

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032123\
 Data File : BM039067.D
 Acq On : 21 Mar 2023 13:48
 Operator : CG/JU
 Sample : PB151485BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB151485BS

Quant Time: Mar 22 03:39:18 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM030823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 22 03:36:20 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.969	152	450869	20.000	ng	0.00
21) Naphthalene-d8	10.781	136	1750320	20.000	ng	0.00
39) Acenaphthene-d10	14.610	164	852909	20.000	ng	0.00
64) Phenanthrene-d10	17.351	188	1474764	20.000	ng	0.00
76) Chrysene-d12	21.533	240	1136583	20.000	ng	0.00
86) Perylene-d12	23.962	264	1334132	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	3330702	112.234	ng	0.00
7) Phenol-d6	7.134	99	4015088	104.162	ng	0.00
23) Nitrobenzene-d5	9.140	82	2492774	69.957	ng	0.00
42) 2,4,6-Tribromophenol	16.098	330	956968	96.989	ng	0.00
45) 2-Fluorobiphenyl	13.239	172	4643681	70.877	ng	0.00
79) Terphenyl-d14	19.968	244	4474336	71.975	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.393	88	476989	36.129	ng	99
3) Pyridine	3.799	79	1232017	33.648	ng	99
4) n-Nitrosodimethylamine	3.705	42	604419	40.566	ng	97
6) Aniline	7.293	93	1941710	38.365	ng	99
8) 2-Chlorophenol	7.534	128	1512826	47.883	ng	98
9) Benzaldehyde	7.104	77	660594	36.014	ng	97
10) Phenol	7.163	94	1899831	46.412	ng	97
11) bis(2-Chloroethyl)ether	7.393	93	1534491	46.107	ng	99
12) 1,3-Dichlorobenzene	7.857	146	1599326	47.633	ng	98
13) 1,4-Dichlorobenzene	8.004	146	1635282	47.889	ng	100
14) 1,2-Dichlorobenzene	8.322	146	1574413	47.865	ng	99
15) Benzyl Alcohol	8.216	79	1261493	45.659	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.498	45	1967970	46.821	ng	99
17) 2-Methylphenol	8.416	107	1197747	42.595	ng	99
18) Hexachloroethane	9.057	117	625365	49.636	ng	96
19) n-Nitroso-di-n-propyla...	8.787	70	1096241	45.152	ng	99
20) 3+4-Methylphenols	8.745	107	1576071	41.977	ng	98
22) Acetophenone	8.798	105	2173619	44.262	ng	99
24) Nitrobenzene	9.181	77	1653715	44.155	ng	100
25) Isophorone	9.710	82	2849516	43.456	ng	100
26) 2-Nitrophenol	9.892	139	765374	46.389	ng	96
27) 2,4-Dimethylphenol	9.957	122	1296555	45.380	ng	98
28) bis(2-Chloroethoxy)met...	10.192	93	1843012	43.744	ng	99
29) 2,4-Dichlorophenol	10.428	162	1215808	44.884	ng	100
30) 1,2,4-Trichlorobenzene	10.645	180	1370248	46.291	ng	99
31) Naphthalene	10.834	128	4336758	43.452	ng	100
32) Benzoic acid	10.098	122	879064	42.659	ng	99
33) 4-Chloroaniline	10.945	127	735085	17.282	ng	99
34) Hexachlorobutadiene	11.116	225	791292	46.616	ng	99
35) Caprolactam	11.734	113	328650	39.864	ng	98
36) 4-Chloro-3-methylphenol	12.063	107	1177721	40.830	ng	99
37) 2-Methylnaphthalene	12.439	142	2769522	41.401	ng	99
38) 1-Methylnaphthalene	12.657	142	2552458	40.716	ng	100
40) 1,2,4,5-Tetrachloroben...	12.810	216	1321439	47.658	ng	98
41) Hexachlorocyclopentadiene	12.786	237	1981832	130.213	ng	99
43) 2,4,6-Trichlorophenol	13.045	196	844169	47.015	ng	98

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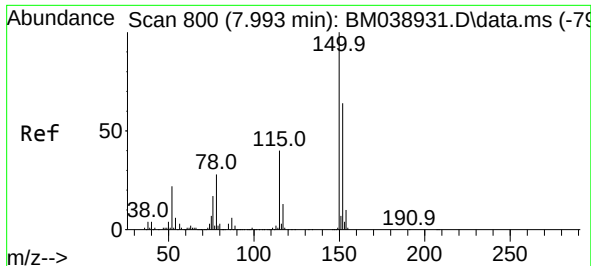
Quant Time: Mar 22 03:39:18 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.116	196	885900	42.153	ng	97
46) 1,1'-Biphenyl	13.445	154	3340641	46.233	ng	99
47) 2-Chloronaphthalene	13.486	162	2587498	47.489	ng	99
48) 2-Nitroaniline	13.692	65	727342	41.985	ng	95
49) Acenaphthylene	14.333	152	3874612	44.644	ng	99
50) Dimethylphthalate	14.069	163	2738547	41.727	ng	100
51) 2,6-Dinitrotoluene	14.186	165	593957	41.139	ng	99
52) Acenaphthene	14.675	154	2308373	43.279	ng	99
53) 3-Nitroaniline	14.516	138	429903	26.087	ng	97
54) 2,4-Dinitrophenol	14.722	184	706890	84.426	ng	91
55) Dibenzofuran	15.010	168	3499572	41.929	ng	99
56) 4-Nitrophenol	14.822	139	1091667	83.752	ng	99
57) 2,4-Dinitrotoluene	14.969	165	777672	41.027	ng	99
58) Fluorene	15.657	166	2728307	41.730	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.233	232	704567	43.469	ng	98
60) Diethylphthalate	15.427	149	2636605	41.288	ng	99
61) 4-Chlorophenyl-phenyle...	15.651	204	1340442	41.733	ng	99
62) 4-Nitroaniline	15.680	138	620517	36.369	ng	96
63) Azobenzene	15.939	77	2851789	42.205	ng	99
65) 4,6-Dinitro-2-methylph...	15.733	198	403419	42.301	ng	95
66) n-Nitrosodiphenylamine	15.863	169	2242855	45.112	ng	99
67) 4-Bromophenyl-phenylether	16.545	248	736529	46.238	ng	99
68) Hexachlorobenzene	16.657	284	843769	47.384	ng	99
69) Atrazine	16.816	200	684522	50.406	ng	98
70) Pentachlorophenol	17.004	266	1054029	80.478	ng	99
71) Phenanthrene	17.398	178	3750579	43.332	ng	100
72) Anthracene	17.486	178	3809866	44.138	ng	100
73) Carbazole	17.757	167	3388312	43.011	ng	99
74) Di-n-butylphthalate	18.321	149	4057100	42.441	ng	100
75) Fluoranthene	19.410	202	3711432	40.612	ng	99
77) Benzidine	19.592	184	2134519	78.896	ng	99
78) Pyrene	19.768	202	3959552	46.383	ng	100
80) Butylbenzylphthalate	20.662	149	1686648	46.572	ng	97
81) Benzo(a)anthracene	21.515	228	3663363	44.757	ng	99
82) 3,3'-Dichlorobenzidine	21.451	252	1084357	43.106	ng	99
83) Chrysene	21.568	228	3473551	43.634	ng	100
84) Bis(2-ethylhexyl)phtha...	21.439	149	2500569	47.664	ng	100
85) Di-n-octyl phthalate	22.374	149	4364585	49.946	ng	99
87) Indeno(1,2,3-cd)pyrene	26.497	276	4864528	47.918	ng	99
88) Benzo(b)fluoranthene	23.221	252	3854432	45.222	ng	99
89) Benzo(k)fluoranthene	23.268	252	3820148	43.067	ng	99
90) Benzo(a)pyrene	23.856	252	3464460	42.234	ng	100
91) Dibenzo(a,h)anthracene	26.515	278	4086302	47.530	ng	98
92) Benzo(g,h,i)perylene	27.280	276	4029603	47.907	ng	98

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

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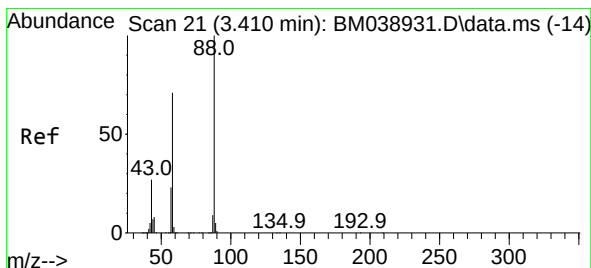
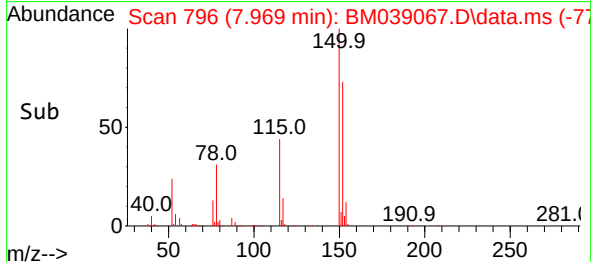
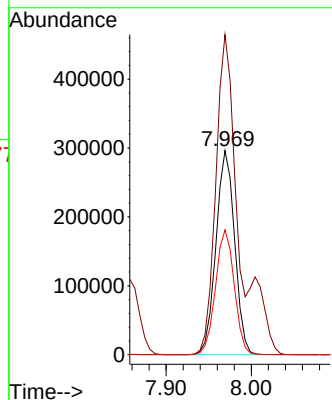
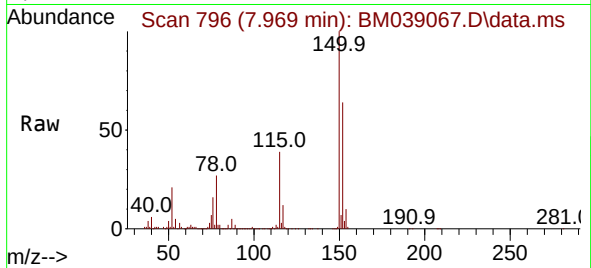




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.969 min Scan# 79
 Delta R.T. 0.000 min
 Lab File: BM039067.D
 Acq: 21 Mar 2023 13:48

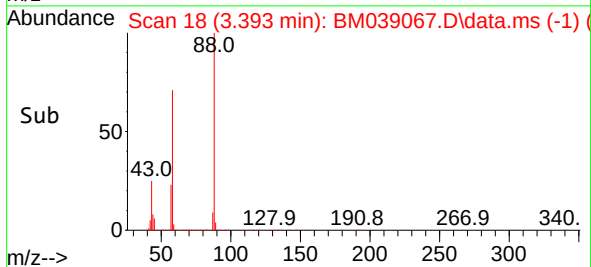
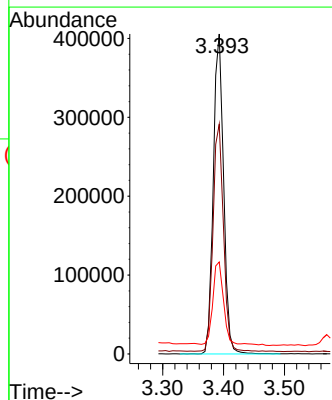
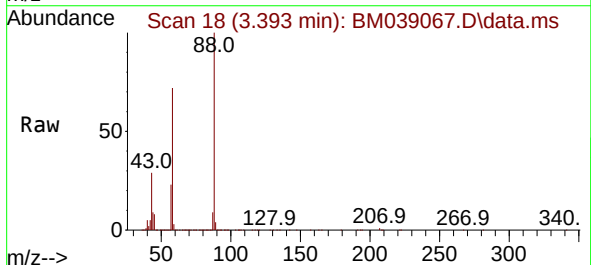
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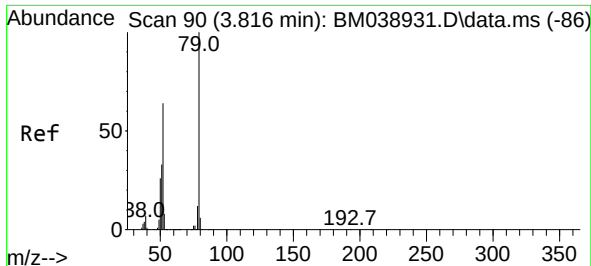
Tgt Ion:152 Resp: 450869
 Ion Ratio Lower Upper
 152 100
 150 156.8 125.1 187.7
 115 61.1 49.6 74.4



#2
 1,4-Dioxane
 Concen: 36.129 ng
 RT: 3.393 min Scan# 18
 Delta R.T. 0.000 min
 Lab File: BM039067.D
 Acq: 21 Mar 2023 13:48

Tgt Ion: 88 Resp: 476989
 Ion Ratio Lower Upper
 88 100
 58 72.1 57.2 85.8
 43 26.2 22.0 33.0

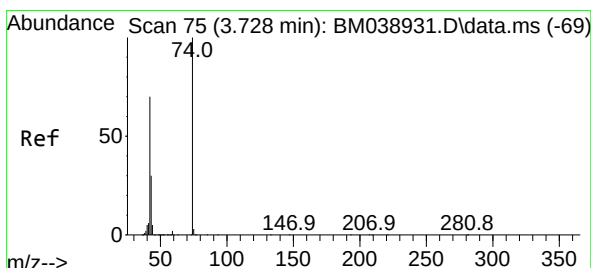
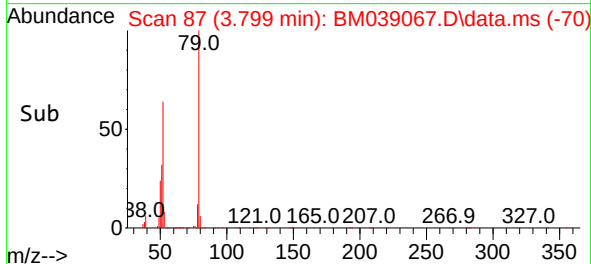
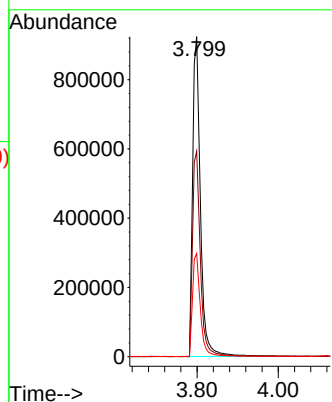
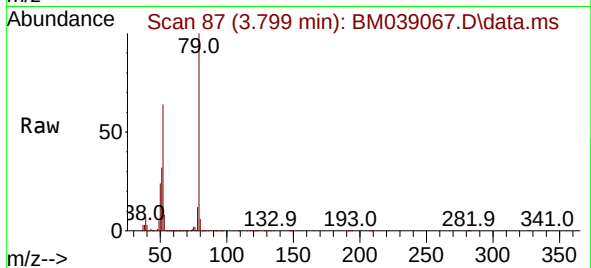




#3
Pyridine
Concen: 33.648 ng
RT: 3.799 min Scan# 81
Delta R.T. 0.000 min
Lab File: BM039067.D
Acq: 21 Mar 2023 13:48

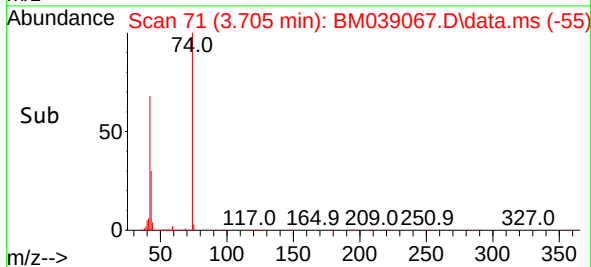
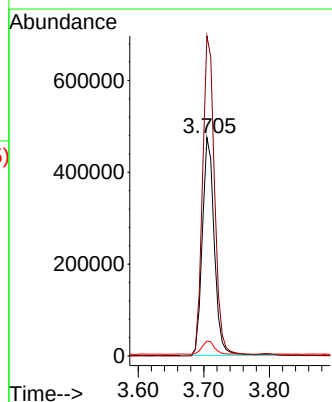
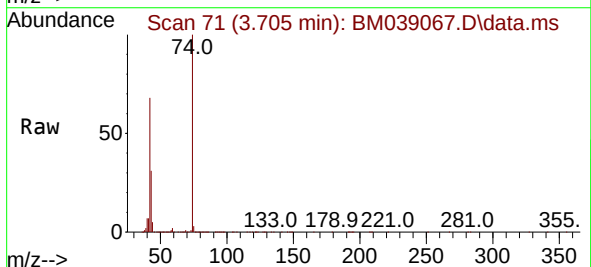
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BNA_M
ClientSampleId :
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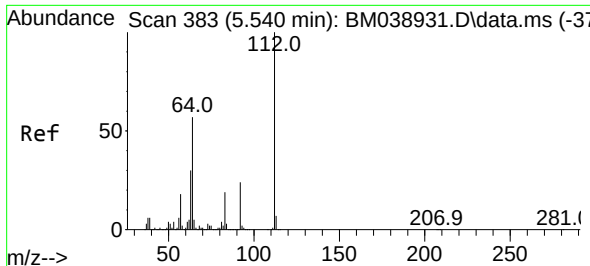
Tgt Ion: 79 Resp: 1232017
Ion Ratio Lower Upper
79 100
52 64.2 51.4 77.2
51 32.3 26.6 40.0



#4
n-Nitrosodimethylamine
Concen: 40.566 ng
RT: 3.705 min Scan# 71
Delta R.T. -0.006 min
Lab File: BM039067.D
Acq: 21 Mar 2023 13:48

Tgt Ion: 42 Resp: 604419
Ion Ratio Lower Upper
42 100
74 146.5 113.8 170.8
44 6.8 6.2 9.2

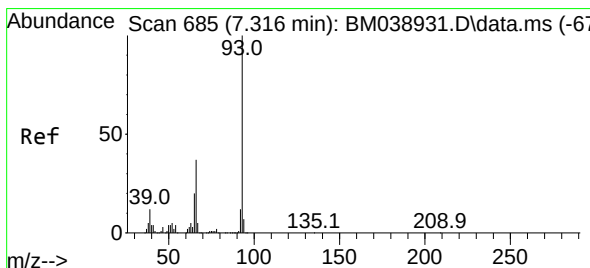
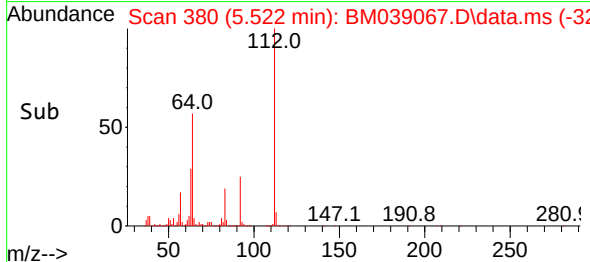
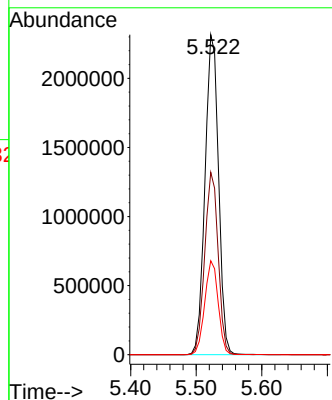
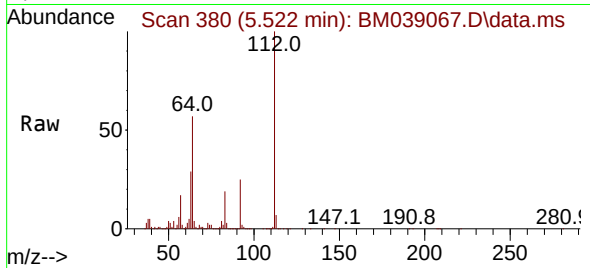




#5
2-Fluorophenol
Concen: 112.234 ng
RT: 5.522 min Scan# 380
Delta R.T. 0.000 min
Lab File: BM039067.D
Acq: 21 Mar 2023 13:48

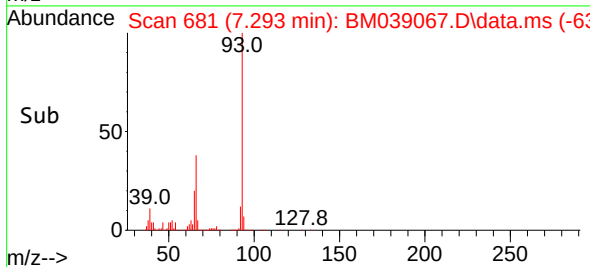
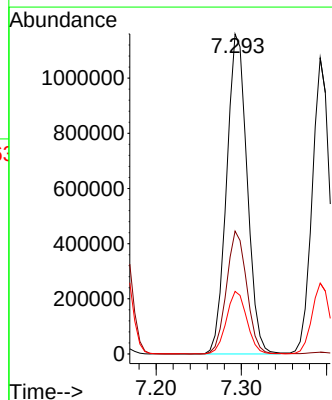
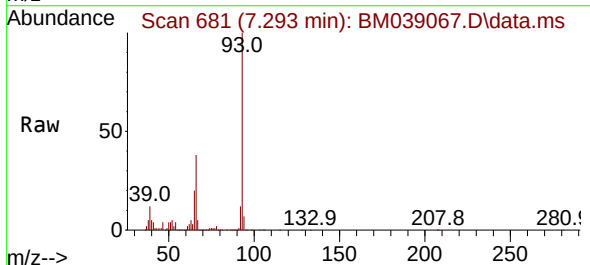
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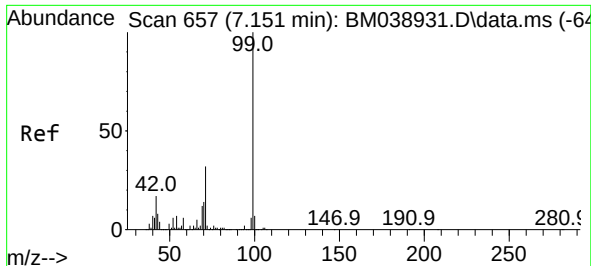
Tgt Ion:112 Resp: 3330702
Ion Ratio Lower Upper
112 100
64 57.0 45.9 68.9
63 29.4 23.8 35.8



#6
Aniline
Concen: 38.365 ng
RT: 7.293 min Scan# 681
Delta R.T. 0.000 min
Lab File: BM039067.D
Acq: 21 Mar 2023 13:48

Tgt Ion: 93 Resp: 1941710
Ion Ratio Lower Upper
93 100
66 38.4 30.0 45.0
65 19.5 15.8 23.6



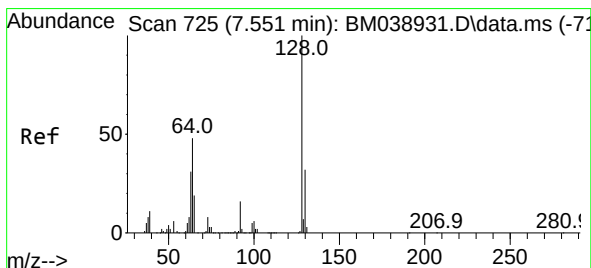
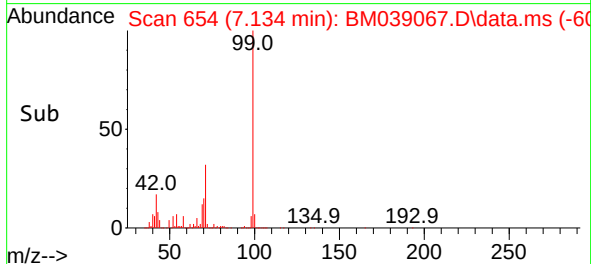
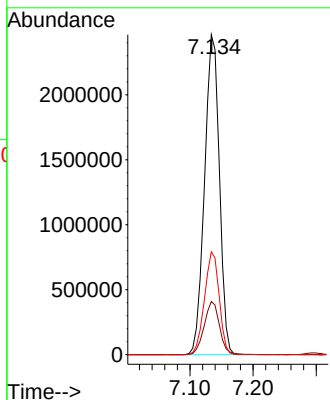
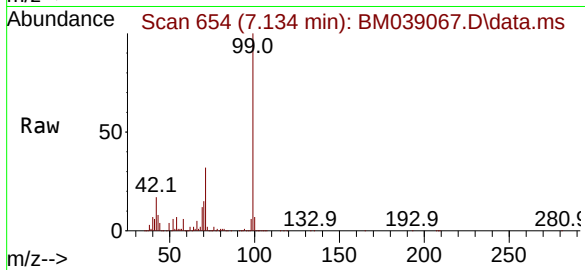


#7
Phenol-d6
Concen: 104.162 ng
RT: 7.134 min Scan# 61
Delta R.T. 0.006 min
Lab File: BM039067.D
Acq: 21 Mar 2023 13:48

Instrument :
BNA_M
ClientSampleId :
PB151485BS

Tgt Ion: 99 Resp: 4015088

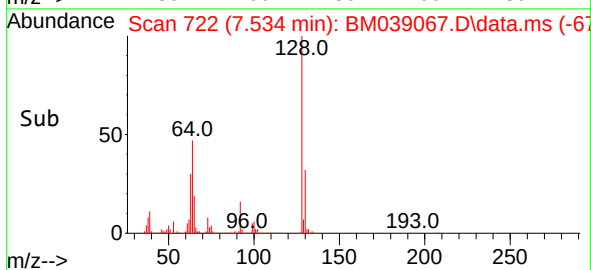
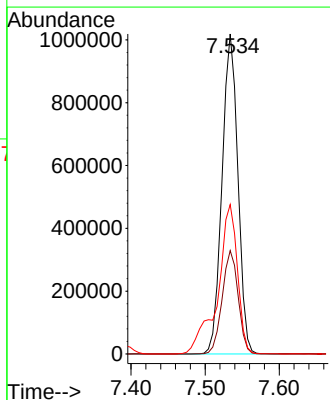
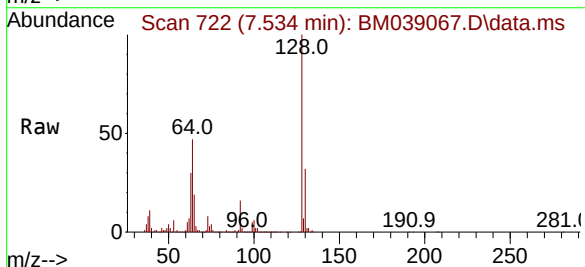
Ion	Ratio	Lower	Upper
99	100		
42	16.6	13.5	20.3
71	32.1	25.6	38.4

