgt Ion:228 Resp: 2901861

Ion Ratio Lower Upper

228 100

226 29.5 24.0 36.0

229 19.6 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 49.767 ng

RT: 21.444 min Scan# 3087

Delta R.T. -0.006 min

Lab File: BM039050.D

Acq: 20 Mar 2023 18:39

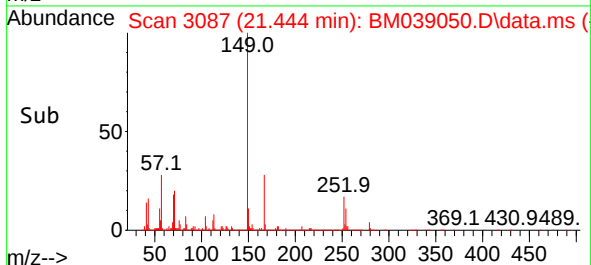
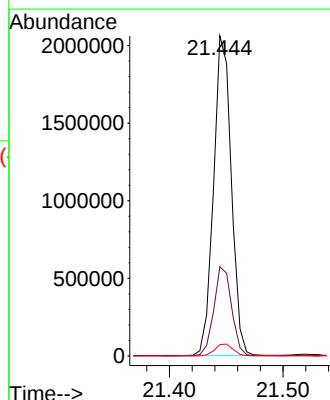
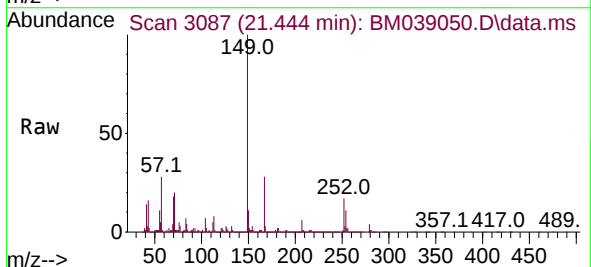
Tgt Ion:149 Resp: 2235677

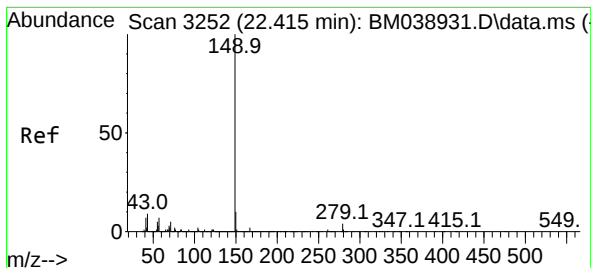
Ion Ratio Lower Upper

149 100

167 27.9 22.3 33.5

279 3.5 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 49.919 ng

RT: 22.385 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM039050.D

Acq: 20 Mar 2023 18:39

Instrument :

BNA_M

ClientSampleId :

COMP-1MSD

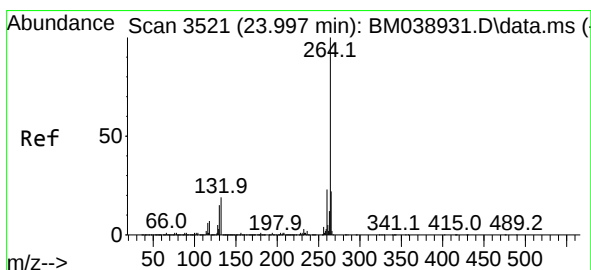
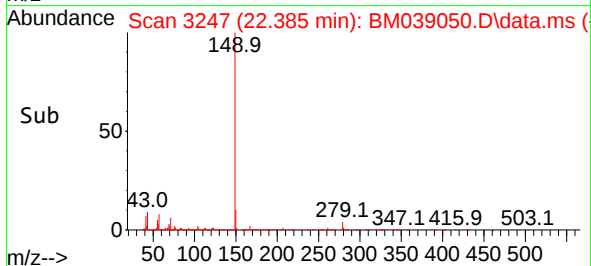
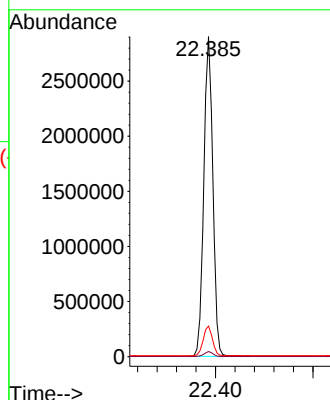
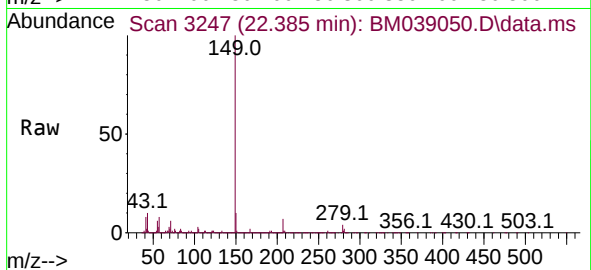
Tgt Ion:149 Resp: 3726442