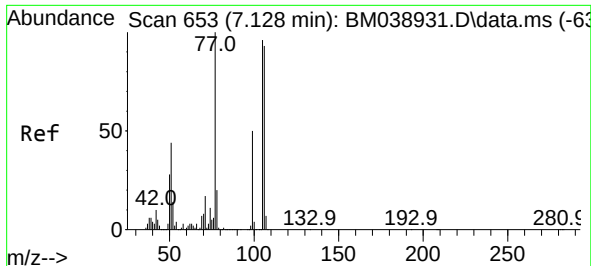


#8
2-Chlorophenol
Concen: 47.883 ng
RT: 7.534 min Scan# 722
Delta R.T. 0.006 min
Lab File: BM039067.D
Acq: 21 Mar 2023 13:48

Tgt Ion: 128 Resp: 1512826

Ion	Ratio	Lower	Upper
128	100		
130	32.3	11.9	51.9
64	46.7	28.6	68.6

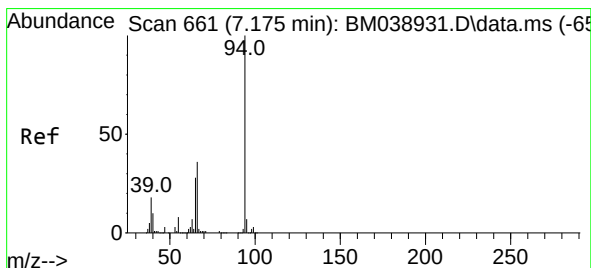
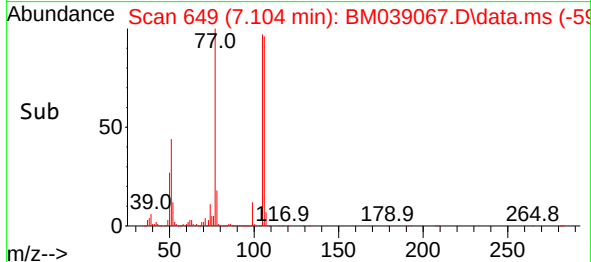
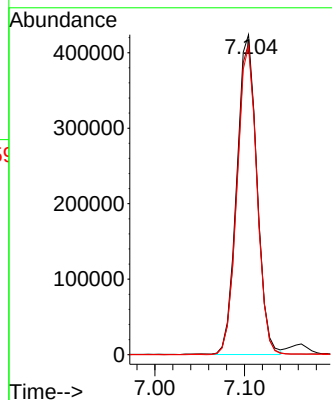
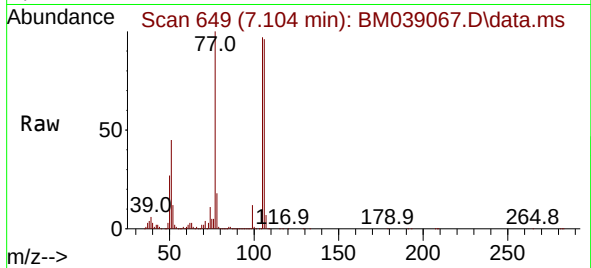




#9
Benzaldehyde
Concen: 36.014 ng
RT: 7.104 min Scan# 649
Delta R.T. 0.000 min
Lab File: BM039067.D
Acq: 21 Mar 2023 13:48

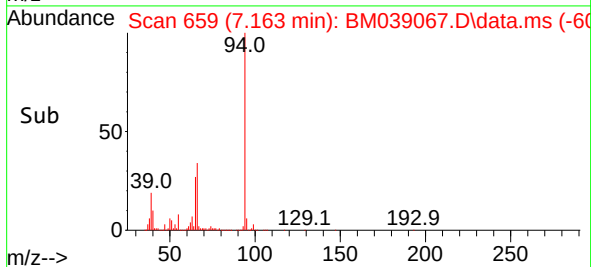
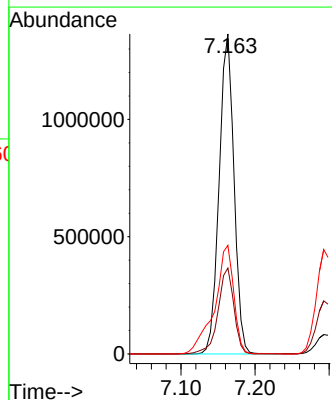
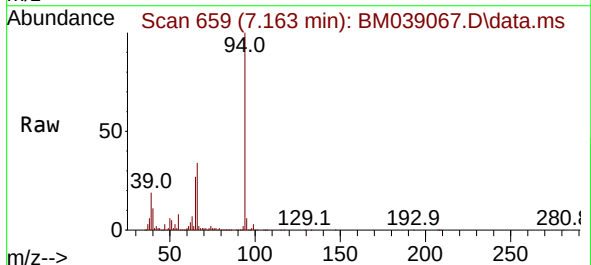
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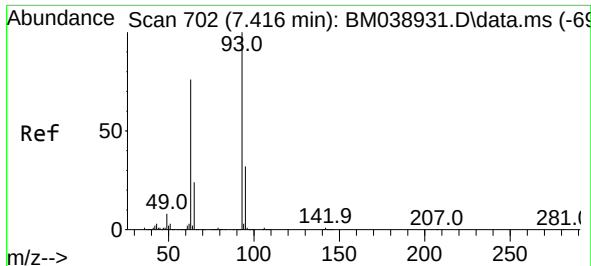
Tgt Ion: 77 Resp: 660594
Ion Ratio Lower Upper
77 100
105 97.3 75.8 115.8
106 96.4 72.6 112.6



#10
Phenol
Concen: 46.412 ng
RT: 7.163 min Scan# 659
Delta R.T. 0.006 min
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Tgt Ion: 94 Resp: 1899831
Ion Ratio Lower Upper
94 100
65 26.8 7.9 47.9
66 34.0 15.8 55.8

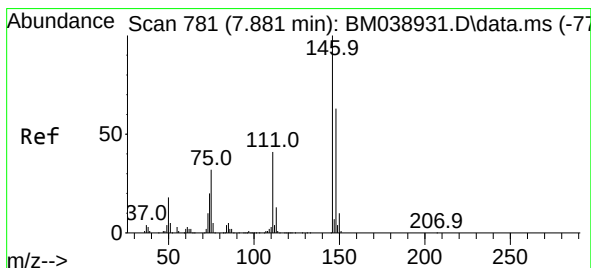
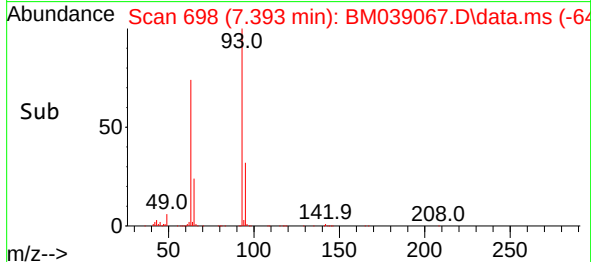
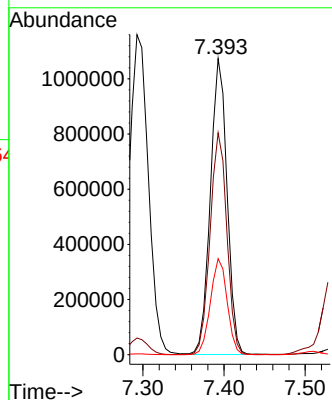
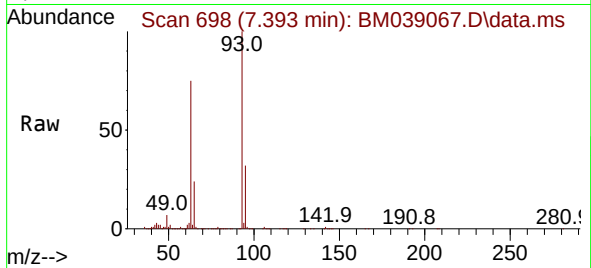




#11
bis(2-Chloroethyl)ether
Concen: 46.107 ng
RT: 7.393 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM039067.D
Acq: 21 Mar 2023 13:48

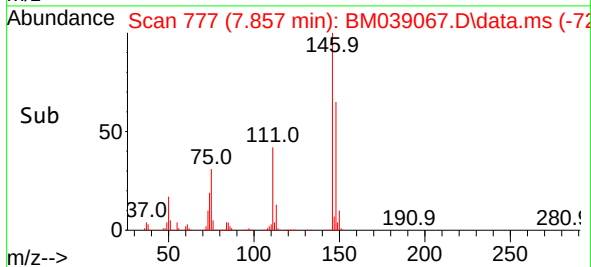
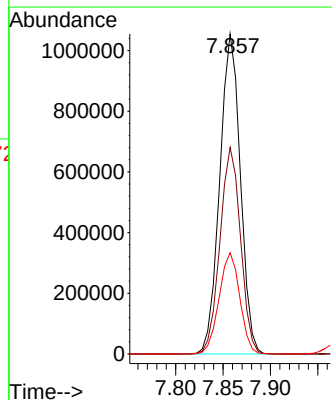
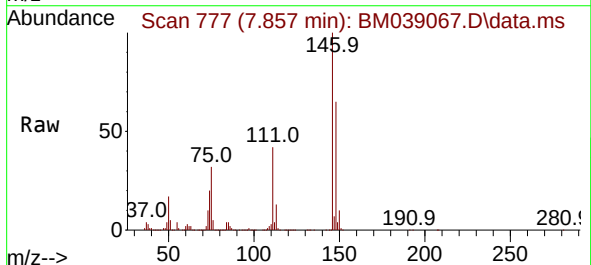
Instrument :
BNA_M
ClientSampleId :
PB151485BS

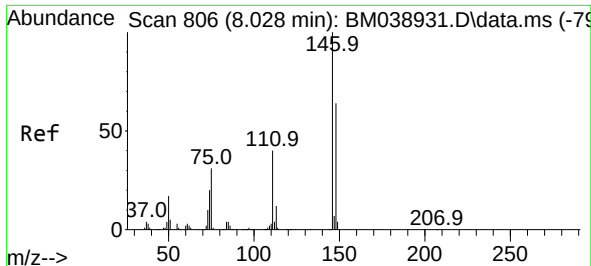
Tgt Ion: 93 Resp: 1534491
Ion Ratio Lower Upper
93 100
63 74.9 55.8 95.8
95 32.4 12.2 52.2



#12
1,3-Dichlorobenzene
Concen: 47.633 ng
RT: 7.857 min Scan# 777
Delta R.T. 0.000 min
Lab File: BM039067.D
Acq: 21 Mar 2023 13:48

Tgt Ion:146 Resp: 1599326
Ion Ratio Lower Upper
146 100
148 64.6 50.6 75.8
75 31.7 26.0 39.0

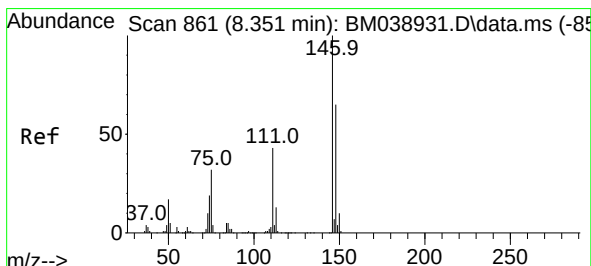
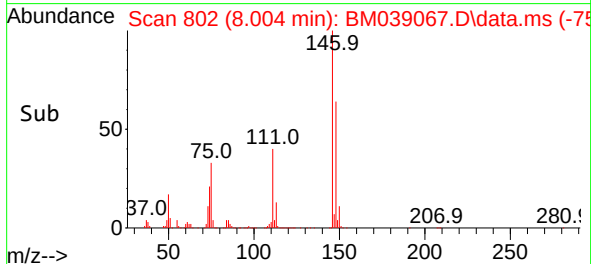
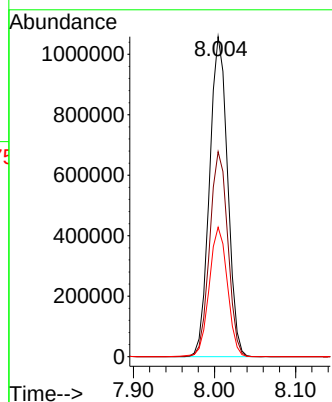
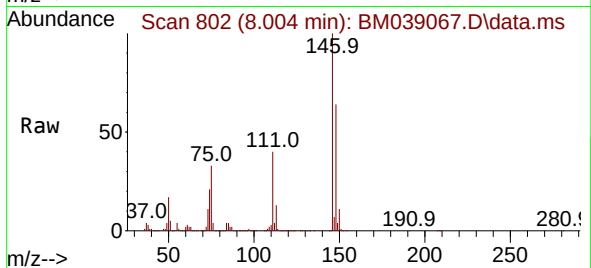




#13
1,4-Dichlorobenzene
Concen: 47.889 ng
RT: 8.004 min Scan# 80
Delta R.T. 0.000 min
Lab File: BM039067.D
Acq: 21 Mar 2023 13:48

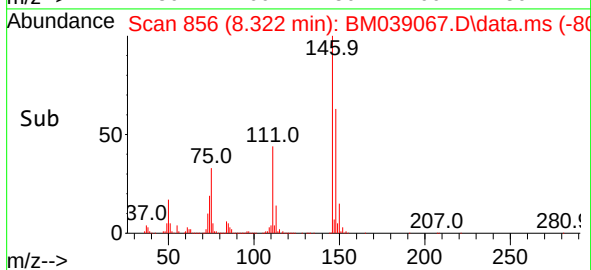
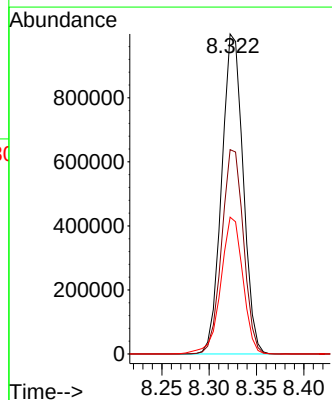
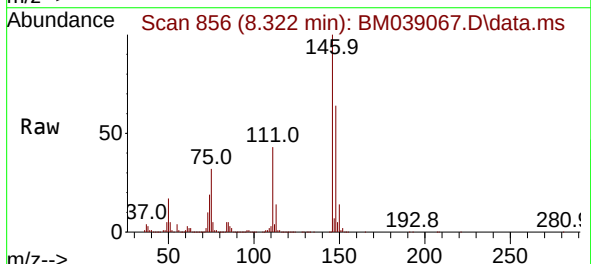
Instrument :
BNA_M
ClientSampleId :
PB151485BS

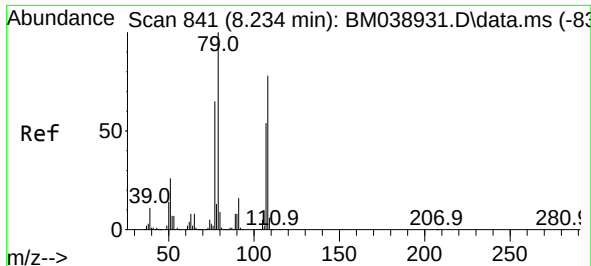
Tgt Ion:146 Resp: 1635282
Ion Ratio Lower Upper
146 100
148 64.1 51.0 76.4
111 40.5 32.2 48.4



#14
1,2-Dichlorobenzene
Concen: 47.865 ng
RT: 8.322 min Scan# 856
Delta R.T. 0.000 min
Lab File: BM039067.D
Acq: 21 Mar 2023 13:48

Tgt Ion:146 Resp: 1574413
Ion Ratio Lower Upper
146 100
148 63.8 51.7 77.5
111 42.8 34.2 51.4

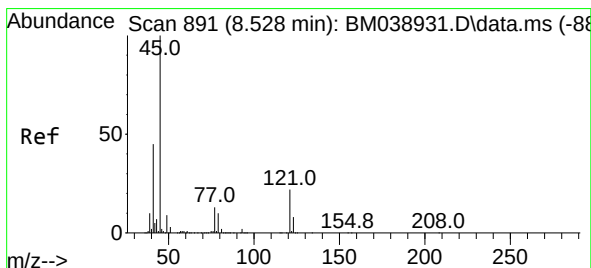
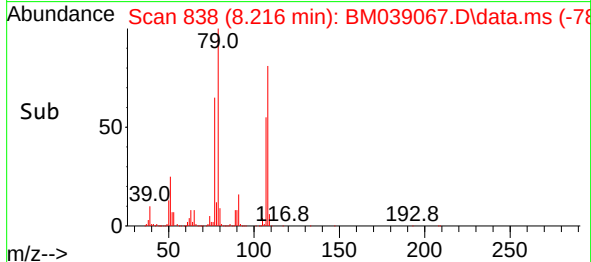
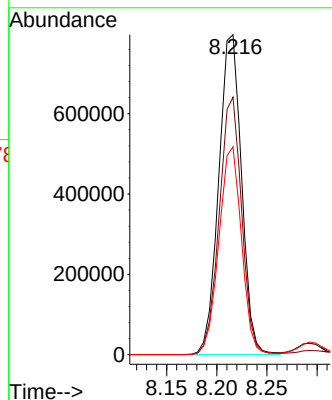
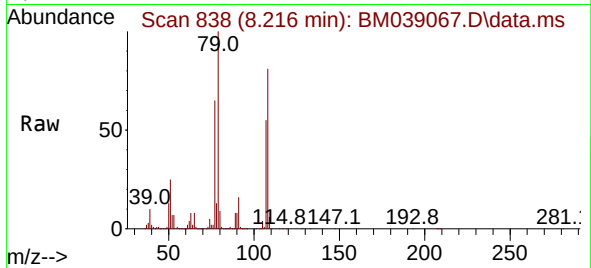




#15
Benzyl Alcohol
Concen: 45.659 ng
RT: 8.216 min Scan# 81
Delta R.T. 0.006 min
Lab File: BM039067.D
Acq: 21 Mar 2023 13:48

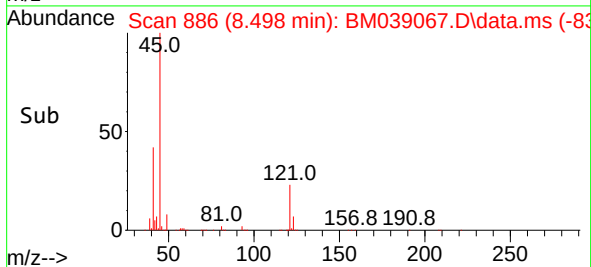
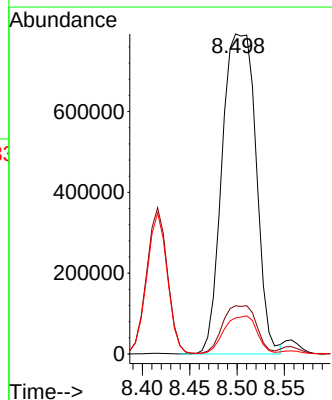
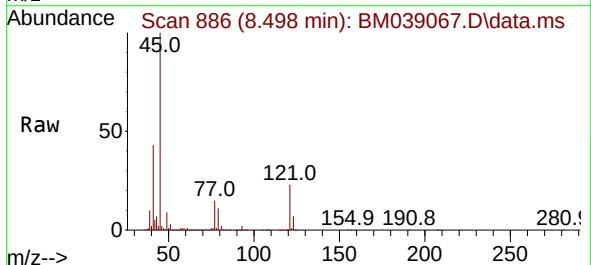
Instrument :
BNA_M
ClientSampleId :
PB151485BS

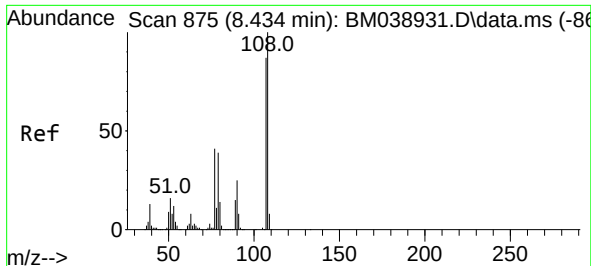
Tgt Ion: 79 Resp: 1261493
Ion Ratio Lower Upper
79 100
108 80.5 62.4 93.6
77 65.0 52.2 78.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.821 ng
RT: 8.498 min Scan# 886
Delta R.T. 0.000 min
Lab File: BM039067.D
Acq: 21 Mar 2023 13:48

Tgt Ion: 45 Resp: 1967970
Ion Ratio Lower Upper
45 100
77 15.1 0.0 34.8
79 11.3 0.0 31.5



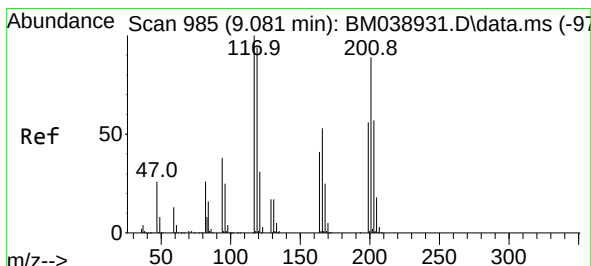
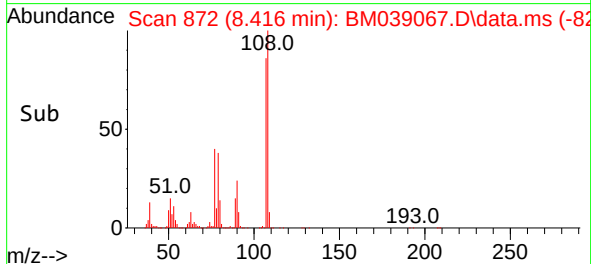
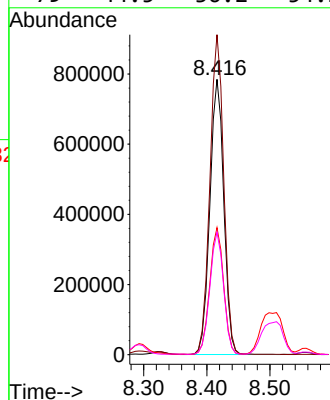
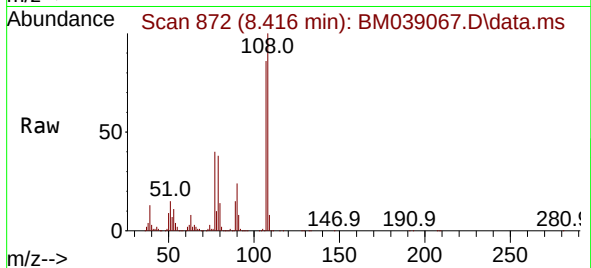


#17
2-Methylphenol
Concen: 42.595 ng
RT: 8.416 min Scan# 81
Delta R.T. 0.006 min
Lab File: BM039067.D
Acq: 21 Mar 2023 13:48

Instrument :
BNA_M
ClientSampleId :
PB151485BS

Tgt Ion:107 Resp: 1197747

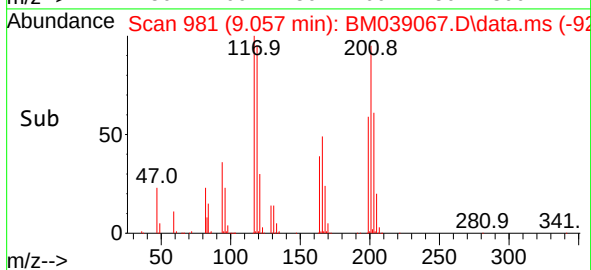
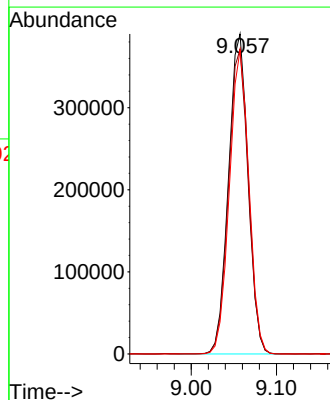
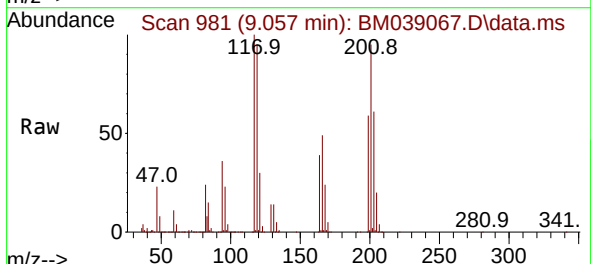
Ion	Ratio	Lower	Upper
107	100		
108	116.2	91.7	137.5
77	46.1	37.4	56.2
79	44.5	36.2	54.2

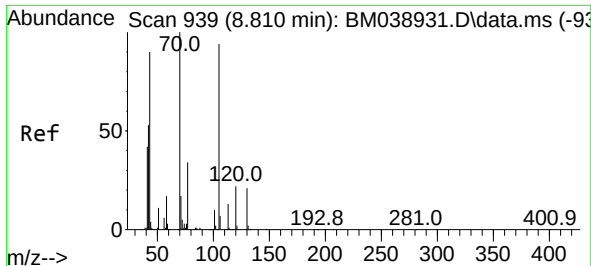


#18
Hexachloroethane
Concen: 49.636 ng
RT: 9.057 min Scan# 981
Delta R.T. 0.006 min
Lab File: BM039067.D
Acq: 21 Mar 2023 13:48

Tgt Ion:117 Resp: 625365

Ion	Ratio	Lower	Upper
117	100		
119	95.2	75.4	113.0
201	95.0	71.3	106.9

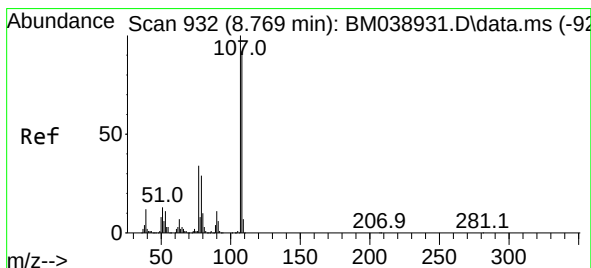
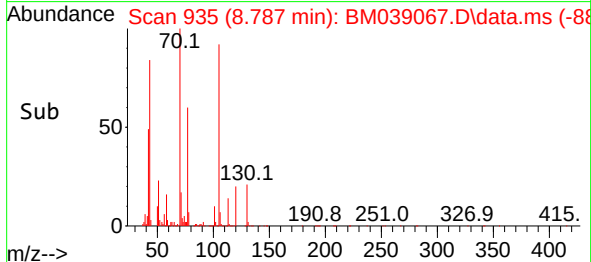
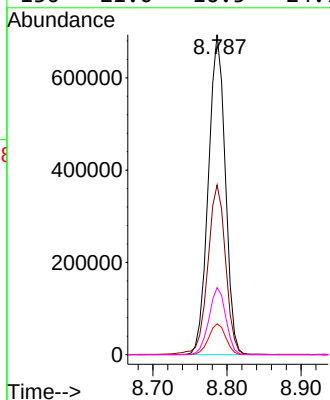
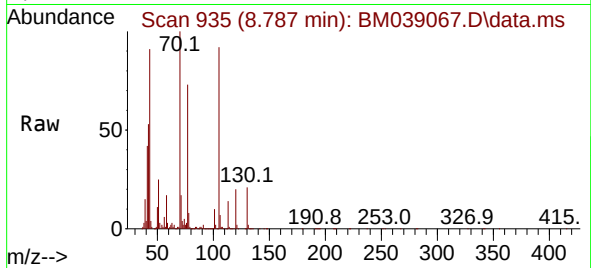




#19
n-Nitroso-di-n-propylamine
Concen: 45.152 ng
RT: 8.787 min Scan# 91
Delta R.T. 0.000 min
Lab File: BM039067.D
Acq: 21 Mar 2023 13:48

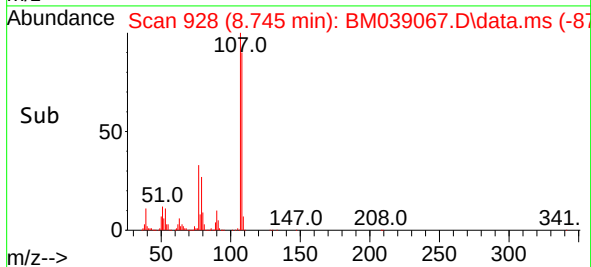
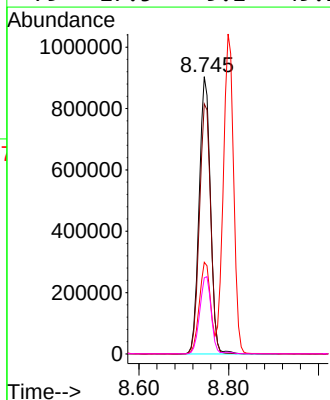
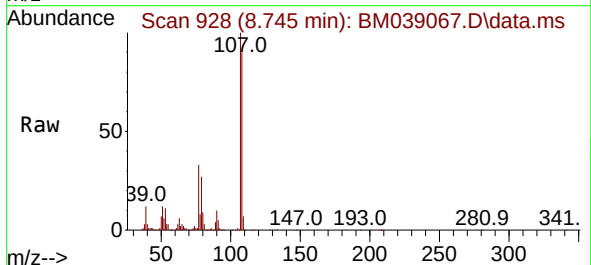
Instrument :
BNA_M
ClientSampleId :
PB151485BS

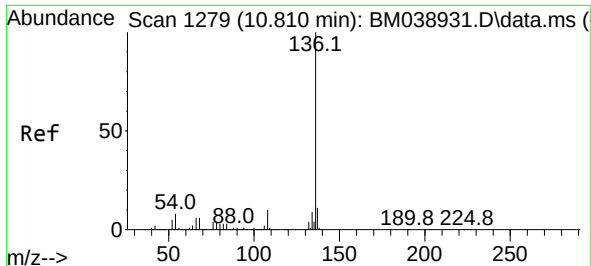
Tgt Ion: 70 Resp: 1096241
Ion Ratio Lower Upper
70 100
42 53.1 43.4 65.2
101 9.6 7.6 11.4
130 21.0 16.5 24.7



#20
3+4-Methylphenols
Concen: 41.977 ng
RT: 8.745 min Scan# 928
Delta R.T. 0.000 min
Lab File: BM039067.D
Acq: 21 Mar 2023 13:48

Tgt Ion: 107 Resp: 1576071
Ion Ratio Lower Upper
107 100
108 90.2 71.8 111.8
77 33.1 13.6 53.6
79 27.5 9.2 49.2

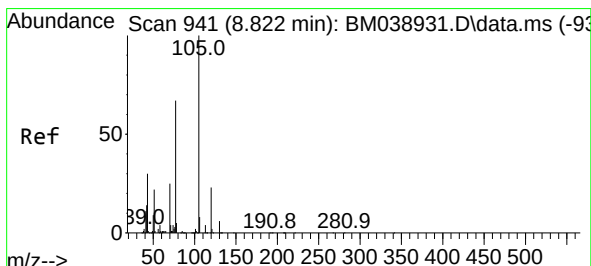
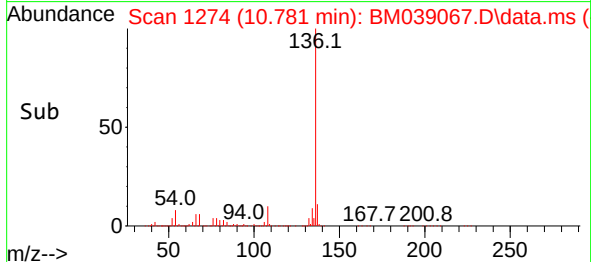
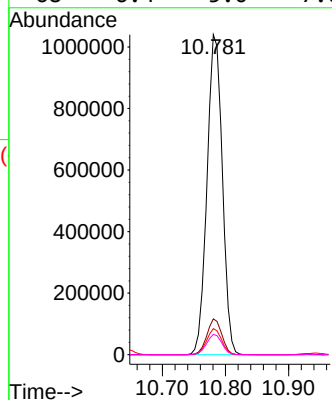
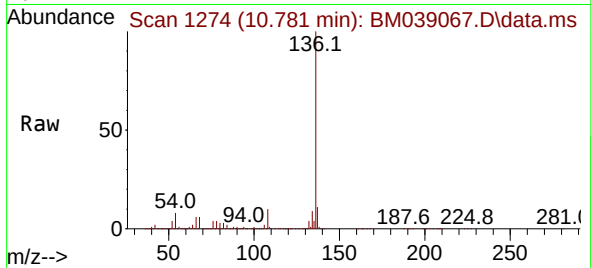




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.781 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM039067.D
Acq: 21 Mar 2023 13:48

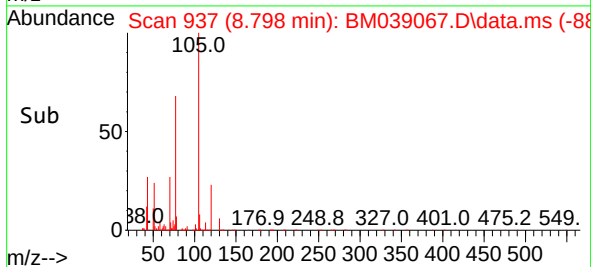
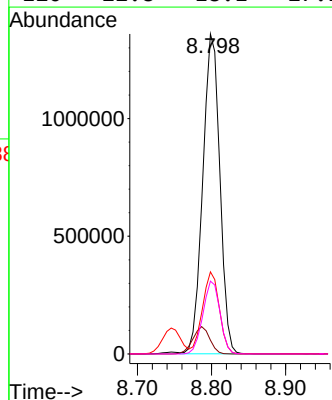
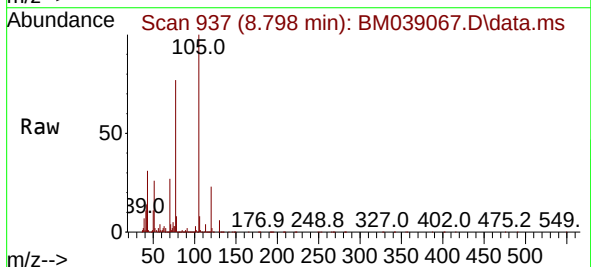
Instrument :
BNA_M
ClientSampleId :
PB151485BS

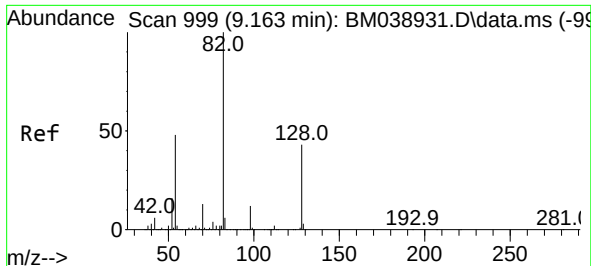
Tgt Ion:136 Resp: 1750320
Ion Ratio Lower Upper
136 100
137 11.2 8.7 13.1
54 8.1 6.3 9.5
68 6.4 5.0 7.6



#22
Acetophenone
Concen: 44.262 ng
RT: 8.798 min Scan# 937
Delta R.T. 0.000 min
Lab File: BM039067.D
Acq: 21 Mar 2023 13:48

Tgt Ion:105 Resp: 2173619
Ion Ratio Lower Upper
105 100
71 4.3 3.4 5.0
51 25.6 21.0 31.4
120 22.8 18.1 27.1

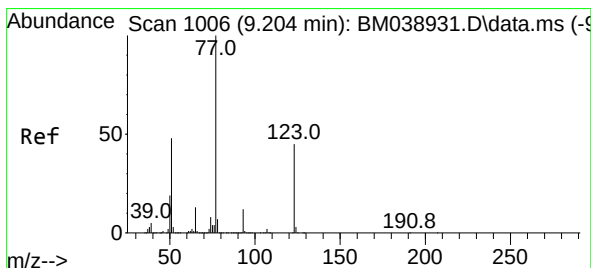
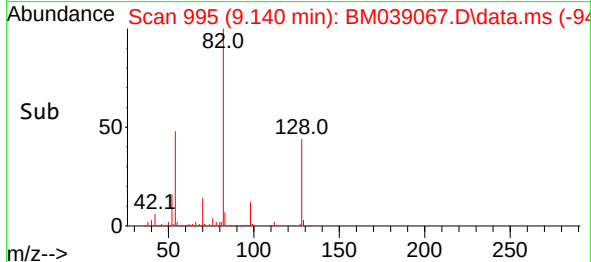
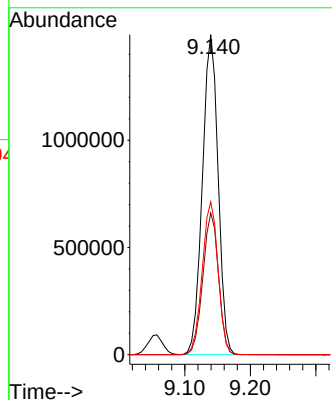
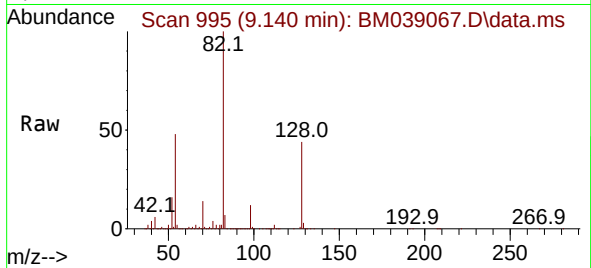




#23
Nitrobenzene-d5
Concen: 69.957 ng
RT: 9.140 min Scan# 91
Delta R.T. 0.000 min
Lab File: BM039067.D
Acq: 21 Mar 2023 13:48

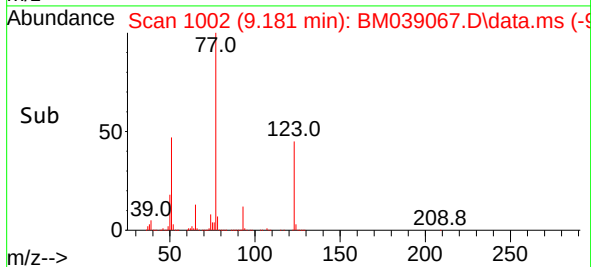
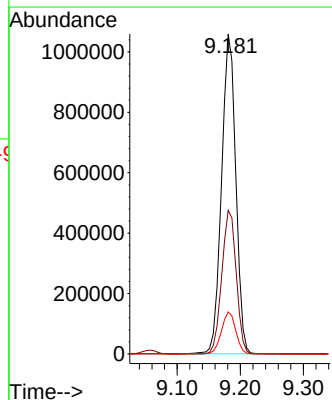
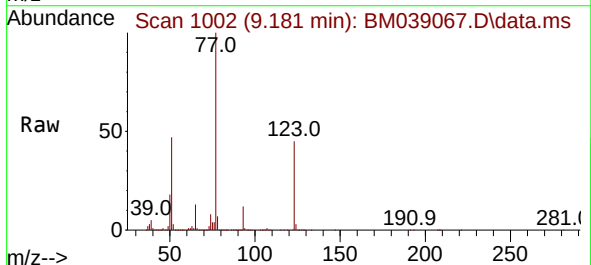
Instrument :
BNA_M
ClientSampleId :
PB151485BS

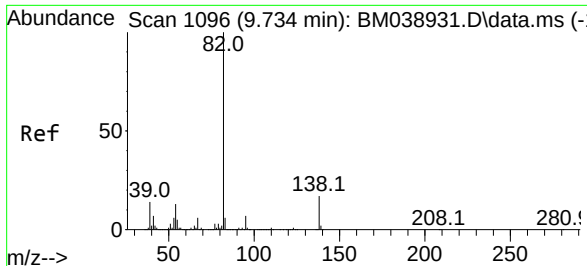
Tgt Ion: 82 Resp: 2492774
Ion Ratio Lower Upper
82 100
128 44.2 34.4 51.6
54 47.7 38.8 58.2



#24
Nitrobenzene
Concen: 44.155 ng
RT: 9.181 min Scan# 1002
Delta R.T. 0.000 min
Lab File: BM039067.D
Acq: 21 Mar 2023 13:48

Tgt Ion: 77 Resp: 1653715
Ion Ratio Lower Upper
77 100
123 44.9 35.8 53.6
65 13.2 10.2 15.4





#25

Isophorone

Concen: 43.456 ng

RT: 9.710 min Scan# 1092

Delta R.T. 0.000 min

Lab File: BM039067.D

Acq: 21 Mar 2023 13:48

Instrument :

BNA_M

ClientSampleId :

PB151485BS

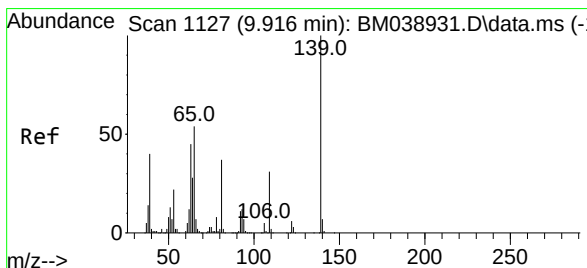
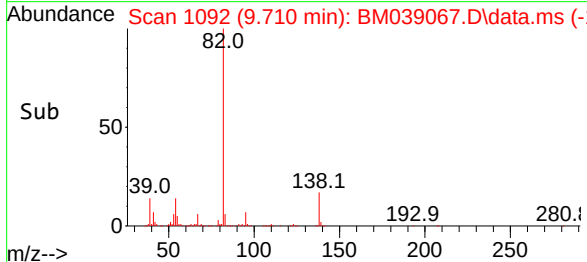
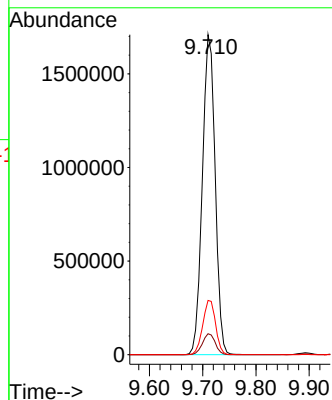
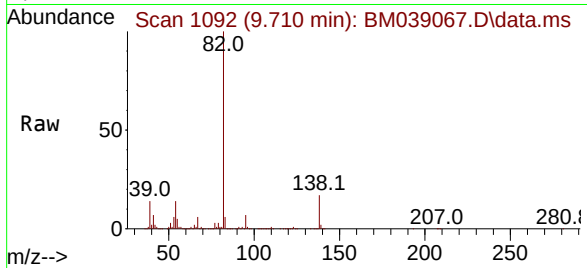
Tgt Ion: 82 Resp: 2849516

Ion Ratio Lower Upper

82 100

95 6.6 5.2 7.8

138 16.9 13.6 20.4



#26

2-Nitrophenol

Concen: 46.389 ng

RT: 9.892 min Scan# 1123

Delta R.T. 0.000 min

Lab File: BM039067.D

Acq: 21 Mar 2023 13:48

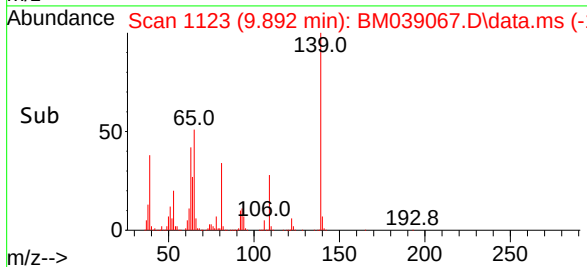
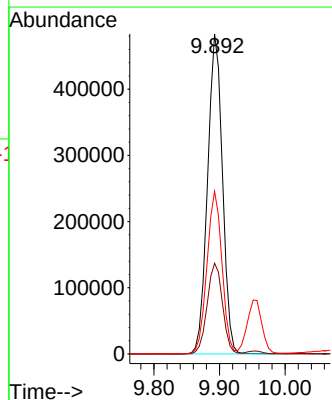
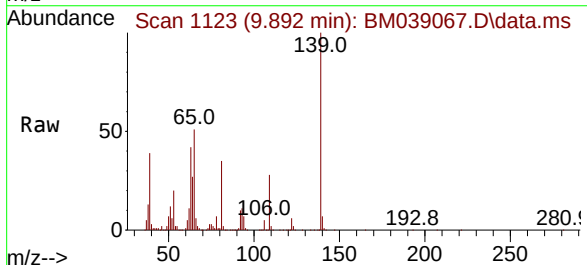
Tgt Ion:139 Resp: 765374

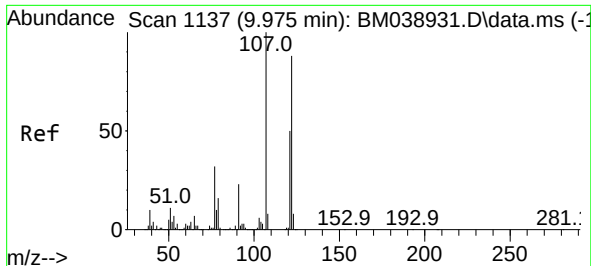
Ion Ratio Lower Upper

139 100

109 28.4 24.5 36.7

65 50.9 43.0 64.6

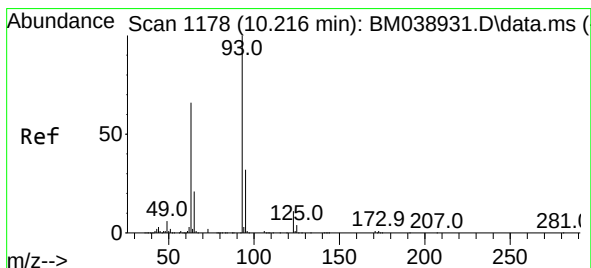
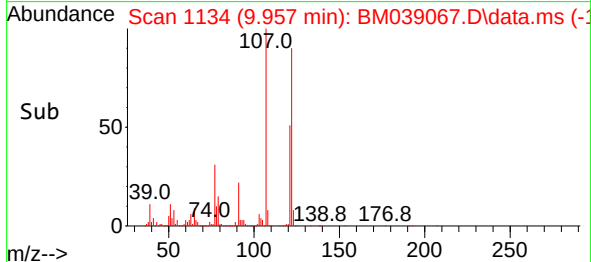
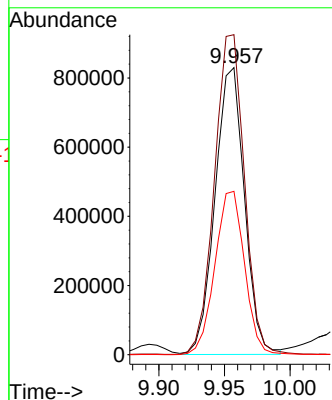
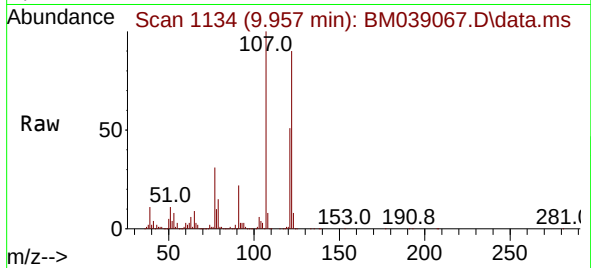




#27
2,4-Dimethylphenol
Concen: 45.380 ng
RT: 9.957 min Scan# 1137
Delta R.T. 0.006 min
Lab File: BM039067.D
Acq: 21 Mar 2023 13:48

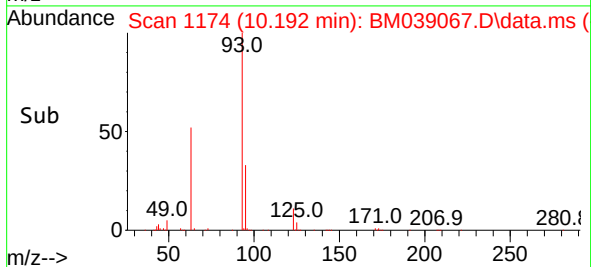
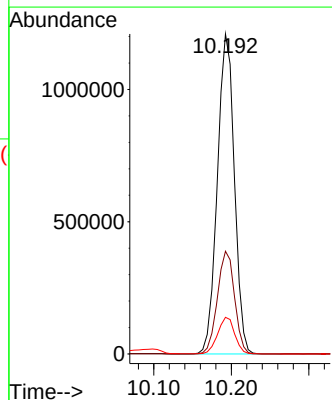
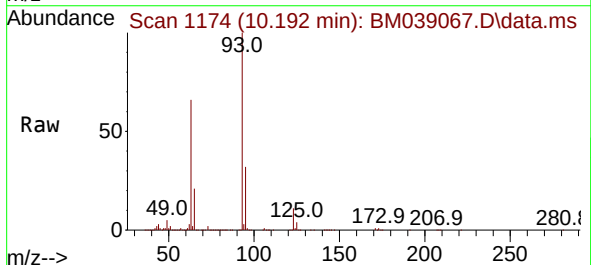
Instrument :
BNA_M
ClientSampleId :
PB151485BS

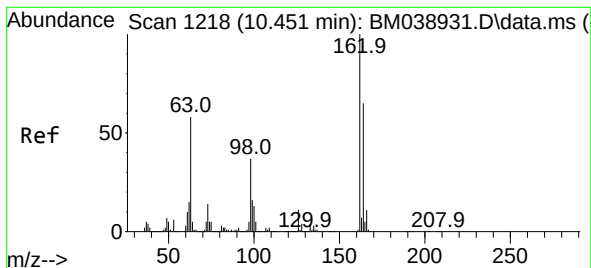
Tgt Ion:122 Resp: 1296555
Ion Ratio Lower Upper
122 100
107 111.5 91.0 136.4
121 56.9 45.1 67.7



#28
bis(2-Chloroethoxy)methane
Concen: 43.744 ng
RT: 10.192 min Scan# 1174
Delta R.T. 0.000 min
Lab File: BM039067.D
Acq: 21 Mar 2023 13:48

Tgt Ion: 93 Resp: 1843012
Ion Ratio Lower Upper
93 100
95 32.1 25.9 38.9
123 11.5 8.8 13.2





#29

2,4-Dichlorophenol

Concen: 44.884 ng

RT: 10.428 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM039067.D

Acq: 21 Mar 2023 13:48

Instrument :

BNA_M

ClientSampleId :