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 9.4 7.4 11.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.974 min Scan# 3517

Delta R.T. -0.006 min

Lab File: BM039050.D

Acq: 20 Mar 2023 18:39

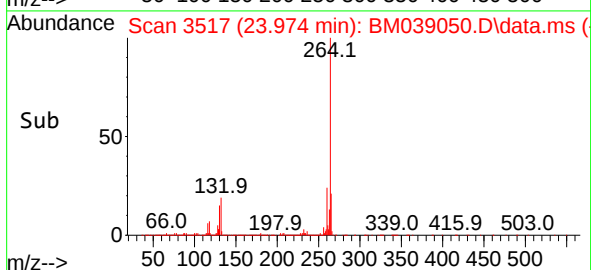
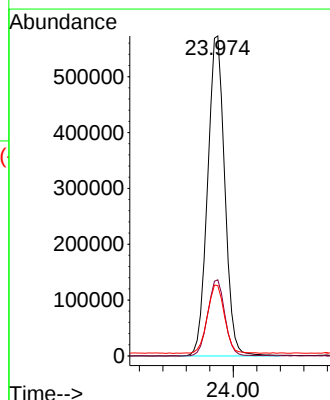
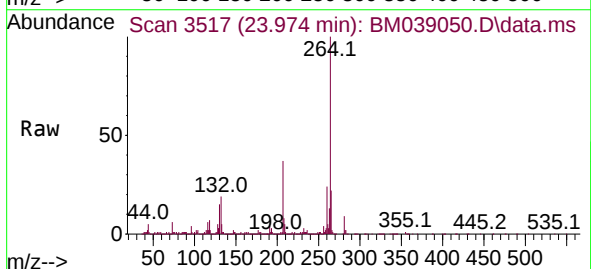
Tgt Ion:264 Resp: 1160003

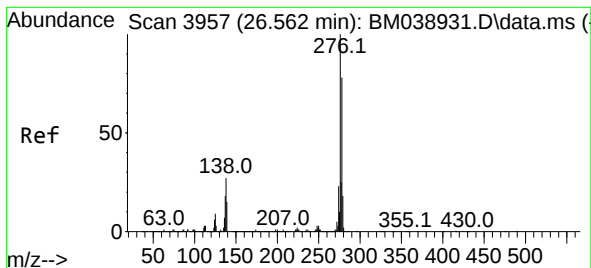
Ion Ratio Lower Upper

264 100

260 23.8 18.7 28.1

265 22.0 17.9 26.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 50.436 ng

RT: 26.515 min Scan# 3949

Delta R.T. -0.006 min

Lab File: BM039050.D

Acq: 20 Mar 2023 18:39

Instrument :

BNA_M

ClientSampleId :