PB151485BS

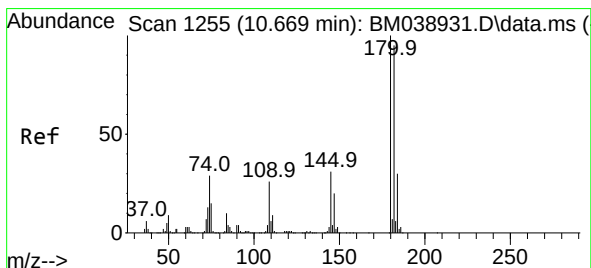
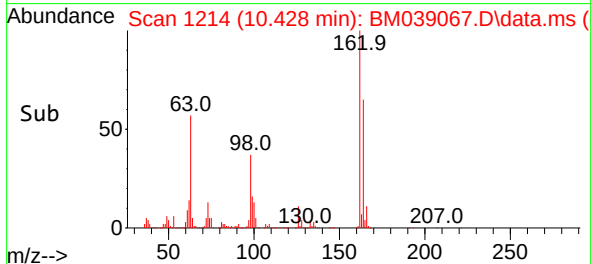
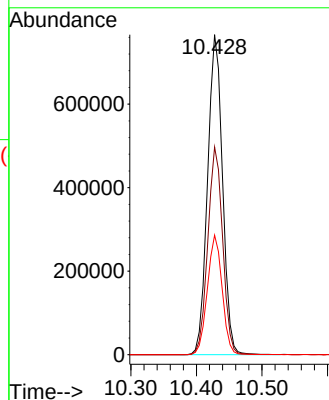
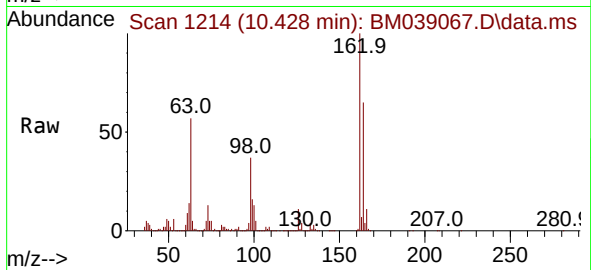
Tgt Ion:162 Resp: 1215808

Ion Ratio Lower Upper

162 100

164 64.9 44.6 84.6

98 37.4 17.5 57.5



#30

1,2,4-Trichlorobenzene

Concen: 46.291 ng

RT: 10.645 min Scan# 1251

Delta R.T. 0.000 min

Lab File: BM039067.D

Acq: 21 Mar 2023 13:48

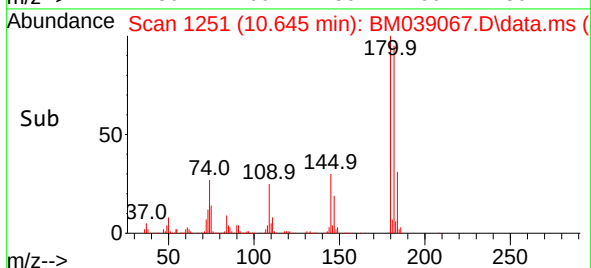
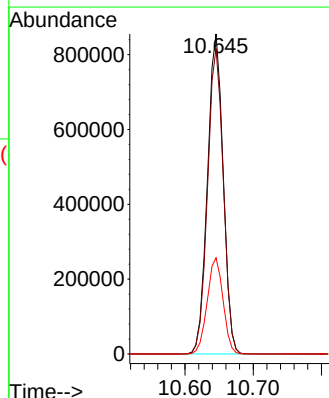
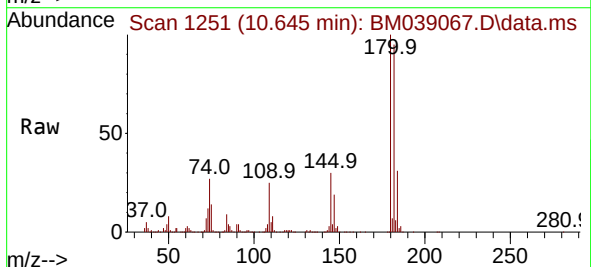
Tgt Ion:180 Resp: 1370248

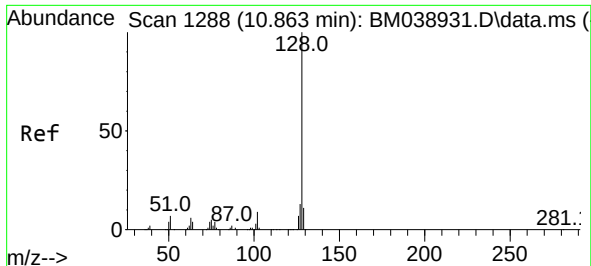
Ion Ratio Lower Upper

180 100

182 95.5 76.3 114.5

145 30.1 25.0 37.4

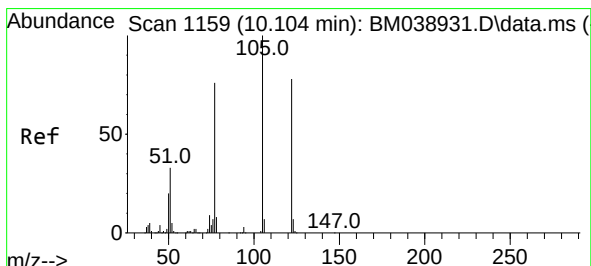
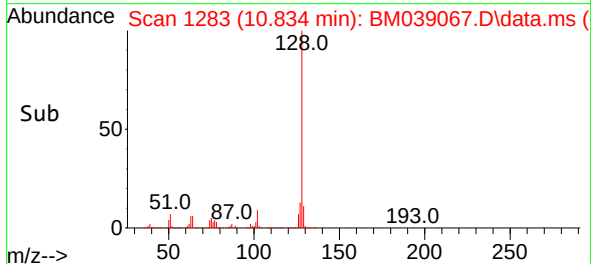
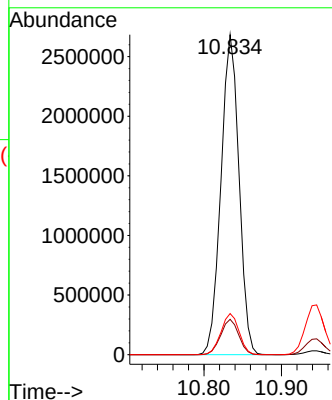
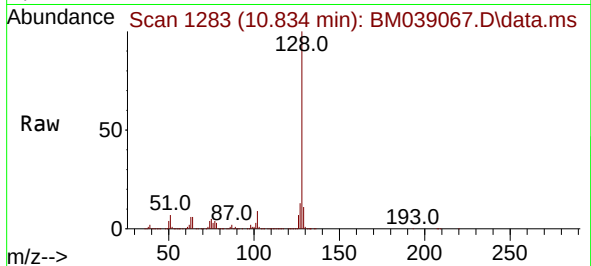




#31
Naphthalene
Concen: 43.452 ng
RT: 10.834 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM039067.D
Acq: 21 Mar 2023 13:48

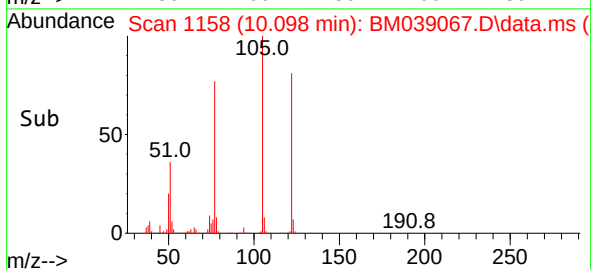
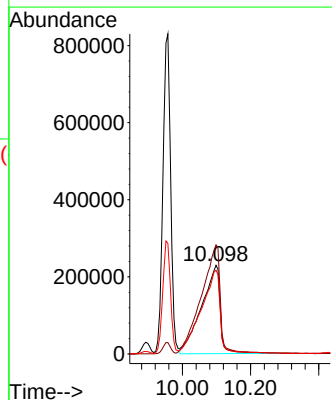
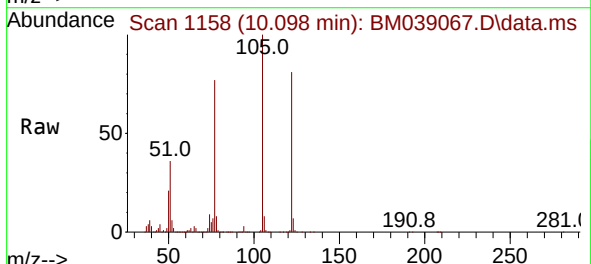
Instrument :
BNA_M
ClientSampleId :
PB151485BS

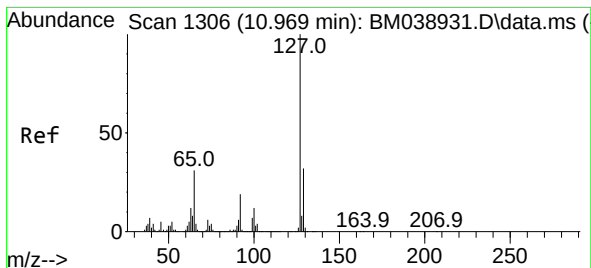
Tgt Ion:128 Resp: 4336758
Ion Ratio Lower Upper
128 100
129 11.0 8.6 13.0
127 12.8 10.2 15.4



#32
Benzoic acid
Concen: 42.659 ng
RT: 10.098 min Scan# 1158
Delta R.T. 0.012 min
Lab File: BM039067.D
Acq: 21 Mar 2023 13:48

Tgt Ion:122 Resp: 879064
Ion Ratio Lower Upper
122 100
105 123.1 104.2 144.2
77 94.5 75.1 115.1

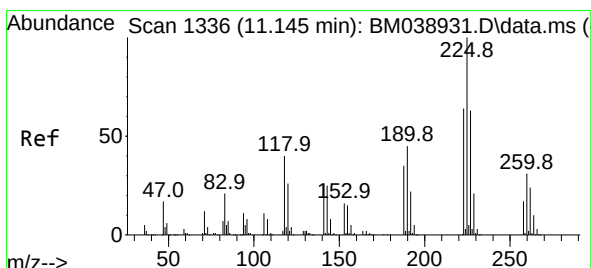
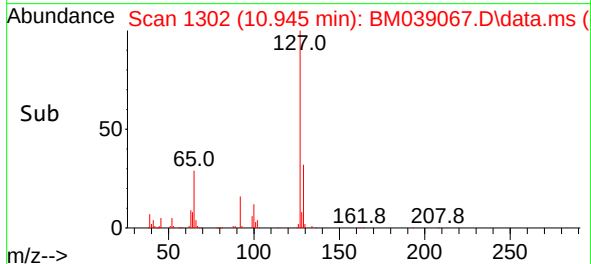
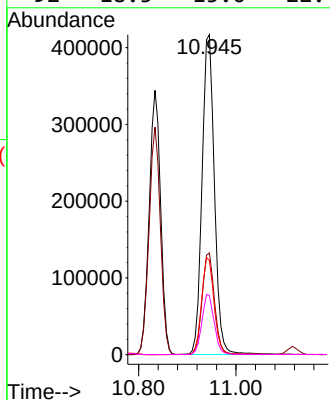
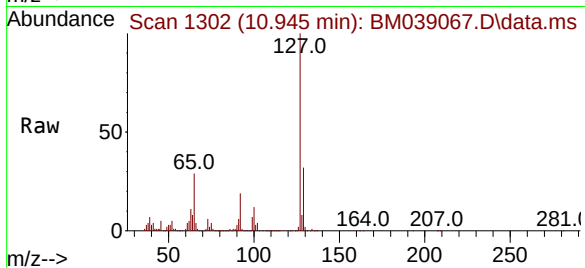




#33
4-Chloroaniline
Concen: 17.282 ng
RT: 10.945 min Scan# 11
Delta R.T. 0.006 min
Lab File: BM039067.D
Acq: 21 Mar 2023 13:48

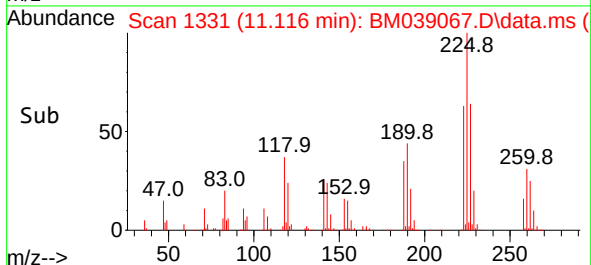
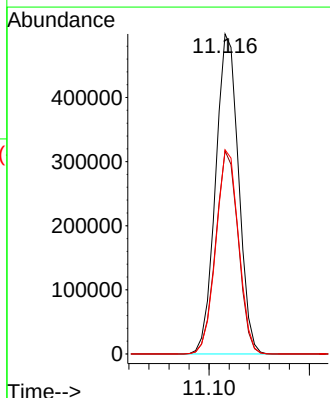
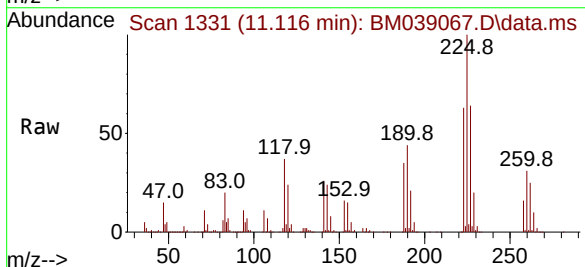
Instrument :
BNA_M
ClientSampleId :
PB151485BS

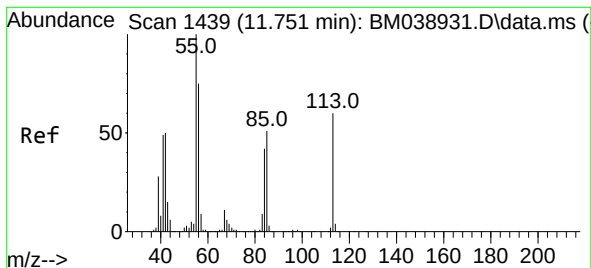
Tgt Ion:	127	Resp:	735085
Ion	Ratio	Lower	Upper
127	100		
129	31.8	25.4	38.2
65	29.4	24.4	36.6
92	18.5	15.0	22.4



#34
Hexachlorobutadiene
Concen: 46.616 ng
RT: 11.116 min Scan# 1331
Delta R.T. 0.000 min
Lab File: BM039067.D
Acq: 21 Mar 2023 13:48

Tgt Ion:	225	Resp:	791292
Ion	Ratio	Lower	Upper
225	100		
223	63.4	51.3	76.9
227	63.8	50.6	76.0





#35

Caprolactam

Concen: 39.864 ng

RT: 11.734 min Scan# 1436

Delta R.T. 0.000 min

Lab File: BM039067.D

Acq: 21 Mar 2023 13:48

Instrument :

BNA_M

ClientSampleId :

PB151485BS

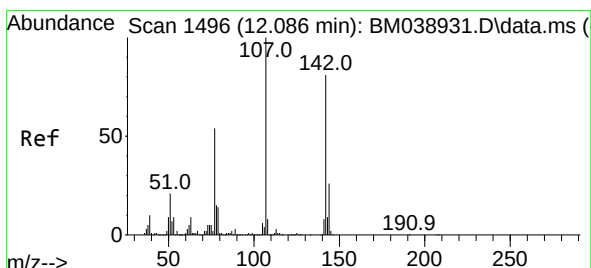
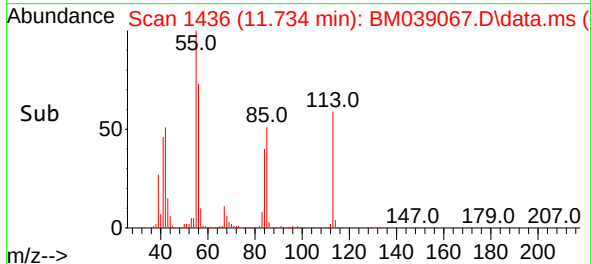
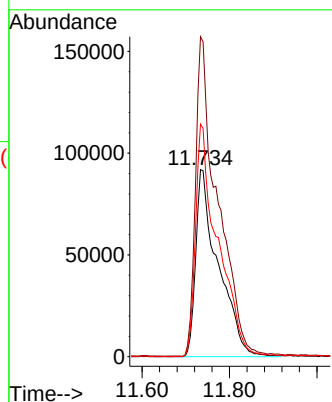
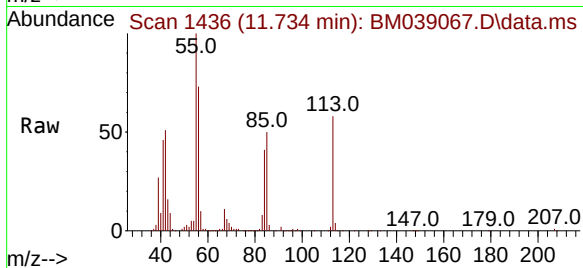
Tgt Ion:113 Resp: 328650

Ion Ratio Lower Upper

113 100

55 171.1 147.0 187.0

56 124.4 105.1 145.1



#36

4-Chloro-3-methylphenol

Concen: 40.830 ng

RT: 12.063 min Scan# 1492

Delta R.T. 0.000 min

Lab File: BM039067.D

Acq: 21 Mar 2023 13:48

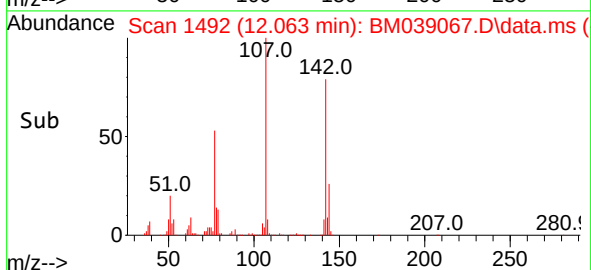
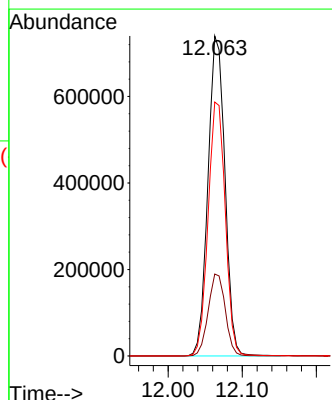
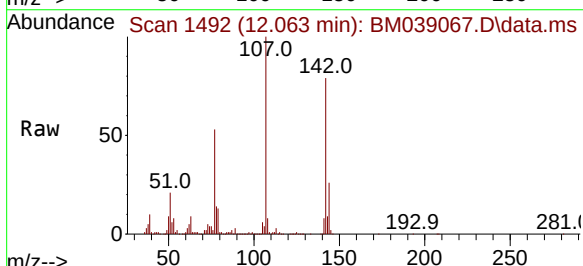
Tgt Ion:107 Resp: 1177721

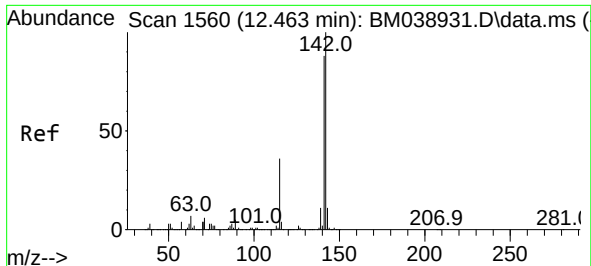
Ion Ratio Lower Upper

107 100

144 25.6 20.7 31.1

142 79.4 64.6 97.0

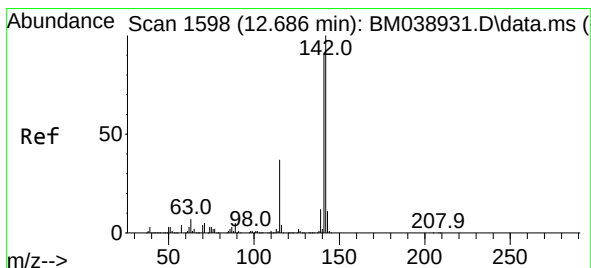
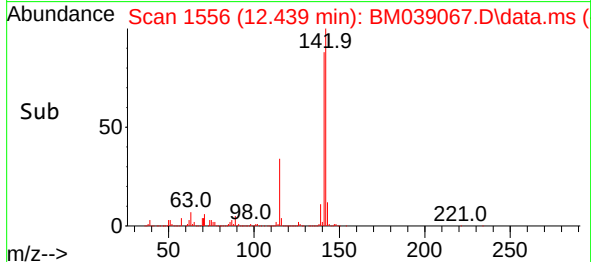
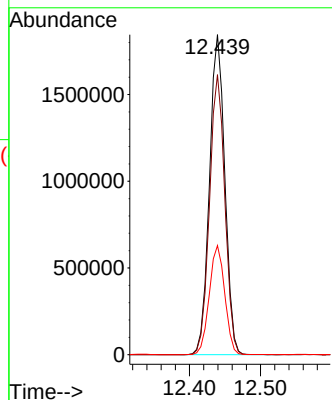
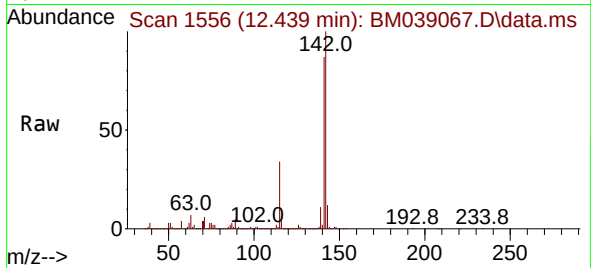




#37
2-Methylnaphthalene
Concen: 41.401 ng
RT: 12.439 min Scan# 1556
Delta R.T. 0.000 min
Lab File: BM039067.D
Acq: 21 Mar 2023 13:48

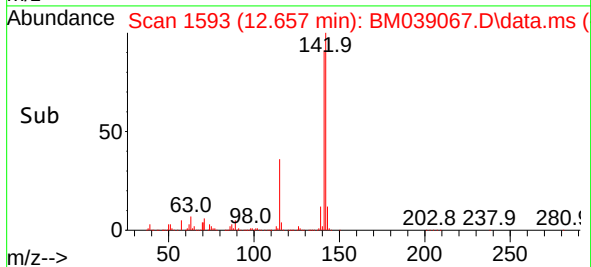
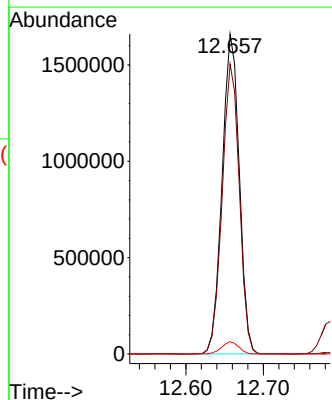
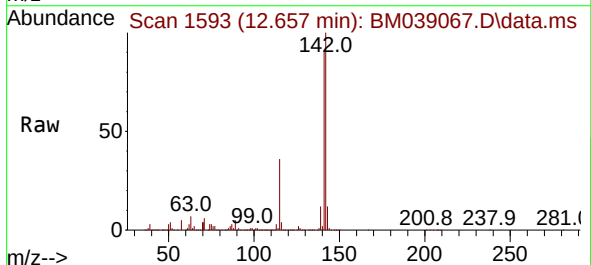
Instrument :
BNA_M
ClientSampleId :
PB151485BS

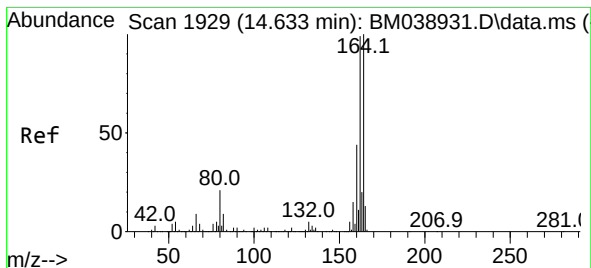
Tgt Ion:142 Resp: 2769522
Ion Ratio Lower Upper
142 100
141 87.5 70.6 106.0
115 34.1 28.5 42.7



#38
1-Methylnaphthalene
Concen: 40.716 ng
RT: 12.657 min Scan# 1593
Delta R.T. 0.000 min
Lab File: BM039067.D
Acq: 21 Mar 2023 13:48

Tgt Ion:142 Resp: 2552458
Ion Ratio Lower Upper
142 100
141 90.6 72.8 109.2
116 3.9 3.0 4.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.610 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM039067.D

Acq: 21 Mar 2023 13:48

Instrument :

BNA_M

ClientSampleId :

PB151485BS

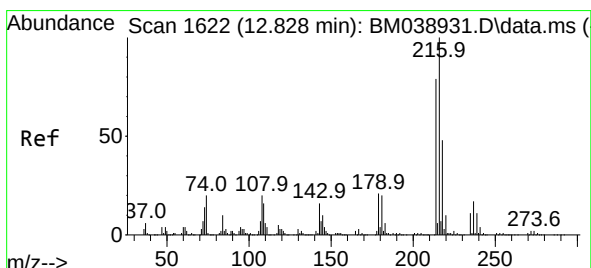
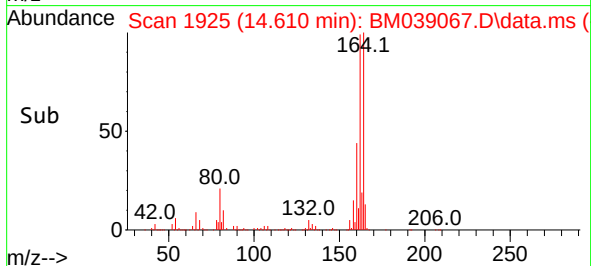
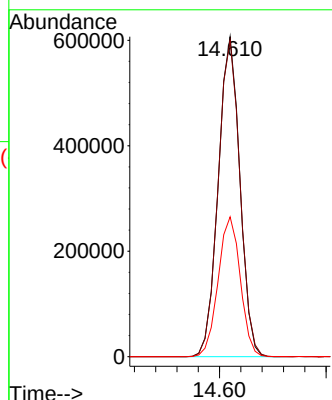
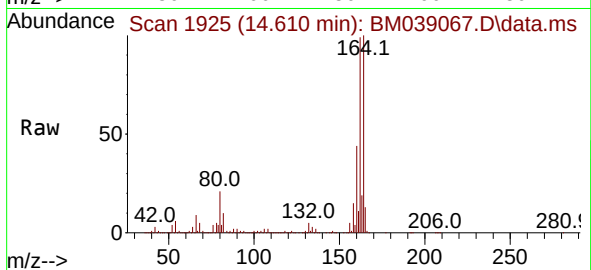
Tgt Ion:164 Resp: 852909