COMP-1MSD

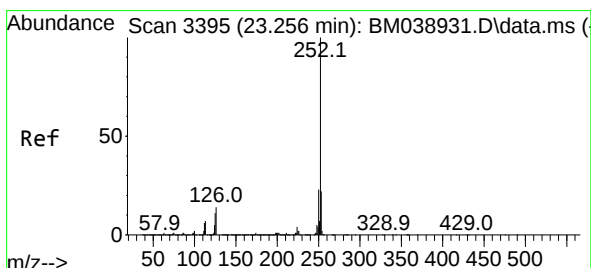
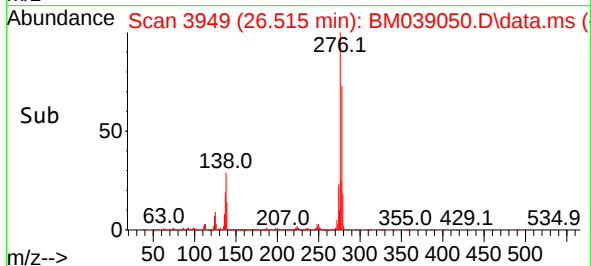
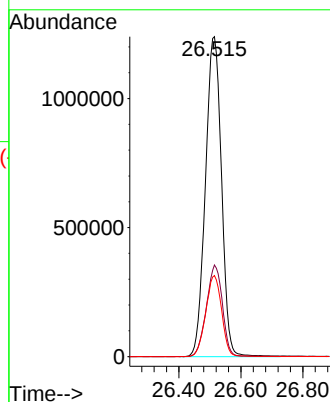
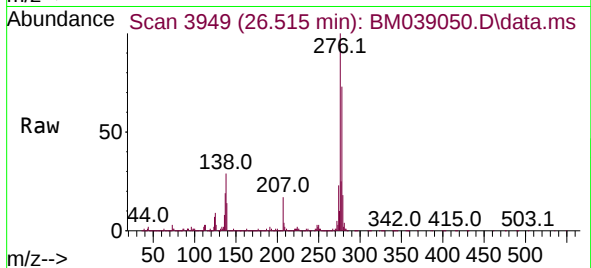
Tgt Ion:276 Resp: 4451831

Ion Ratio Lower Upper

276 100

138 28.5 22.1 33.1

277 25.1 20.1 30.1



#88

Benzo(b)fluoranthene

Concen: 45.955 ng

RT: 23.227 min Scan# 3390

Delta R.T. -0.012 min

Lab File: BM039050.D

Acq: 20 Mar 2023 18:39

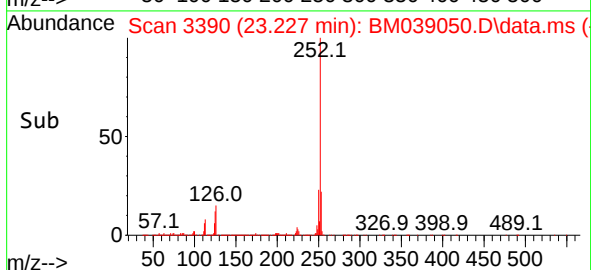
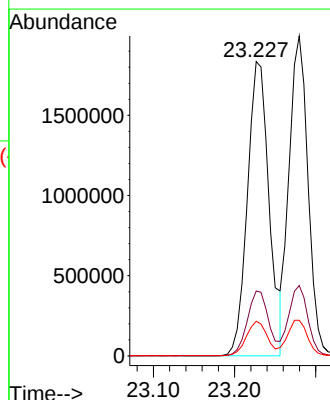
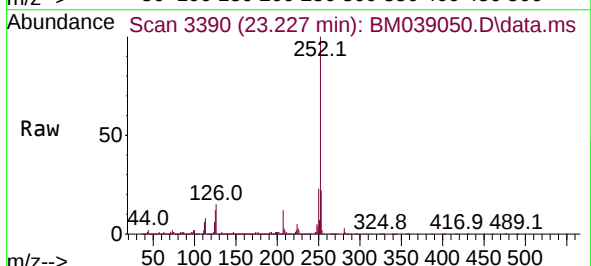
Tgt Ion:252 Resp: 3405686

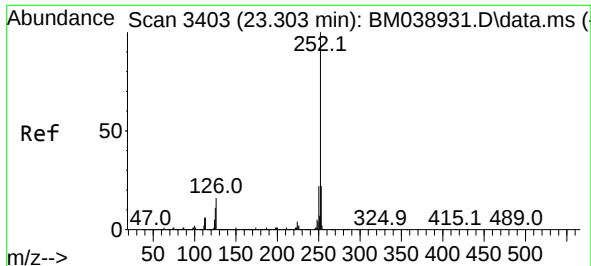
Ion Ratio Lower Upper

252 100

253 22.0 17.6 26.4

125 11.8 8.8 13.2

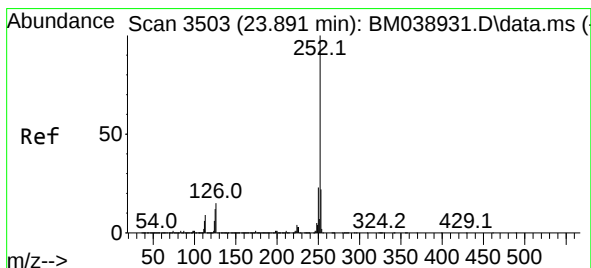
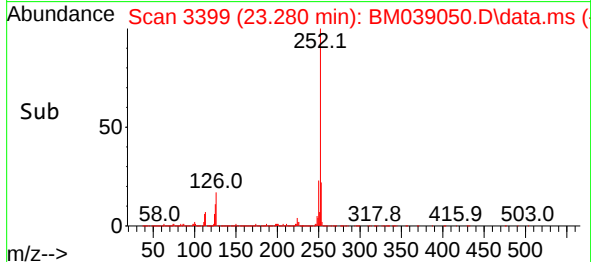
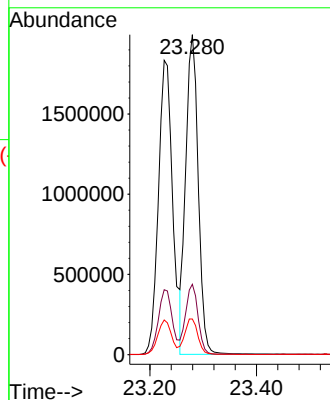
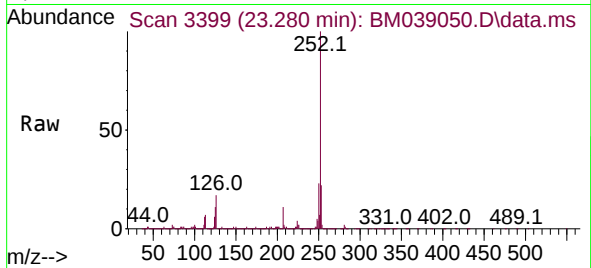




#89
Benzo(k)fluoranthene
Concen: 42.074 ng
RT: 23.280 min Scan# 3403
Delta R.T. -0.006 min
Lab File: BM039050.D
Acq: 20 Mar 2023 18:39

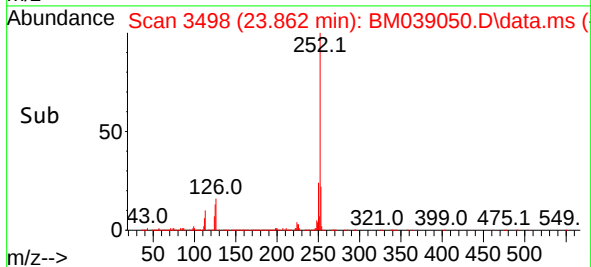
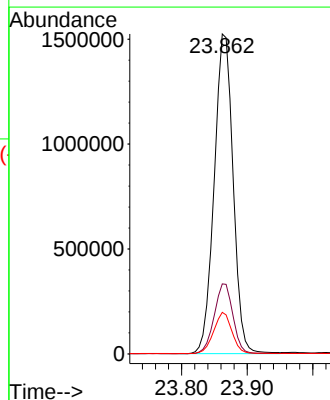
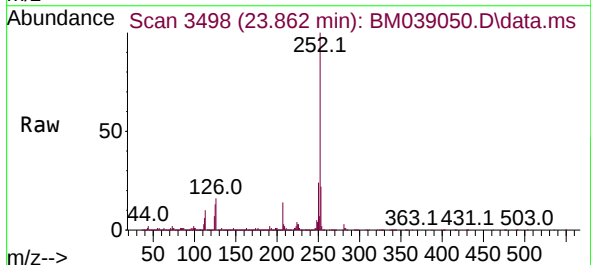
Instrument :
BNA_M
ClientSampleId :
COMP-1MSD