Ion Ratio Lower Upper

164 100

162 98.9 79.2 118.8

160 43.7 35.5 53.3



#40

1,2,4,5-Tetrachlorobenzene

Concen: 47.658 ng

RT: 12.810 min Scan# 1619

Delta R.T. 0.006 min

Lab File: BM039067.D

Acq: 21 Mar 2023 13:48

Tgt Ion:216 Resp: 1321439

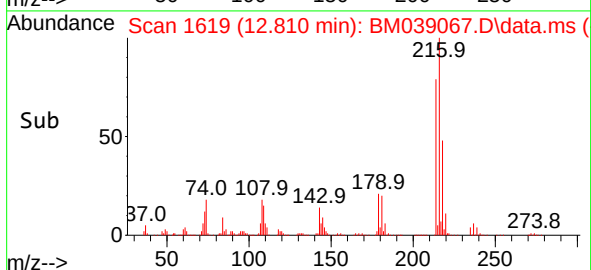
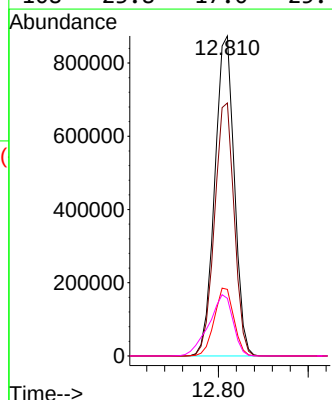
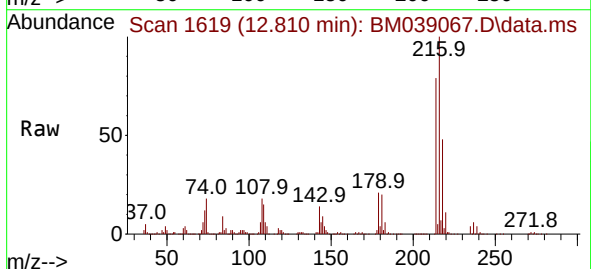
Ion Ratio Lower Upper

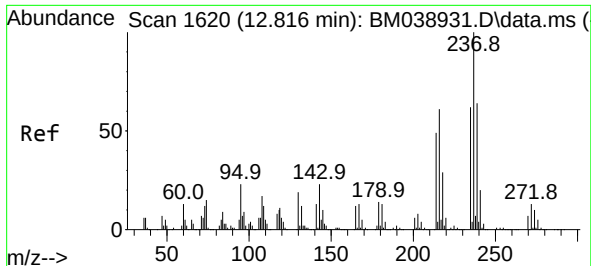
216 100

214 79.4 63.0 94.4

179 21.2 16.8 25.2

108 23.8 17.0 25.4

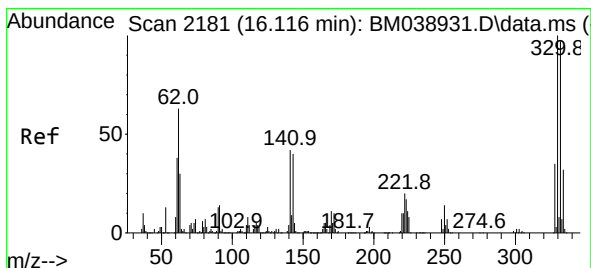
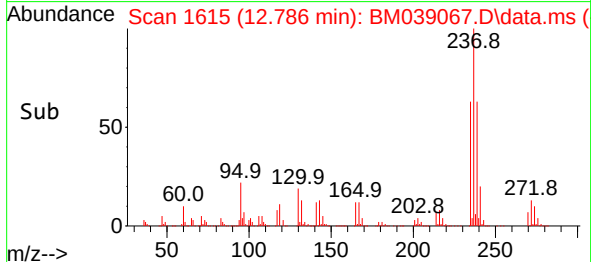
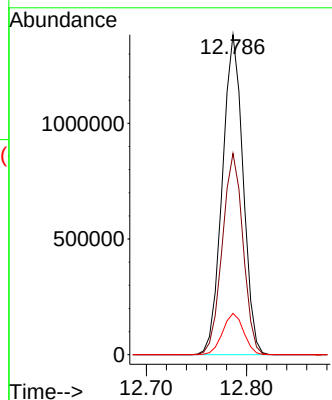
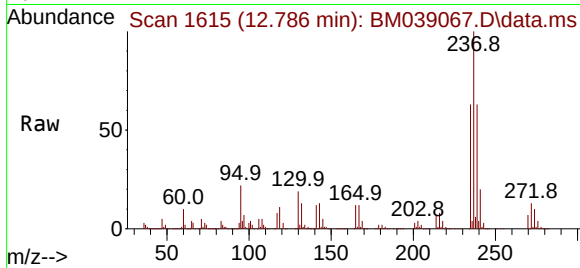




#41
Hexachlorocyclopentadiene
Concen: 130.213 ng
RT: 12.786 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM039067.D
Acq: 21 Mar 2023 13:48

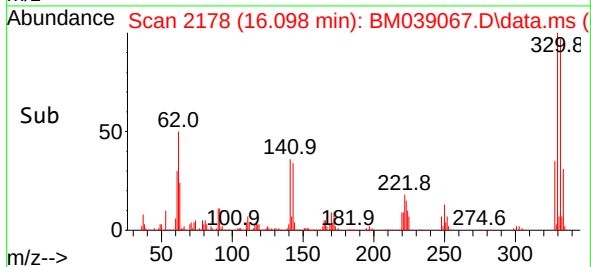
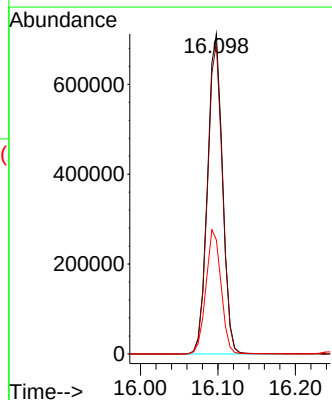
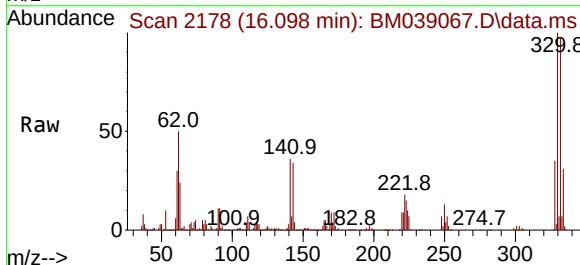
Instrument :
BNA_M
ClientSampleId :
PB151485BS

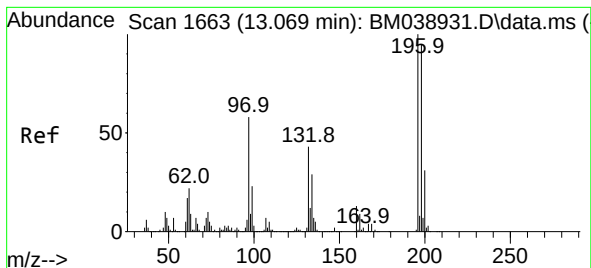
Tgt Ion:237 Resp: 1981832
Ion Ratio Lower Upper
237 100
235 62.9 41.7 81.7
272 12.9 0.0 33.2



#42
2,4,6-Tribromophenol
Concen: 96.989 ng
RT: 16.098 min Scan# 2178
Delta R.T. 0.000 min
Lab File: BM039067.D
Acq: 21 Mar 2023 13:48

Tgt Ion:330 Resp: 956968
Ion Ratio Lower Upper
330 100
332 96.9 77.4 116.0
141 39.0 32.2 48.4





#43

2,4,6-Trichlorophenol

Concen: 47.015 ng

RT: 13.045 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM039067.D

Acq: 21 Mar 2023 13:48

Instrument :

BNA_M

ClientSampleId :

PB151485BS

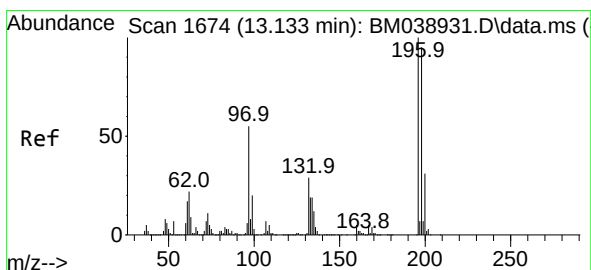
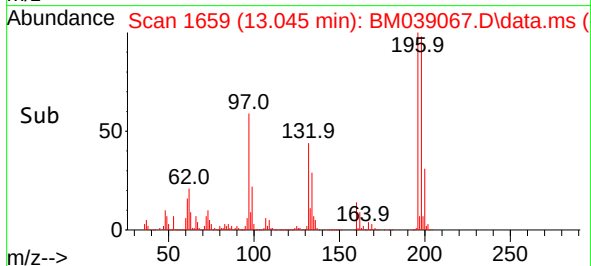
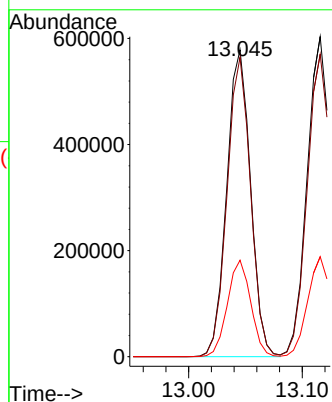
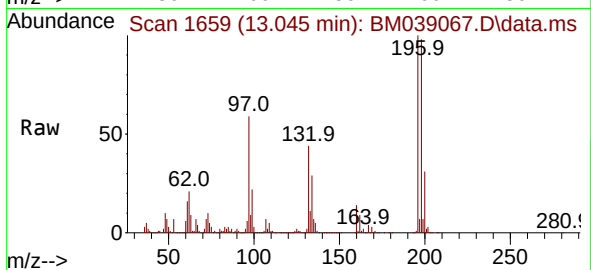
Tgt Ion:196 Resp: 844169

Ion Ratio Lower Upper

196 100

198 97.5 75.8 113.8

200 31.4 25.0 37.4



#44

2,4,5-Trichlorophenol

Concen: 42.153 ng

RT: 13.116 min Scan# 1671

Delta R.T. 0.000 min

Lab File: BM039067.D

Acq: 21 Mar 2023 13:48

Tgt Ion:196 Resp: 885900

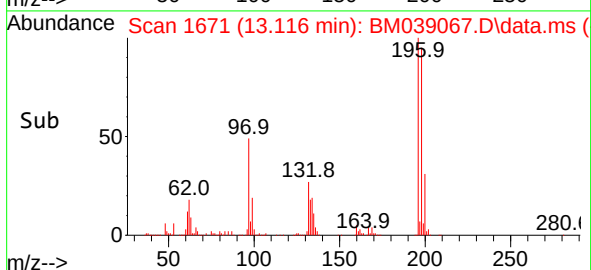
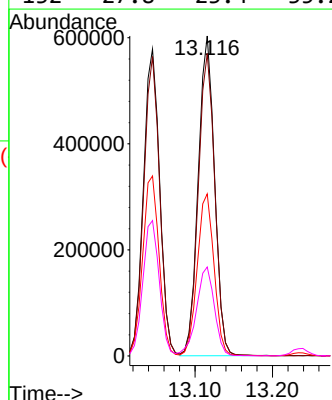
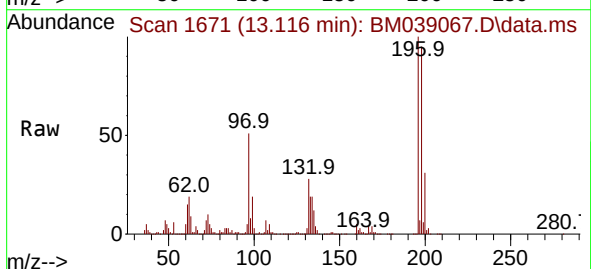
Ion Ratio Lower Upper

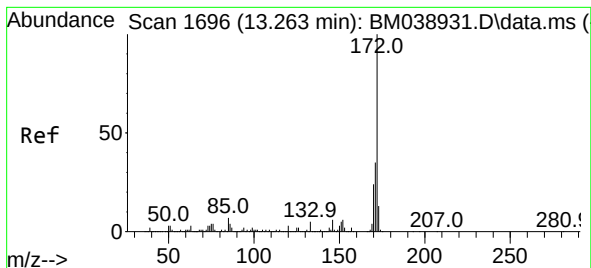
196 100

198 94.5 76.3 114.5

97 50.7 44.2 66.4

132 27.8 23.4 35.2





#45

2-Fluorobiphenyl

Concen: 70.877 ng

RT: 13.239 min Scan# 1

Delta R.T. 0.006 min

Lab File: BM039067.D

Acq: 21 Mar 2023 13:48

Instrument :

BNA_M

ClientSampleId :

PB151485BS

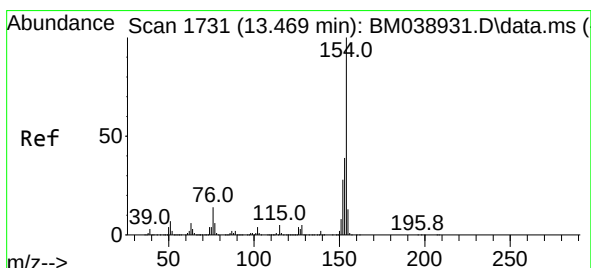
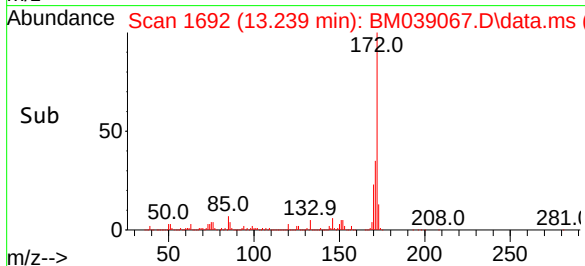
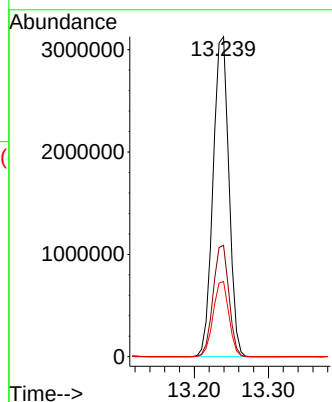
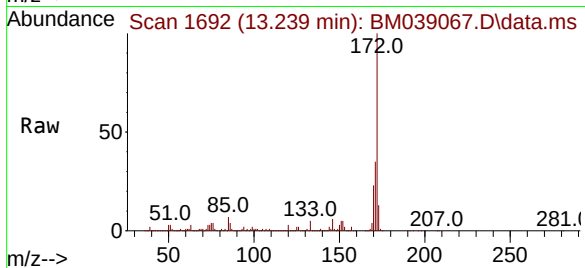
Tgt Ion:172 Resp: 4643681

Ion Ratio Lower Upper

172 100

171 34.8 28.2 42.2

170 23.5 19.1 28.7



#46

1,1'-Biphenyl

Concen: 46.233 ng

RT: 13.445 min Scan# 1727

Delta R.T. 0.000 min

Lab File: BM039067.D

Acq: 21 Mar 2023 13:48

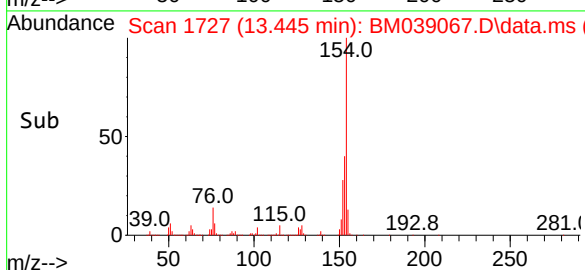
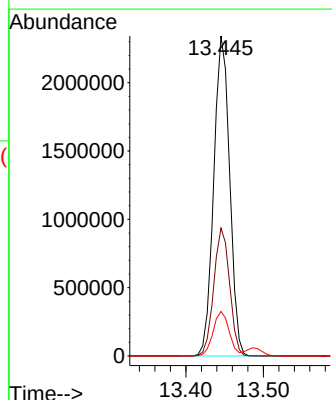
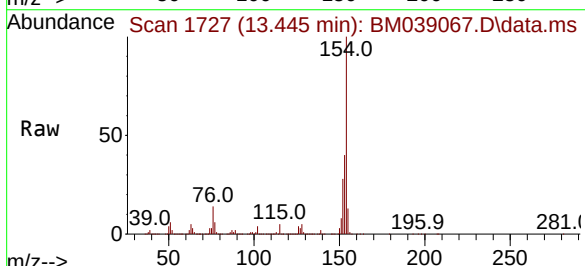
Tgt Ion:154 Resp: 3340641

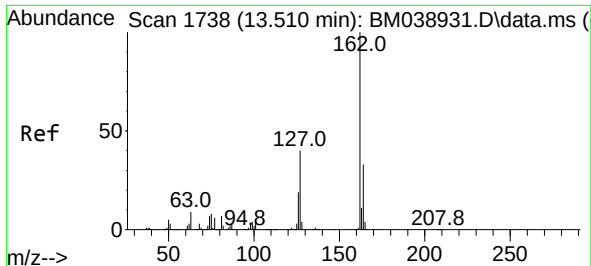
Ion Ratio Lower Upper

154 100

153 39.9 19.3 59.3

76 13.9 0.0 34.0





#47

2-Chloronaphthalene

Concen: 47.489 ng

RT: 13.486 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM039067.D

Acq: 21 Mar 2023 13:48

Instrument :

BNA_M

ClientSampleId :

PB151485BS

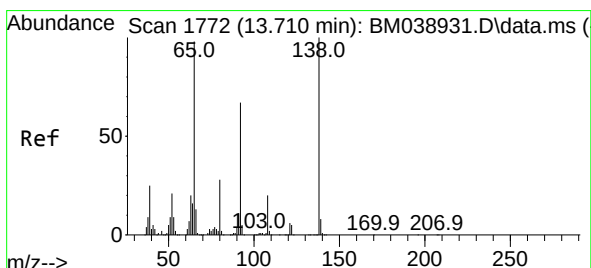
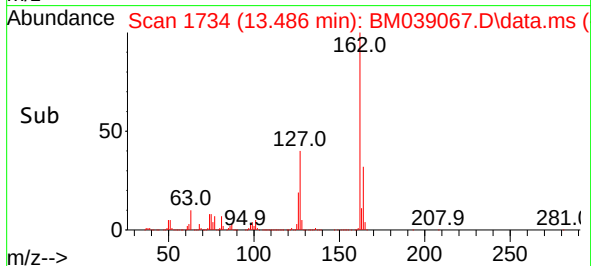
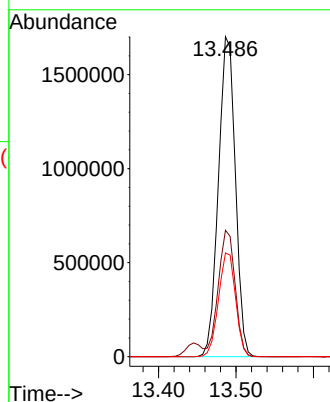
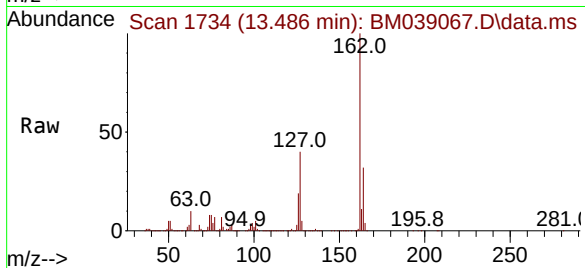
Tgt Ion:162 Resp: 2587498

Ion Ratio Lower Upper

162 100

127 39.5 32.1 48.1

164 32.4 26.2 39.4



#48

2-Nitroaniline

Concen: 41.985 ng

RT: 13.692 min Scan# 1769

Delta R.T. 0.000 min

Lab File: BM039067.D

Acq: 21 Mar 2023 13:48

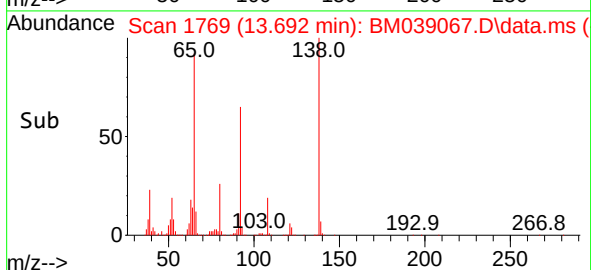
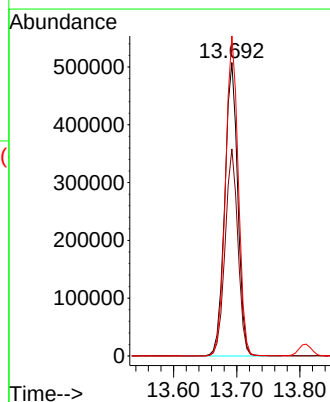
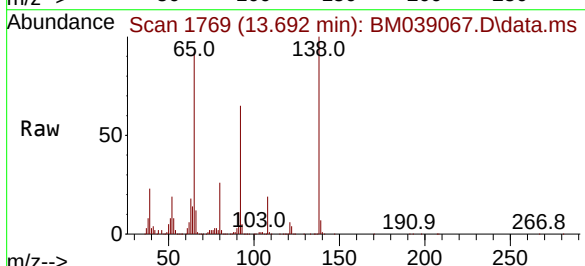
Tgt Ion: 65 Resp: 727342

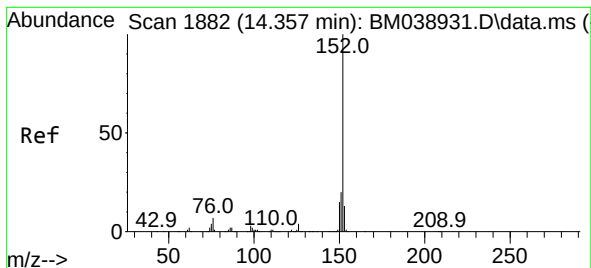
Ion Ratio Lower Upper

65 100

92 70.5 54.9 82.3

138 109.1 81.6 122.4





#49

Acenaphthylene

Concen: 44.644 ng

RT: 14.333 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM039067.D

Acq: 21 Mar 2023 13:48

Instrument :

BNA_M

ClientSampleId :

PB151485BS

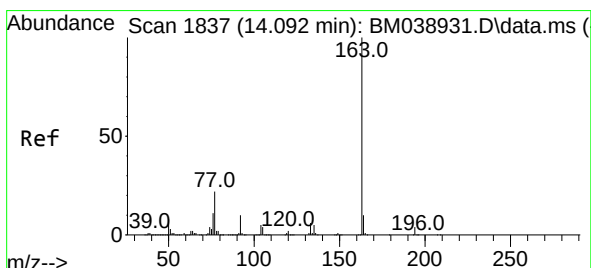
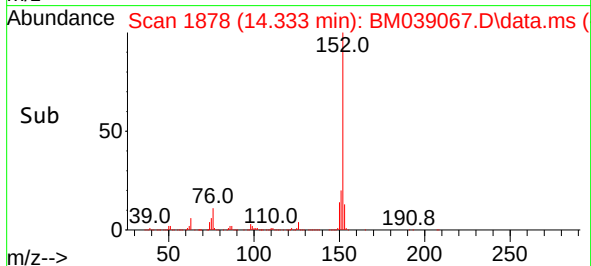
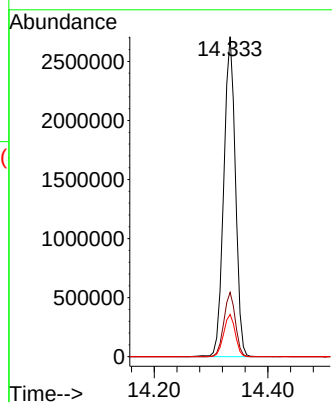
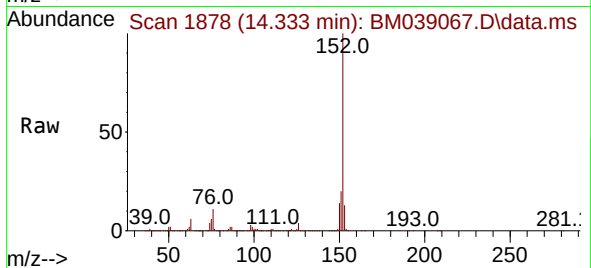
Tgt Ion:152 Resp: 3874612

Ion Ratio Lower Upper

152 100

151 20.1 15.8 23.8

153 13.2 10.4 15.6



#50

Dimethylphthalate

Concen: 41.727 ng

RT: 14.069 min Scan# 1833

Delta R.T. 0.000 min

Lab File: BM039067.D

Acq: 21 Mar 2023 13:48

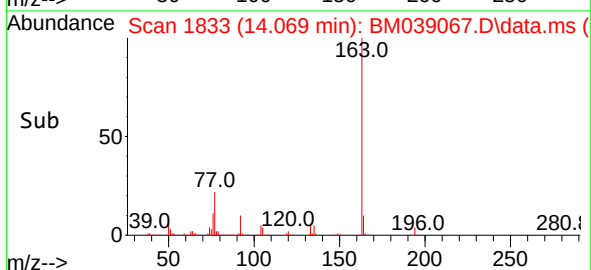
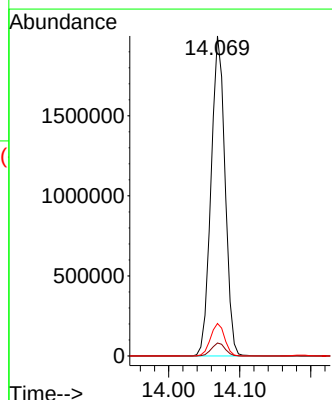
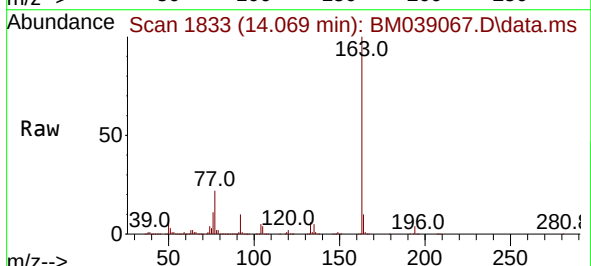
Tgt Ion:163 Resp: 2738547

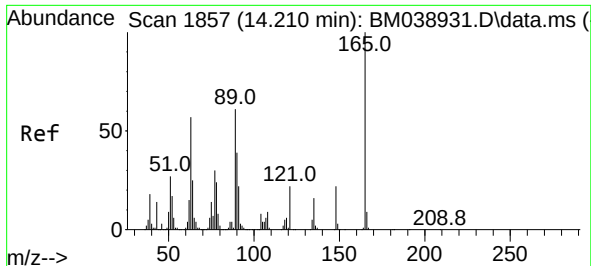
Ion Ratio Lower Upper

163 100

194 4.1 3.1 4.7

164 10.1 8.1 12.1

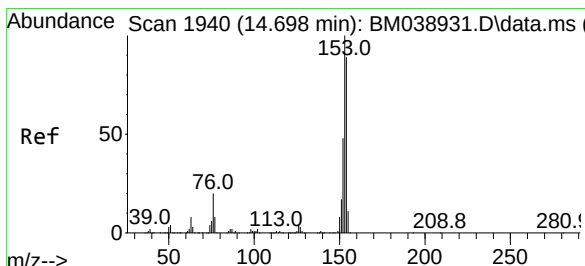
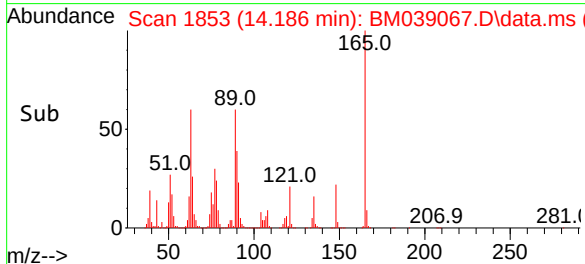
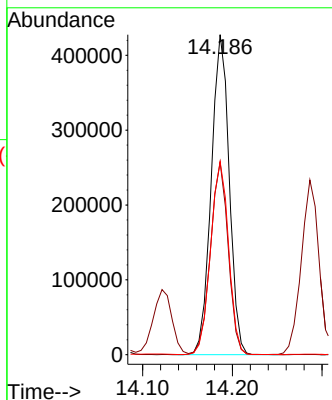
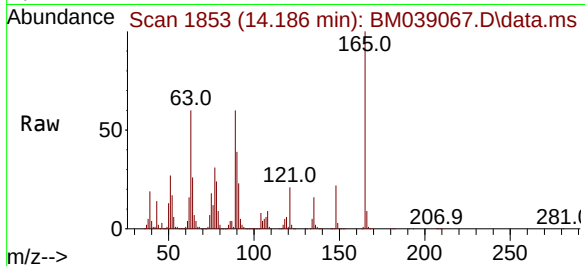




#51
2,6-Dinitrotoluene
Concen: 41.139 ng
RT: 14.186 min Scan# 1853
Delta R.T. 0.000 min
Lab File: BM039067.D
Acq: 21 Mar 2023 13:48

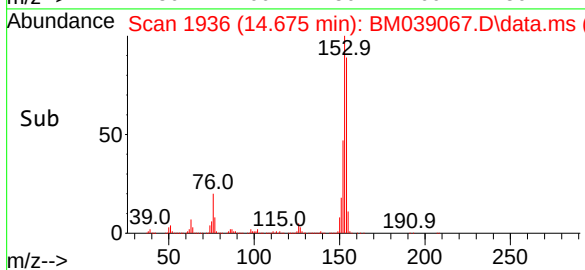
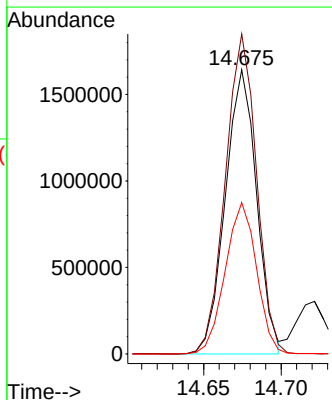
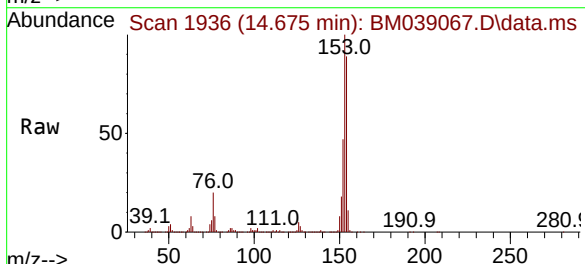
Instrument :
BNA_M
ClientSampleId :
PB151485BS

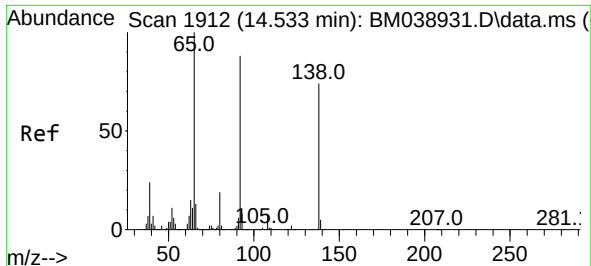
Tgt Ion:165 Resp: 593957
Ion Ratio Lower Upper
165 100
63 60.1 46.6 70.0
89 60.4 48.6 73.0



#52
Acenaphthene
Concen: 43.279 ng
RT: 14.675 min Scan# 1936
Delta R.T. 0.000 min
Lab File: BM039067.D
Acq: 21 Mar 2023 13:48

Tgt Ion:154 Resp: 2308373
Ion Ratio Lower Upper
154 100
153 112.6 90.2 135.2
152 53.3 43.4 65.2

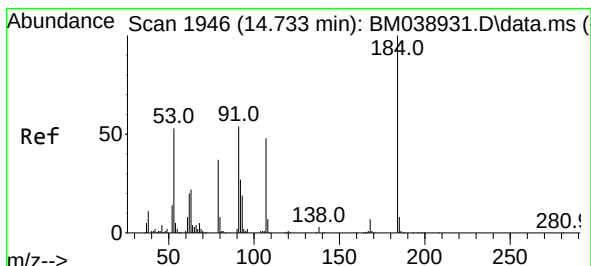
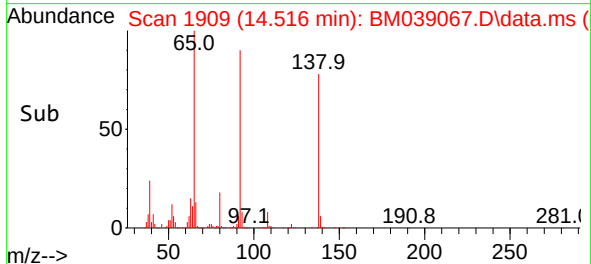
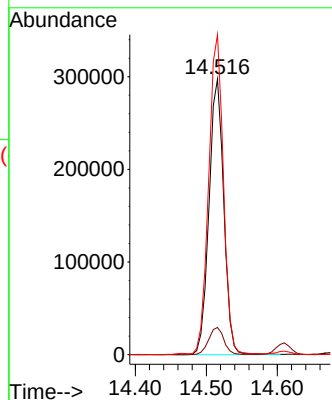
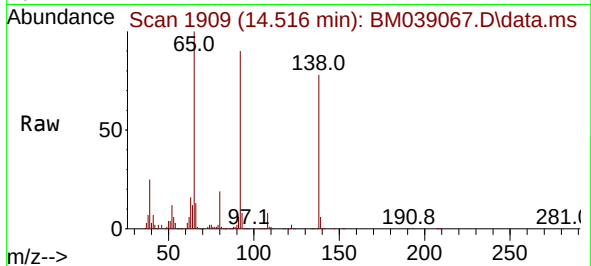




#53
3-Nitroaniline
Concen: 26.087 ng
RT: 14.516 min Scan# 1909
Delta R.T. 0.000 min
Lab File: BM039067.D
Acq: 21 Mar 2023 13:48

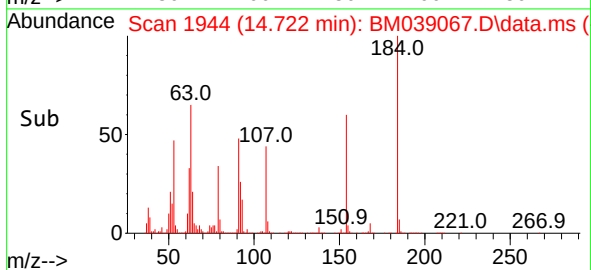
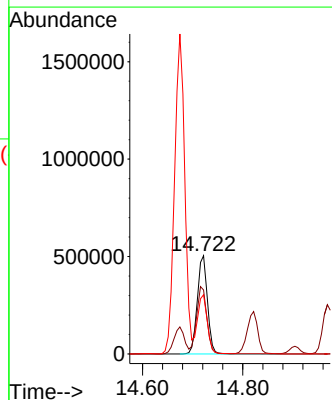
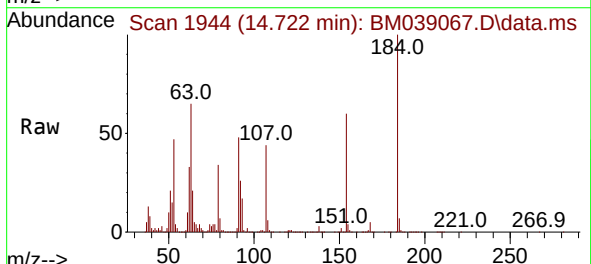
Instrument :
BNA_M
ClientSampleId :
PB151485BS

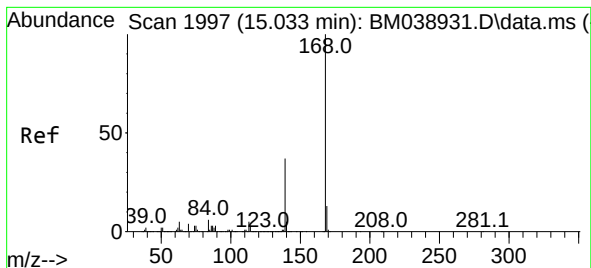
Tgt Ion:138 Resp: 429903
Ion Ratio Lower Upper
138 100
108 9.9 8.3 12.5
92 116.2 95.8 143.8



#54
2,4-Dinitrophenol
Concen: 84.426 ng
RT: 14.722 min Scan# 1944
Delta R.T. 0.006 min
Lab File: BM039067.D
Acq: 21 Mar 2023 13:48

Tgt Ion:184 Resp: 706890
Ion Ratio Lower Upper
184 100
63 65.2 60.6 90.8
154 60.3 51.4 77.2





#55

Dibenzofuran

Concen: 41.929 ng

RT: 15.010 min Scan# 1993

Delta R.T. 0.006 min

Lab File: BM039067.D

Acq: 21 Mar 2023 13:48

Instrument :

BNA_M

ClientSampleId :

PB151485BS

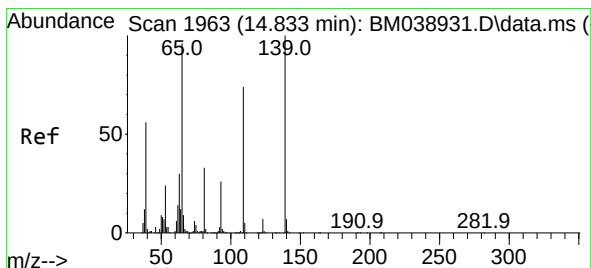
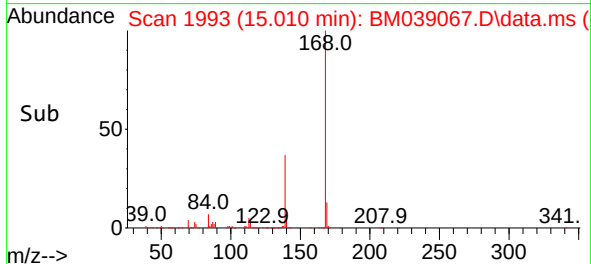
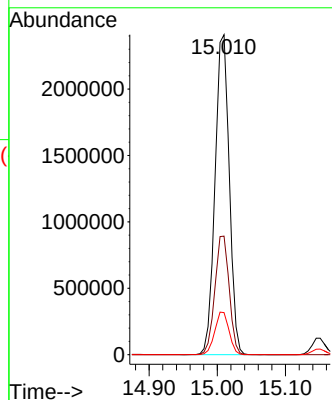
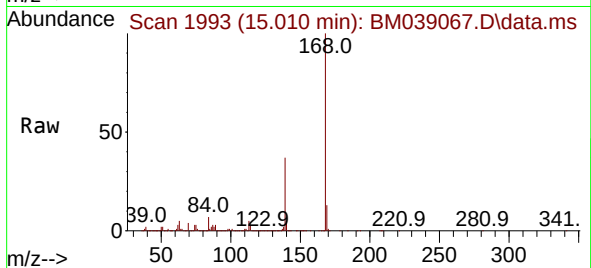
Tgt Ion:168 Resp: 3499572

Ion Ratio Lower Upper

168 100

139 37.0 29.9 44.9

169 13.1 10.7 16.1



#56

4-Nitrophenol

Concen: 83.752 ng

RT: 14.822 min Scan# 1961

Delta R.T. 0.006 min

Lab File: BM039067.D

Acq: 21 Mar 2023 13:48

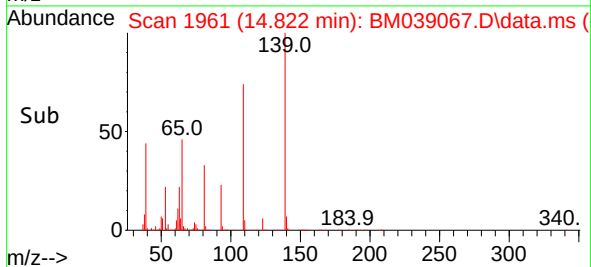
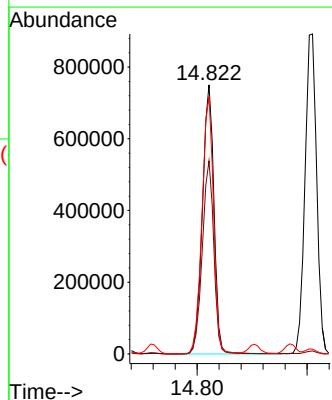
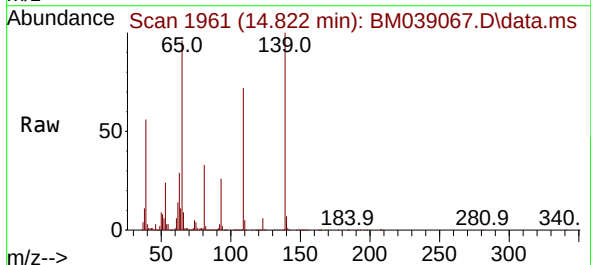
Tgt Ion:139 Resp: 1091667

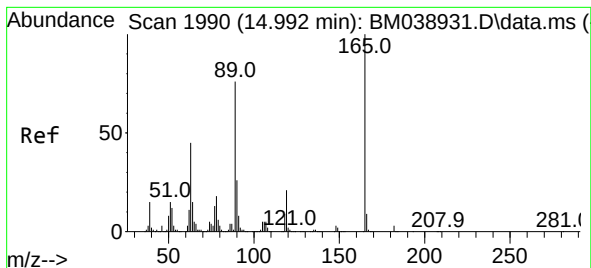
Ion Ratio Lower Upper

139 100

109 71.8 53.5 93.5

65 95.7 76.4 116.4

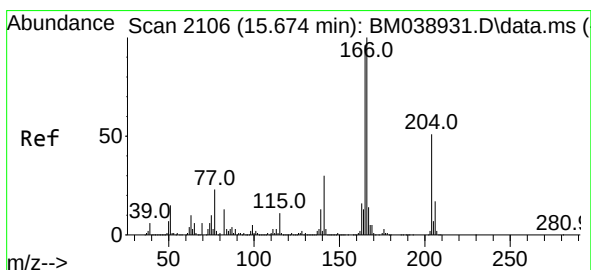
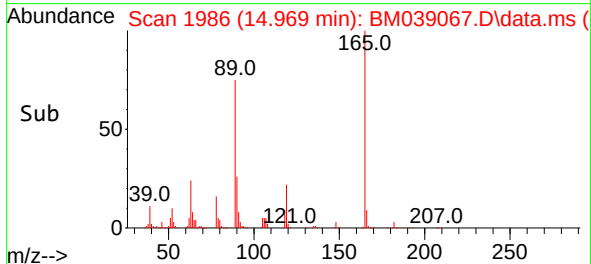
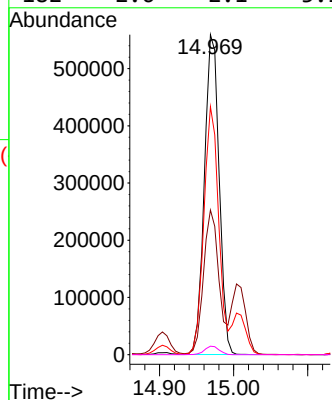
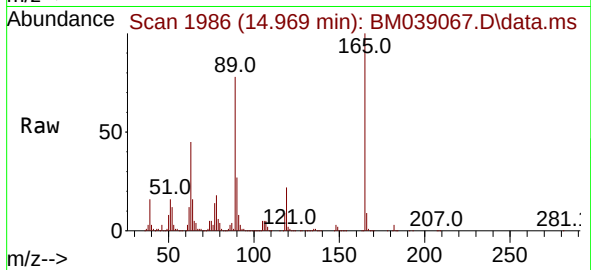




#57
2,4-Dinitrotoluene
Concen: 41.027 ng
RT: 14.969 min Scan# 1990
Delta R.T. 0.000 min
Lab File: BM039067.D
Acq: 21 Mar 2023 13:48

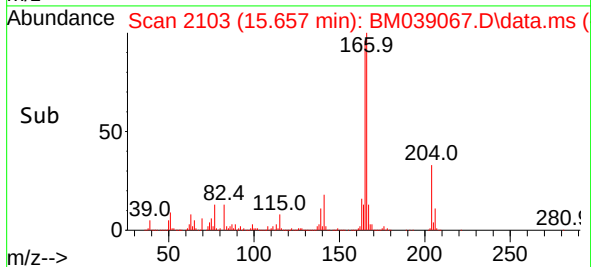
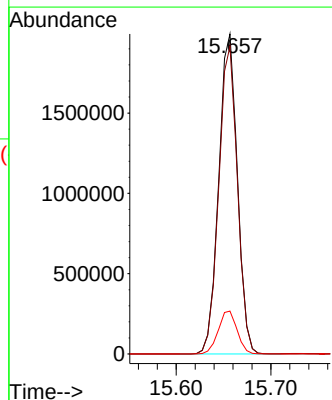
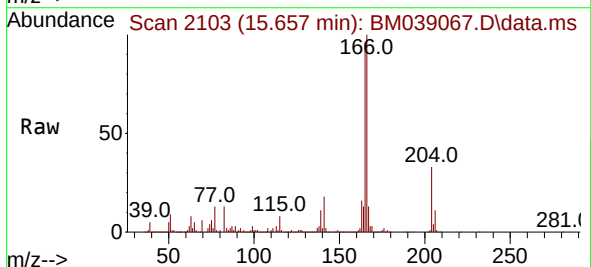
Instrument :
BNA_M
ClientSampleId :
PB151485BS

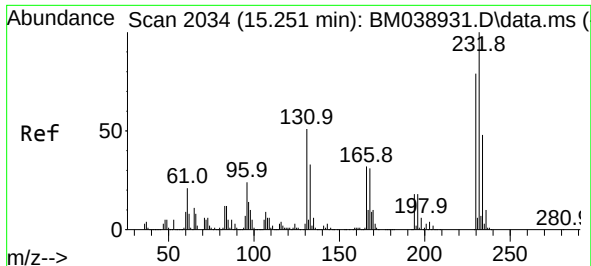
Tgt Ion:165 Resp: 777672
Ion Ratio Lower Upper
165 100
63 45.2 35.9 53.9
89 77.5 61.0 91.6
182 2.6 2.1 3.1



#58
Fluorene
Concen: 41.730 ng
RT: 15.657 min Scan# 2103
Delta R.T. 0.000 min
Lab File: BM039067.D
Acq: 21 Mar 2023 13:48

Tgt Ion:166 Resp: 2728307
Ion Ratio Lower Upper
166 100
165 96.2 77.1 115.7
167 13.4 10.9 16.3

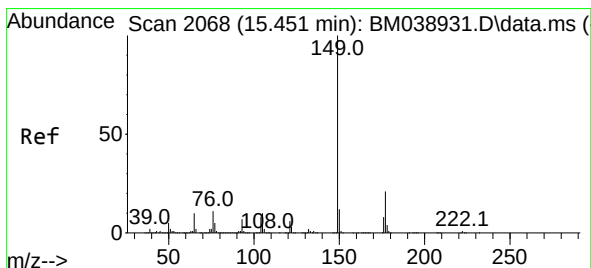
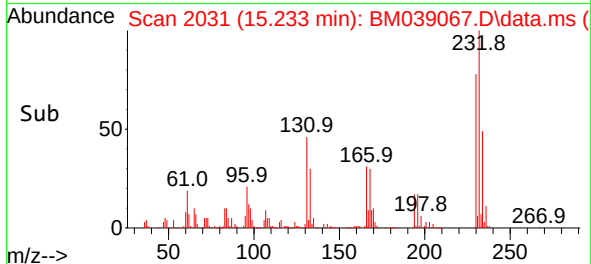
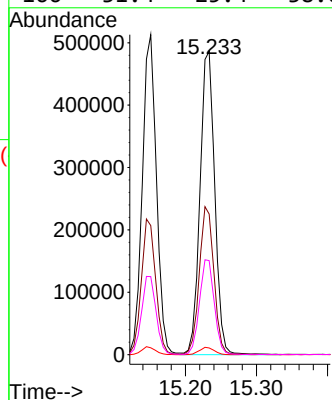
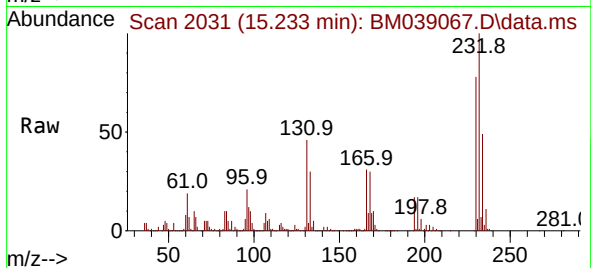




#59
2,3,4,6-Tetrachlorophenol
Concen: 43.469 ng
RT: 15.233 min Scan# 2031
Delta R.T. 0.006 min
Lab File: BM039067.D
Acq: 21 Mar 2023 13:48

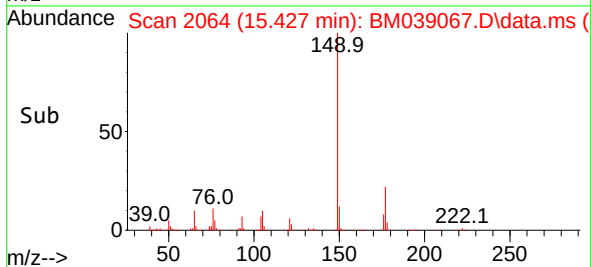
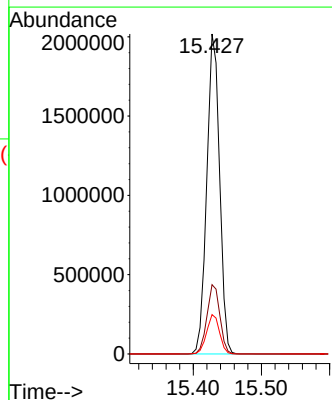
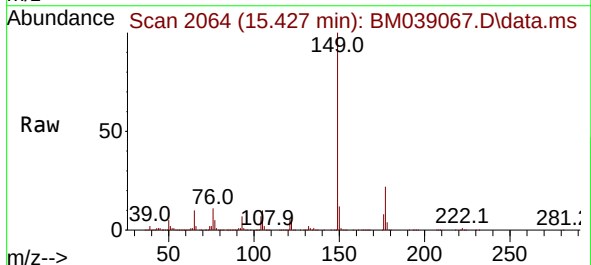
Instrument :
BNA_M
ClientSampleId :
PB151485BS