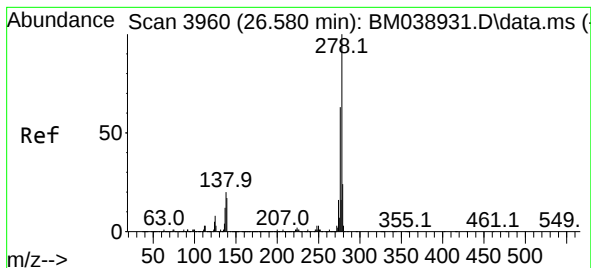
Tgt Ion:252 Resp: 3244966
Ion Ratio Lower Upper
252 100
253 22.0 17.5 26.3
125 11.1 8.9 13.3



#90
Benzo(a)pyrene
Concen: 42.955 ng
RT: 23.862 min Scan# 3498
Delta R.T. -0.012 min
Lab File: BM039050.D
Acq: 20 Mar 2023 18:39

Tgt Ion:252 Resp: 3063685
Ion Ratio Lower Upper
252 100
253 21.9 17.6 26.4
125 13.0 9.8 14.8





#91

Dibenzo(a,h)anthracene

Concen: 50.006 ng

RT: 26.532 min Scan# 39

Delta R.T. -0.006 min

Lab File: BM039050.D

Acq: 20 Mar 2023 18:39

Instrument :

BNA_M

ClientSampleId :

COMP-1MSD

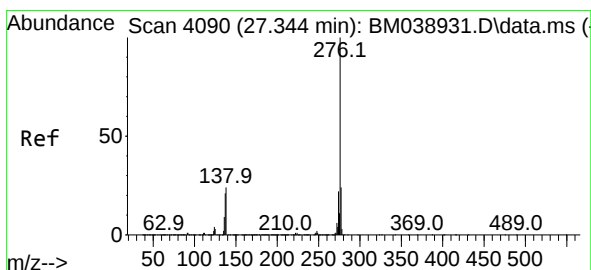
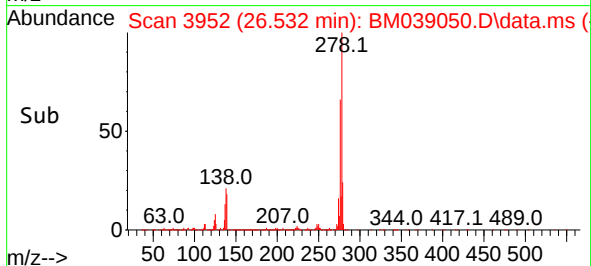
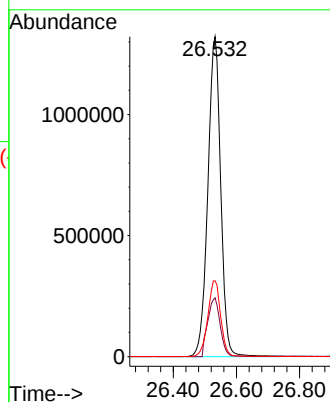
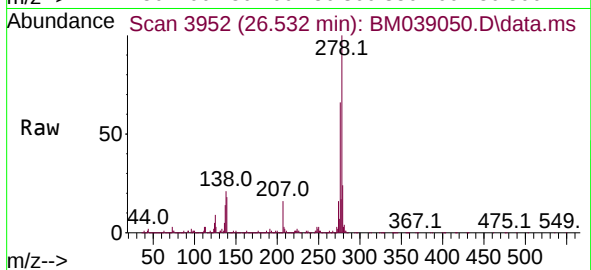
Tgt Ion:278 Resp: 3738062

Ion Ratio Lower Upper

278 100

139 18.4 13.7 20.5

279 23.7 18.9 28.3



#92

Benzo(g,h,i)perylene

Concen: 50.006 ng

RT: 27.291 min Scan# 4081

Delta R.T. -0.012 min

Lab File: BM039050.D

Acq: 20 Mar 2023 18:39

Tgt Ion:276 Resp: 3657123

Ion Ratio Lower Upper

276 100

277 23.7 19.3 28.9

138 25.2 19.0 28.6