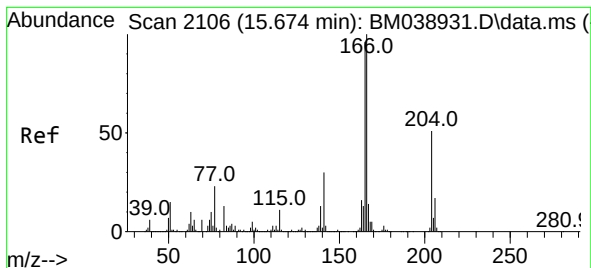
Tgt Ion:232 Resp: 704567
Ion Ratio Lower Upper
232 100
131 48.2 40.0 60.0
130 2.4 2.0 3.0
166 31.4 25.4 38.0



#60
Diethylphthalate
Concen: 41.288 ng
RT: 15.427 min Scan# 2064
Delta R.T. 0.000 min
Lab File: BM039067.D
Acq: 21 Mar 2023 13:48

Tgt Ion:149 Resp: 2636605
Ion Ratio Lower Upper
149 100
177 21.7 17.1 25.7
150 12.3 9.7 14.5

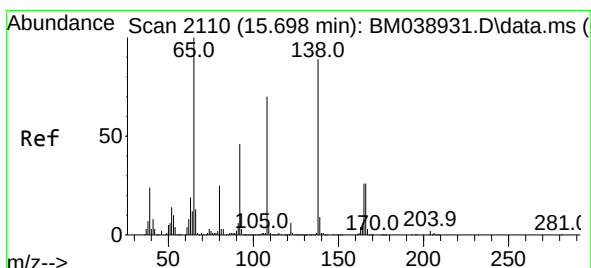
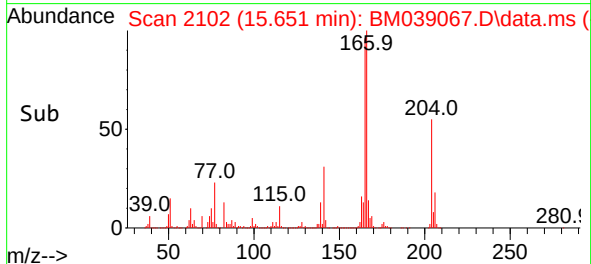
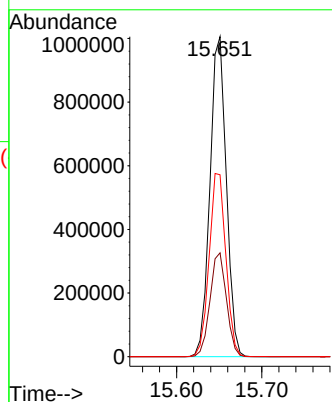
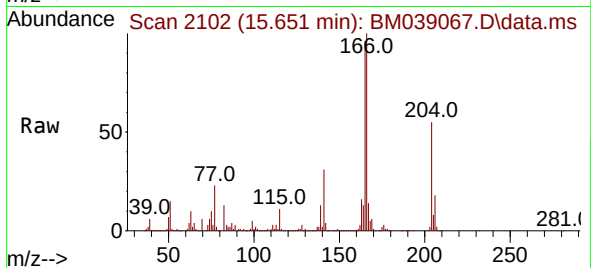




#61
4-Chlorophenyl-phenylether
Concen: 41.733 ng
RT: 15.651 min Scan# 2102
Delta R.T. 0.000 min
Lab File: BM039067.D
Acq: 21 Mar 2023 13:48

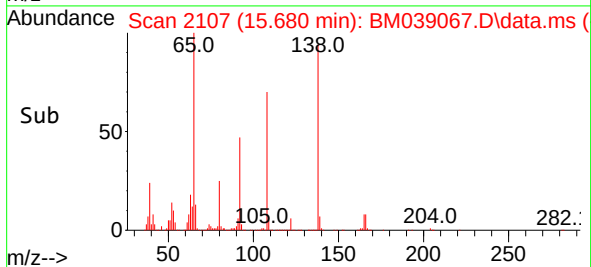
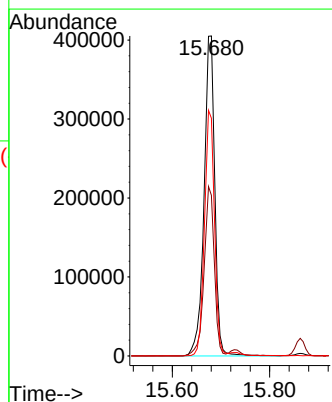
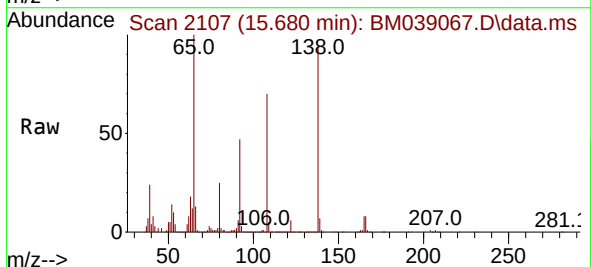
Instrument :
BNA_M
ClientSampleId :
PB151485BS

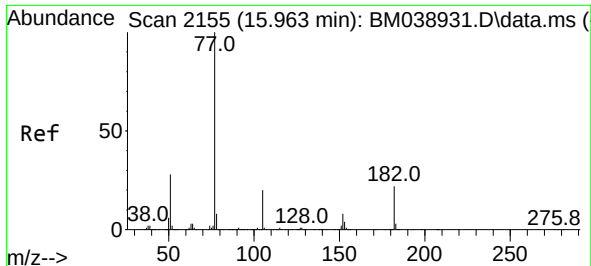
Tgt Ion:204 Resp: 1340442
Ion Ratio Lower Upper
204 100
206 32.4 26.4 39.6
141 56.8 46.4 69.6



#62
4-Nitroaniline
Concen: 36.369 ng
RT: 15.680 min Scan# 2107
Delta R.T. 0.006 min
Lab File: BM039067.D
Acq: 21 Mar 2023 13:48

Tgt Ion:138 Resp: 620517
Ion Ratio Lower Upper
138 100
92 50.2 31.6 71.6
108 74.3 58.6 98.6



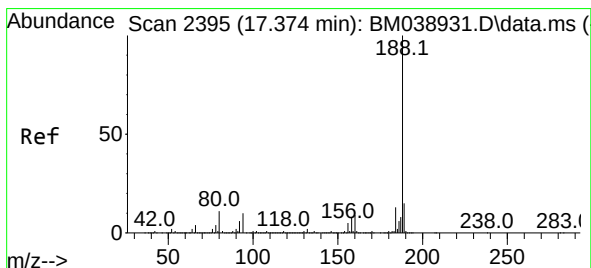
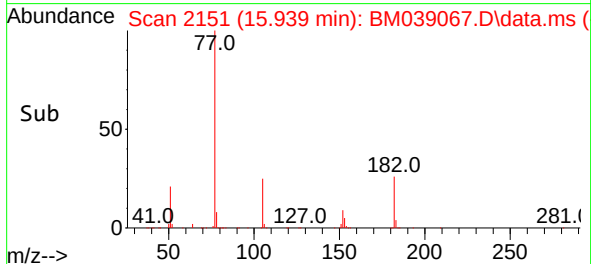
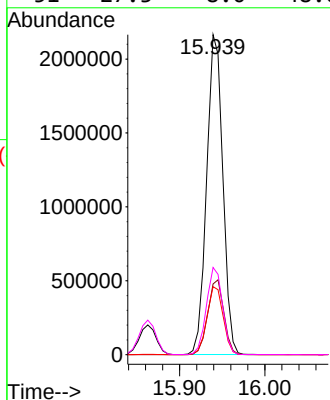
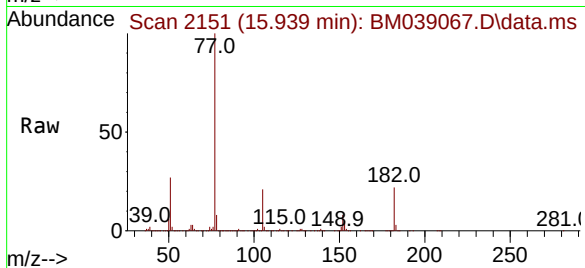


#63
Azobenzene
Concen: 42.205 ng
RT: 15.939 min Scan# 2155
Delta R.T. 0.000 min
Lab File: BM039067.D
Acq: 21 Mar 2023 13:48

Instrument :
BNA_M
ClientSampleId :
PB151485BS

Tgt Ion: 77 Resp: 2851789

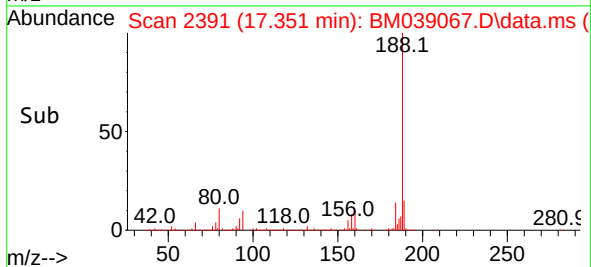
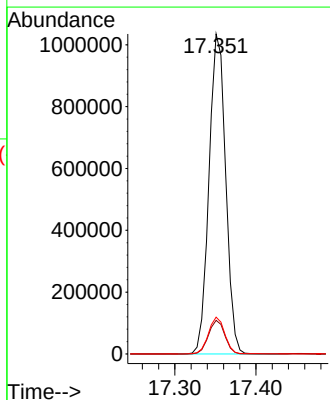
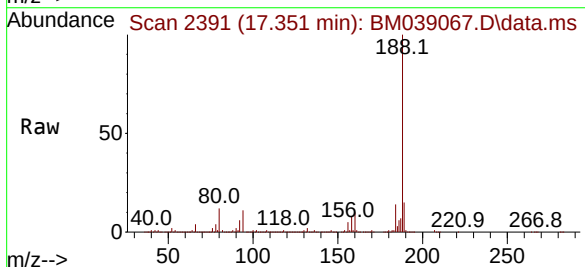
Ion	Ratio	Lower	Upper
77	100		
182	22.1	2.0	42.0
105	21.2	0.4	40.4
51	27.3	8.0	48.0

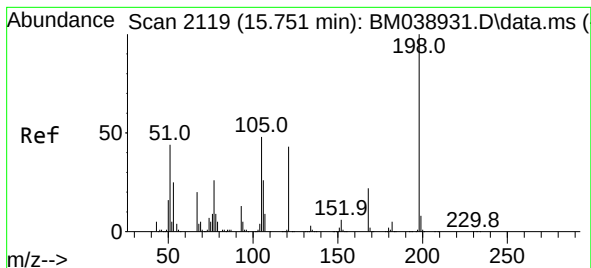


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.351 min Scan# 2391
Delta R.T. 0.000 min
Lab File: BM039067.D
Acq: 21 Mar 2023 13:48

Tgt Ion: 188 Resp: 1474764

Ion	Ratio	Lower	Upper
188	100		
94	10.5	7.9	11.9
80	11.5	8.5	12.7

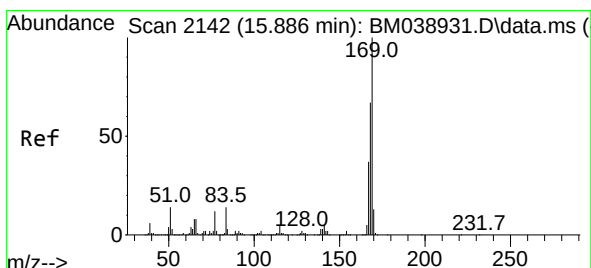
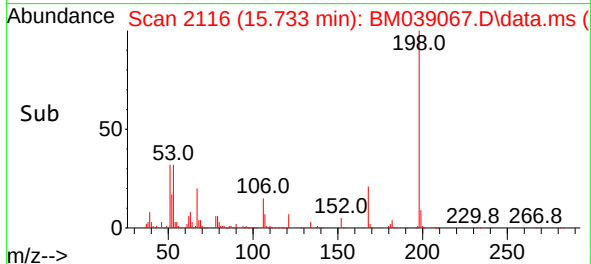
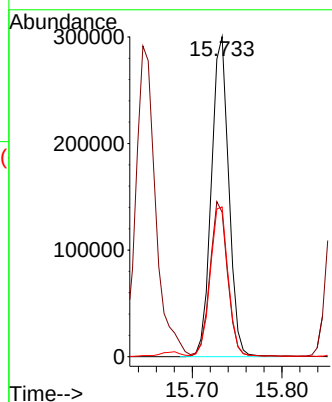
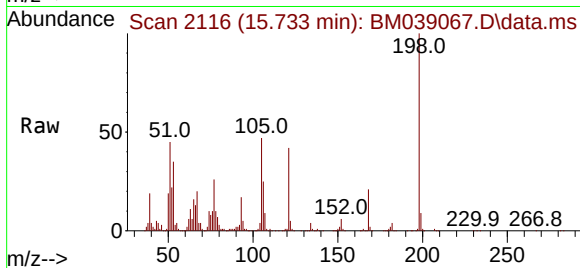




#65
4,6-Dinitro-2-methylphenol
Concen: 42.301 ng
RT: 15.733 min Scan# 2116
Delta R.T. 0.000 min
Lab File: BM039067.D
Acq: 21 Mar 2023 13:48

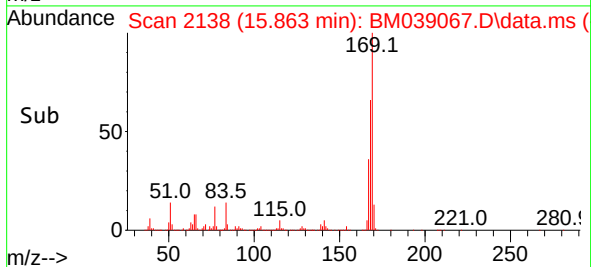
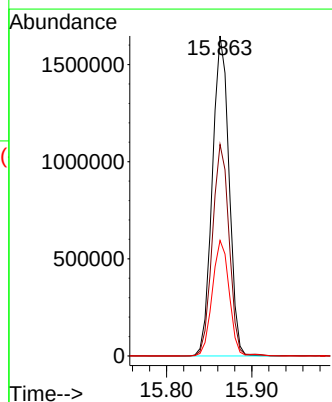
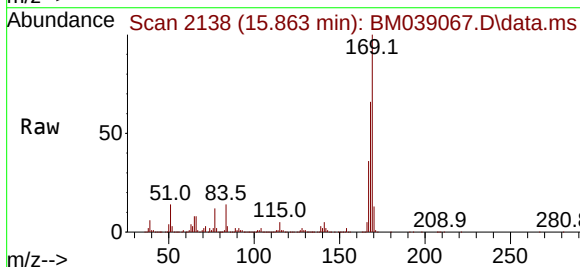
Instrument :
BNA_M
ClientSampleId :
PB151485BS

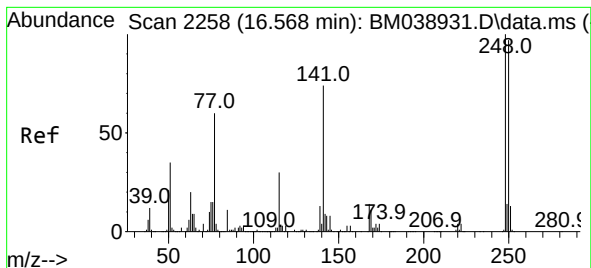
Tgt Ion:198 Resp: 403419
Ion Ratio Lower Upper
198 100
51 45.2 30.1 70.1
105 46.8 29.3 69.3



#66
n-Nitrosodiphenylamine
Concen: 45.112 ng
RT: 15.863 min Scan# 2138
Delta R.T. 0.000 min
Lab File: BM039067.D
Acq: 21 Mar 2023 13:48

Tgt Ion:169 Resp: 2242855
Ion Ratio Lower Upper
169 100
168 66.1 53.4 80.0
167 36.1 29.4 44.0

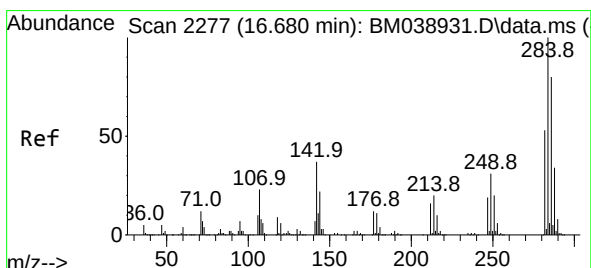
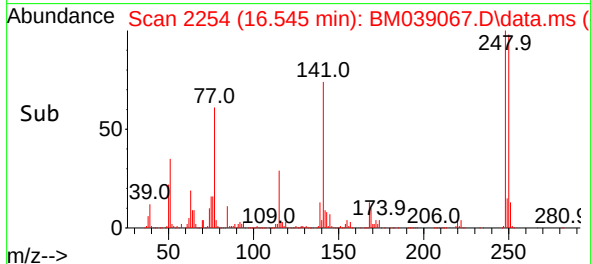
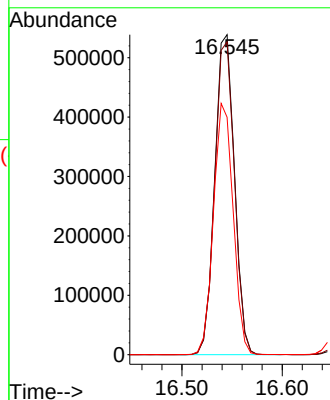
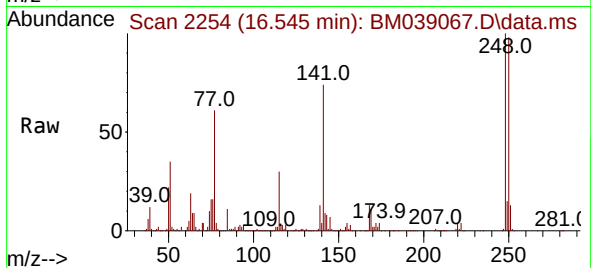




#67
4-Bromophenyl-phenylether
Concen: 46.238 ng
RT: 16.545 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM039067.D
Acq: 21 Mar 2023 13:48

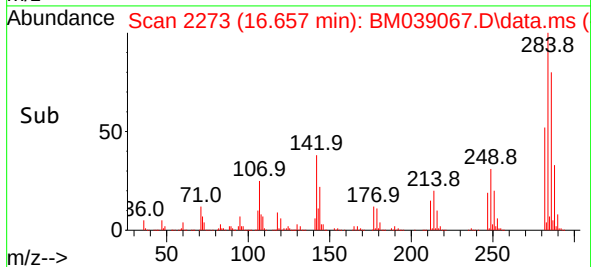
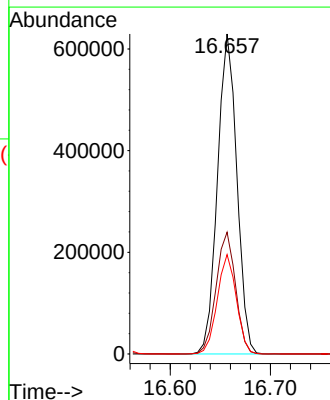
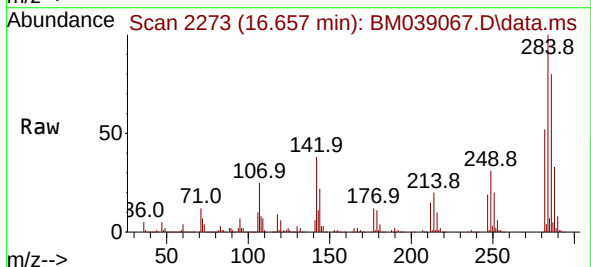
Instrument :
BNA_M
ClientSampleId :
PB151485BS

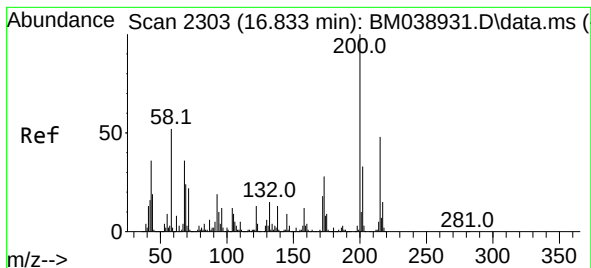
Tgt Ion:248 Resp: 736529
Ion Ratio Lower Upper
248 100
250 97.7 77.8 116.8
141 74.2 59.0 88.4



#68
Hexachlorobenzene
Concen: 47.384 ng
RT: 16.657 min Scan# 2273
Delta R.T. 0.000 min
Lab File: BM039067.D
Acq: 21 Mar 2023 13:48

Tgt Ion:284 Resp: 843769
Ion Ratio Lower Upper
284 100
142 38.1 29.5 44.3
249 31.1 25.0 37.4





#69

Atrazine

Concen: 50.406 ng

RT: 16.816 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM039067.D

Acq: 21 Mar 2023 13:48

Instrument :

BNA_M

ClientSampleId :

PB151485BS

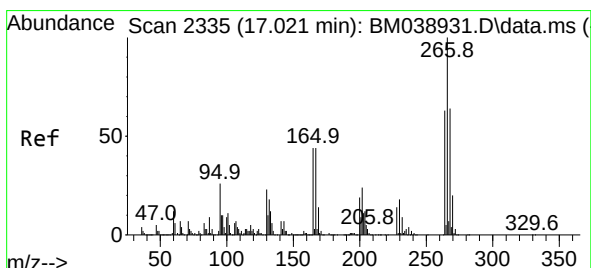
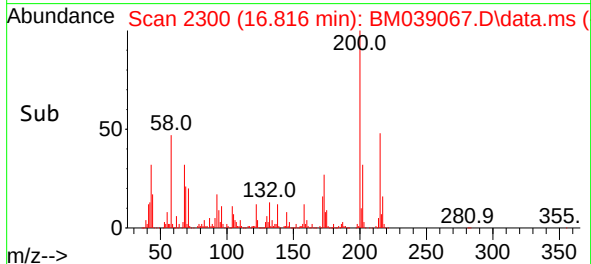
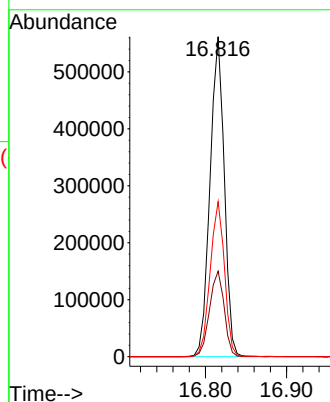
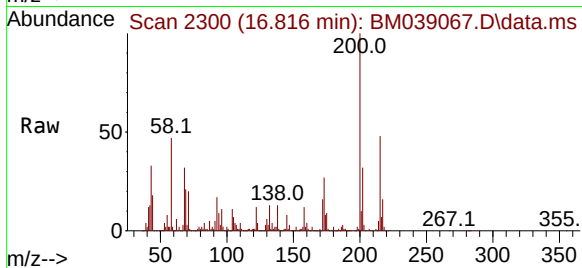
Tgt Ion:200 Resp: 684522

Ion Ratio Lower Upper

200 100

173 26.7 8.2 48.2

215 48.5 27.8 67.8



#70

Pentachlorophenol

Concen: 80.478 ng

RT: 17.004 min Scan# 2332

Delta R.T. 0.006 min

Lab File: BM039067.D

Acq: 21 Mar 2023 13:48

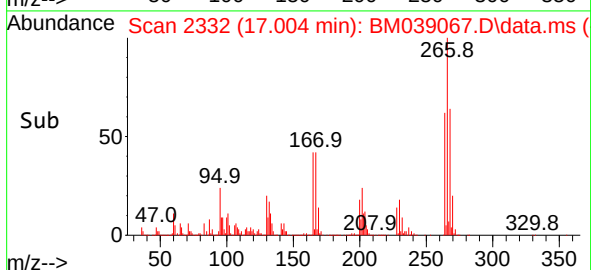
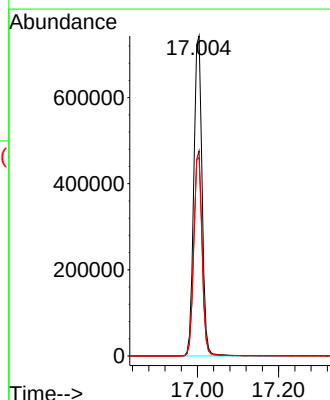
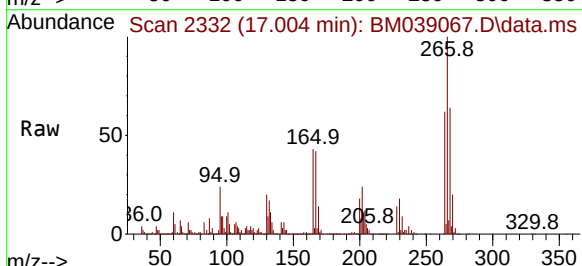
Tgt Ion:266 Resp: 1054029

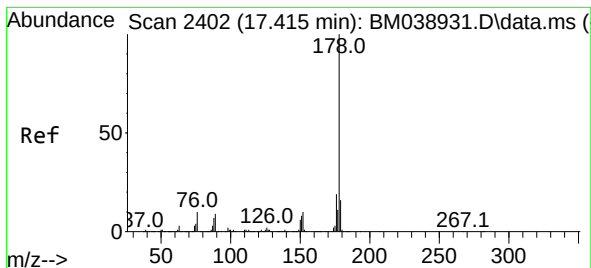
Ion Ratio Lower Upper

266 100

268 64.1 51.0 76.4

264 62.0 50.3 75.5





#71

Phenanthrene

Concen: 43.332 ng

RT: 17.398 min Scan# 2402

Delta R.T. 0.006 min

Lab File: BM039067.D

Acq: 21 Mar 2023 13:48

Instrument :

BNA_M

ClientSampleId :

PB151485BS

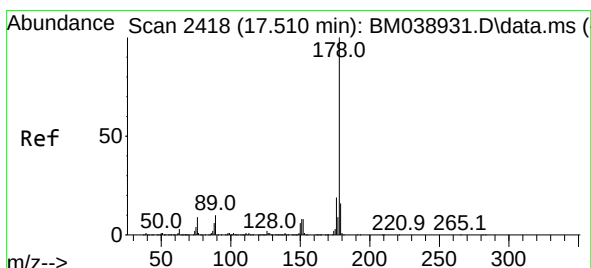
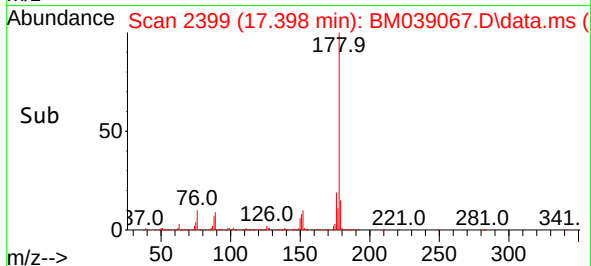
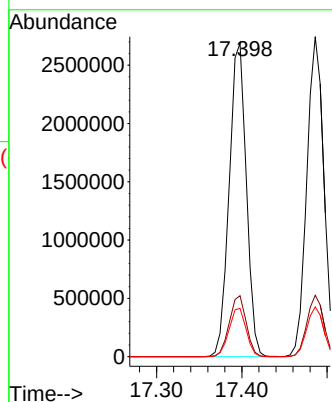
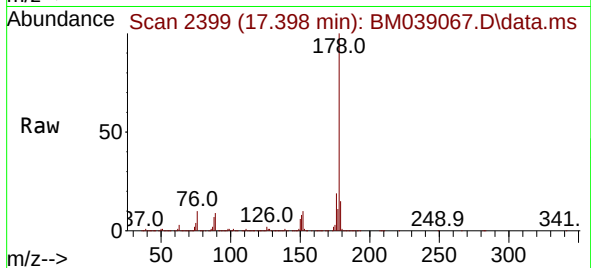
Tgt Ion:178 Resp: 3750579

Ion Ratio Lower Upper

178 100

176 19.4 15.6 23.4

179 15.4 12.5 18.7



#72

Anthracene

Concen: 44.138 ng

RT: 17.486 min Scan# 2414

Delta R.T. 0.000 min

Lab File: BM039067.D

Acq: 21 Mar 2023 13:48

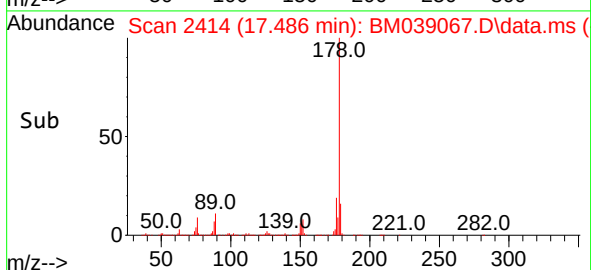
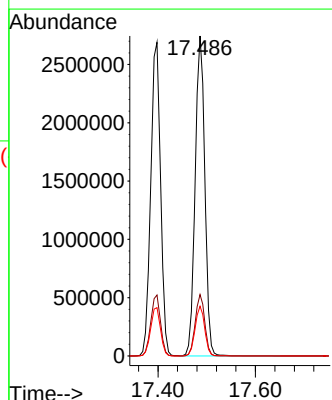
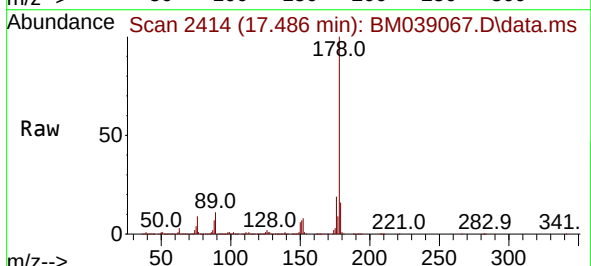
Tgt Ion:178 Resp: 3809866

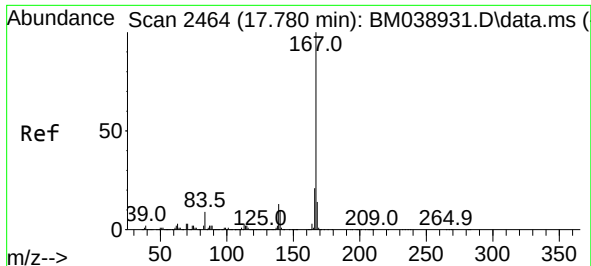
Ion Ratio Lower Upper

178 100

176 19.2 15.3 22.9

179 15.6 12.5 18.7

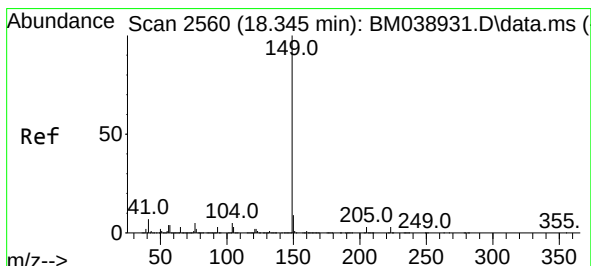
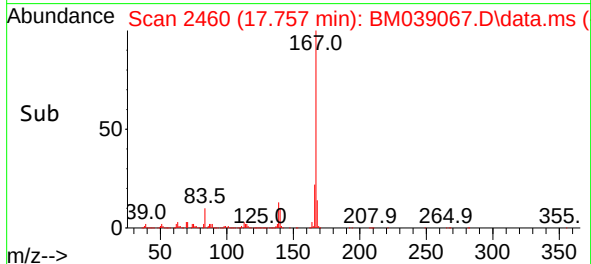
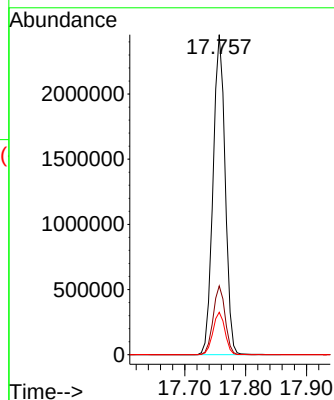
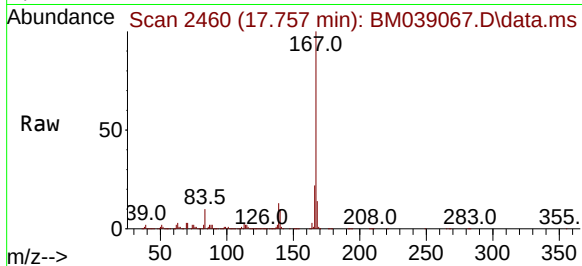




#73
 Carbazole
 Concen: 43.011 ng
 RT: 17.757 min Scan# 24
 Delta R.T. 0.000 min
 Lab File: BM039067.D
 Acq: 21 Mar 2023 13:48

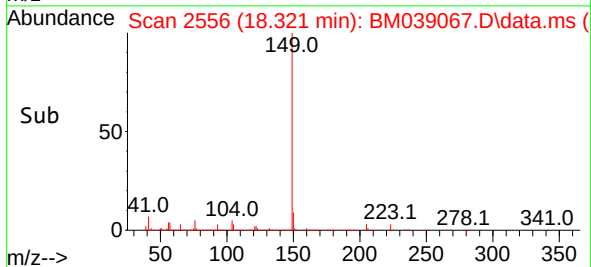
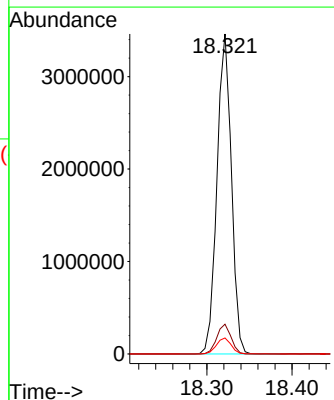
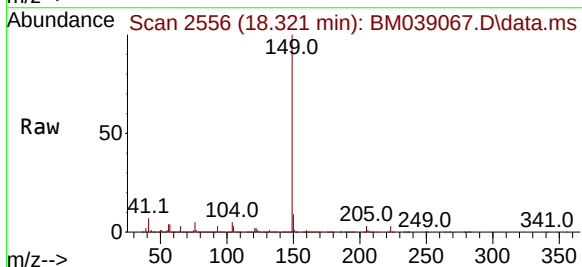
Instrument :
 BNA_M
 ClientSampleId :
 PB151485BS

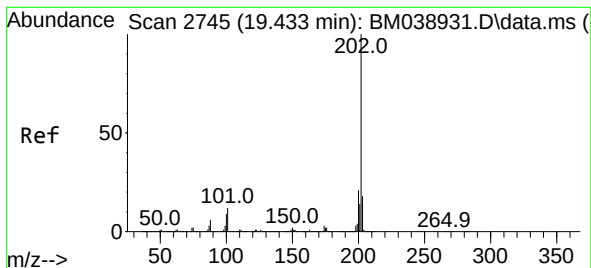
Tgt Ion:167 Resp: 3388312
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.0 25.4
 139 13.3 10.3 15.5



#74
 Di-n-butylphthalate
 Concen: 42.441 ng
 RT: 18.321 min Scan# 2556
 Delta R.T. 0.000 min
 Lab File: BM039067.D
 Acq: 21 Mar 2023 13:48

Tgt Ion:149 Resp: 4057100
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.4 11.2
 104 5.0 4.3 6.5





#75

Fluoranthene

Concen: 40.612 ng

RT: 19.410 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM039067.D

Acq: 21 Mar 2023 13:48

Instrument :

BNA_M

ClientSampleId :

PB151485BS

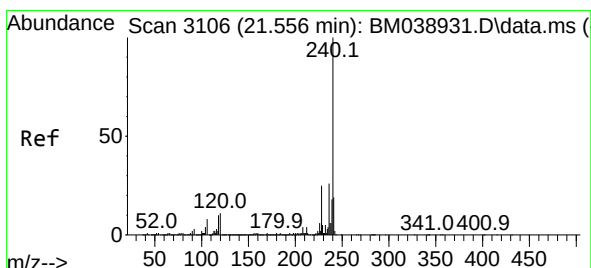
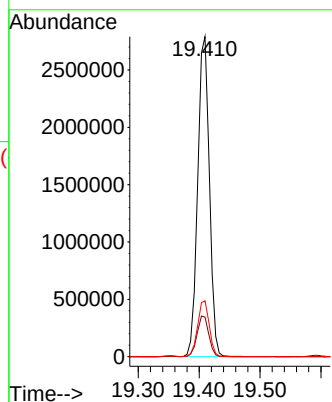
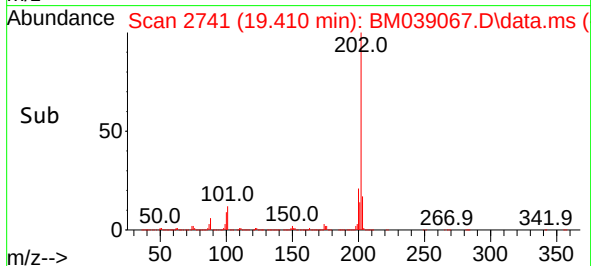
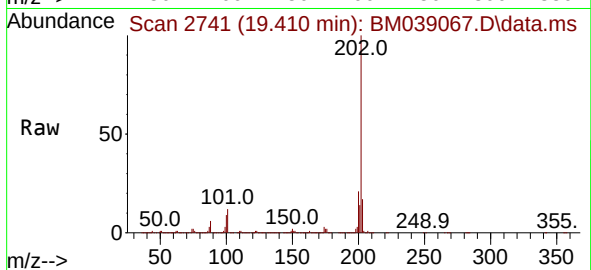
Tgt Ion:202 Resp: 3711432

Ion Ratio Lower Upper

202 100

101 12.4 0.0 31.7

203 17.5 0.0 37.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.533 min Scan# 3102

Delta R.T. 0.000 min

Lab File: BM039067.D

Acq: 21 Mar 2023 13:48

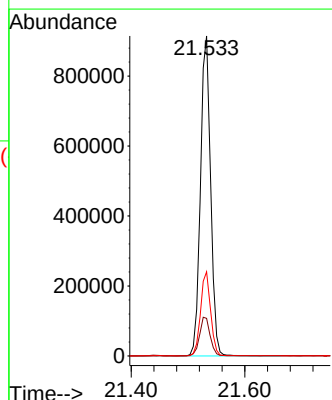
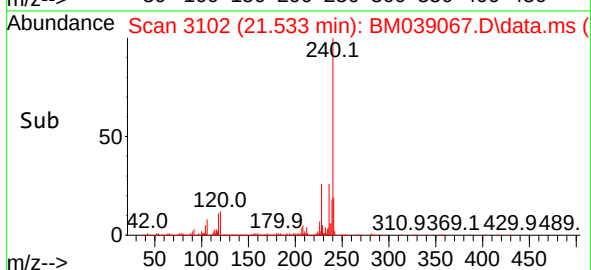
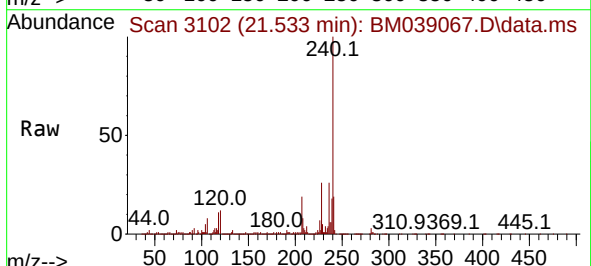
Tgt Ion:240 Resp: 1136583

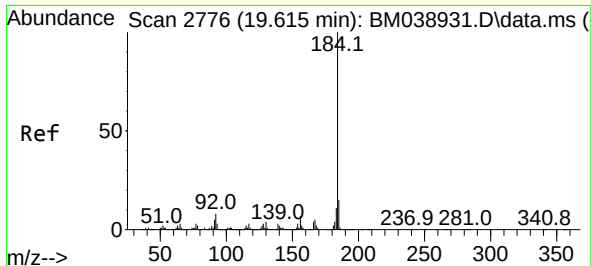
Ion Ratio Lower Upper

240 100

120 11.7 9.2 13.8

236 26.3 20.8 31.2

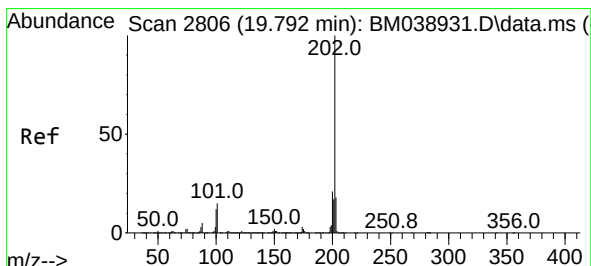
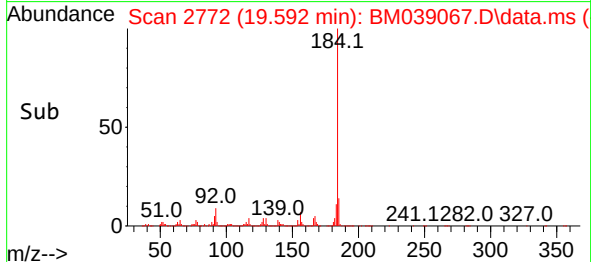
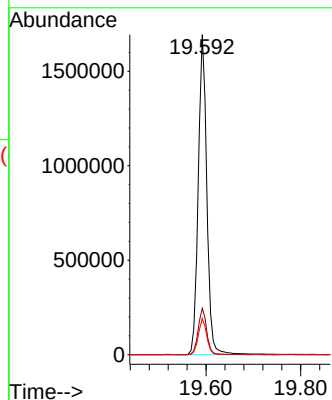
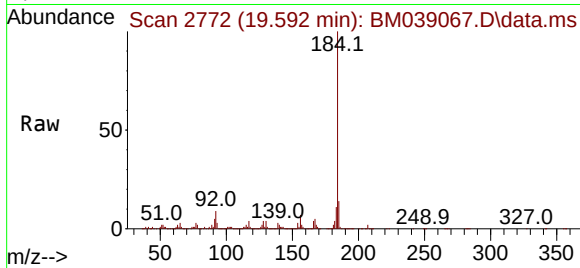




#77
Benzidine
Concen: 78.896 ng
RT: 19.592 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM039067.D
Acq: 21 Mar 2023 13:48

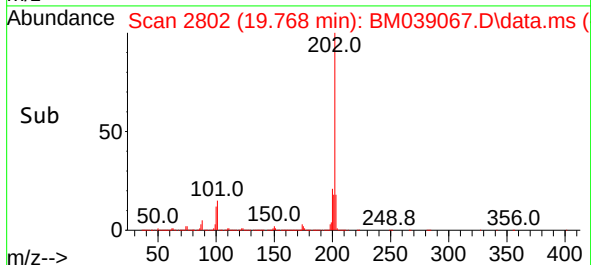
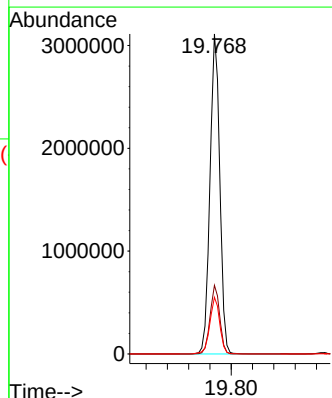
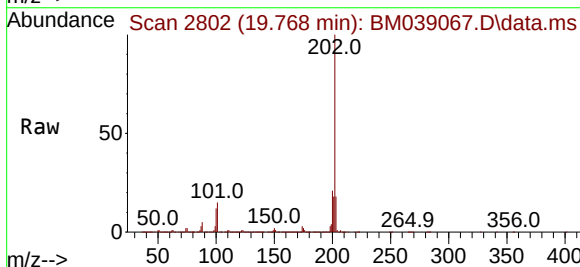
Instrument :
BNA_M
ClientSampleId :
PB151485BS

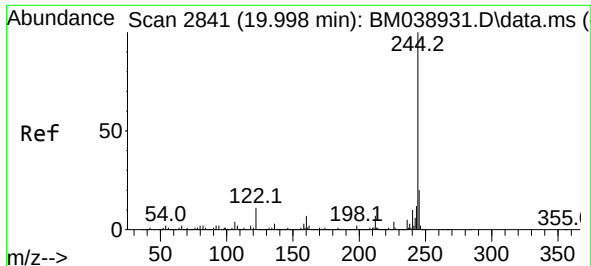
Tgt Ion:184 Resp: 2134519
Ion Ratio Lower Upper
184 100
185 14.5 12.2 18.4
183 11.3 8.8 13.2



#78
Pyrene
Concen: 46.383 ng
RT: 19.768 min Scan# 2802
Delta R.T. 0.000 min
Lab File: BM039067.D
Acq: 21 Mar 2023 13:48

Tgt Ion:202 Resp: 3959552
Ion Ratio Lower Upper
202 100
200 21.5 17.1 25.7
203 17.7 14.1 21.1

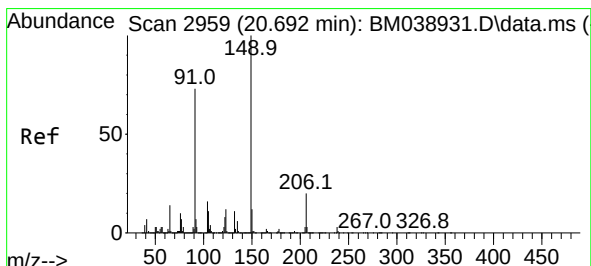
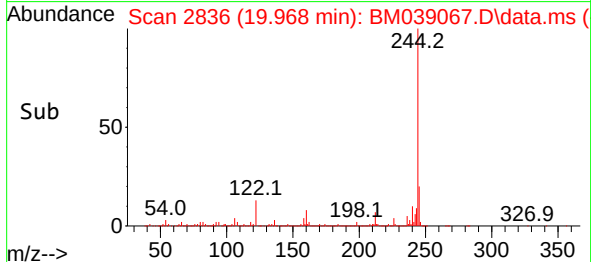
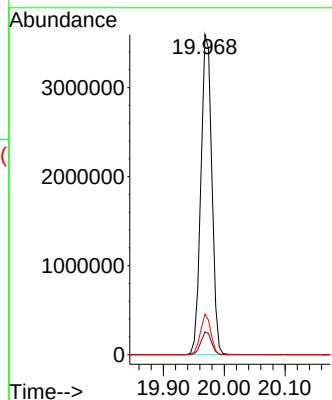
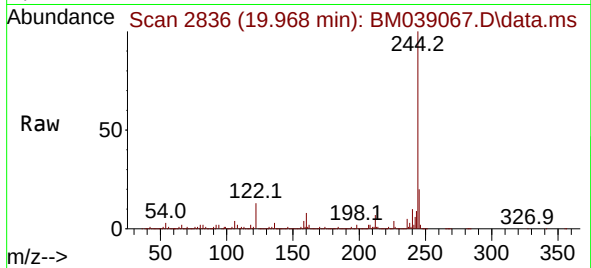




#79
 Terphenyl-d14
 Concen: 71.975 ng
 RT: 19.968 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BM039067.D
 Acq: 21 Mar 2023 13:48

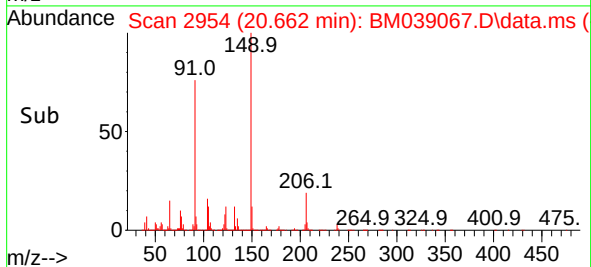
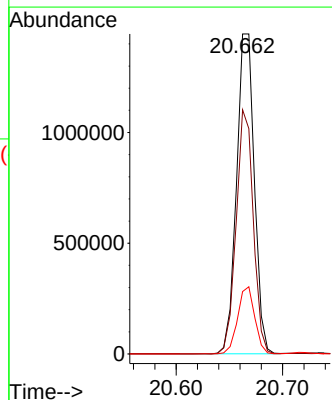
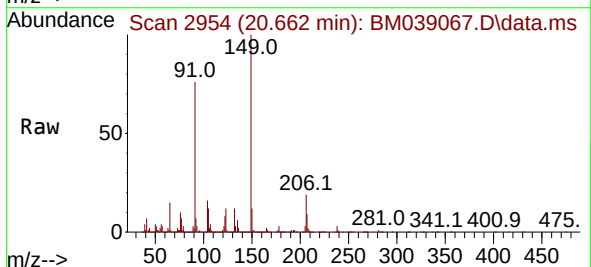
Instrument :
 BNA_M
 ClientSampleId :
 PB151485BS

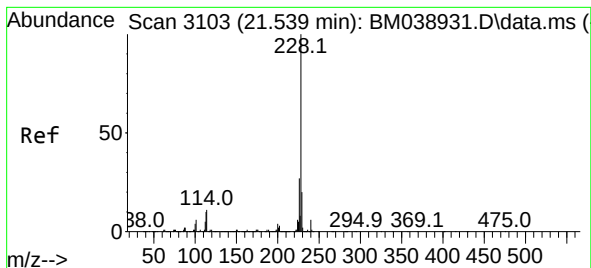
Tgt Ion:244 Resp: 4474336
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.5 8.3
 122 12.7 9.0 13.4



#80
 Butylbenzylphthalate
 Concen: 46.572 ng
 RT: 20.662 min Scan# 2954
 Delta R.T. 0.000 min
 Lab File: BM039067.D
 Acq: 21 Mar 2023 13:48

Tgt Ion:149 Resp: 1686648
 Ion Ratio Lower Upper
 149 100
 91 76.3 58.4 87.6
 206 19.5 16.1 24.1





#81

Benzo(a)anthracene

Concen: 44.757 ng

RT: 21.515 min Scan# 3088

Delta R.T. 0.000 min

Lab File: BM039067.D

Acq: 21 Mar 2023 13:48

Instrument :

BNA_M

ClientSampleId :

PB151485BS

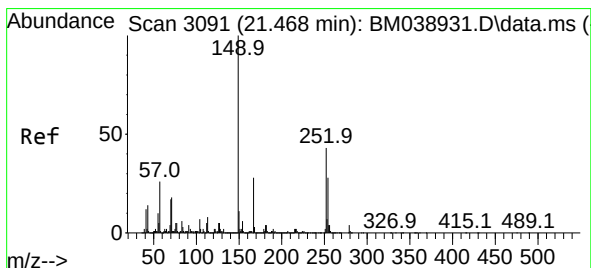
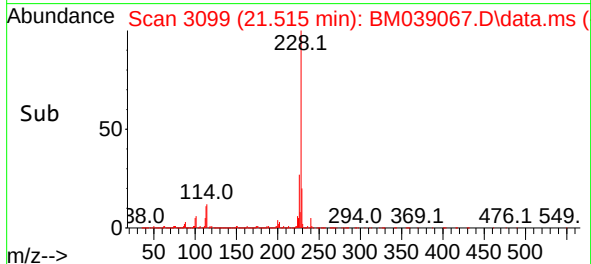
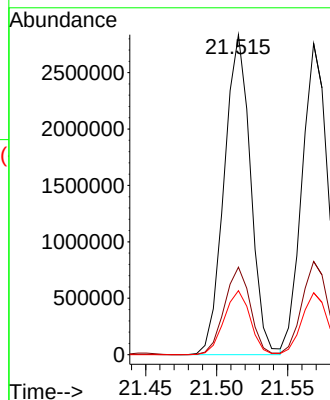
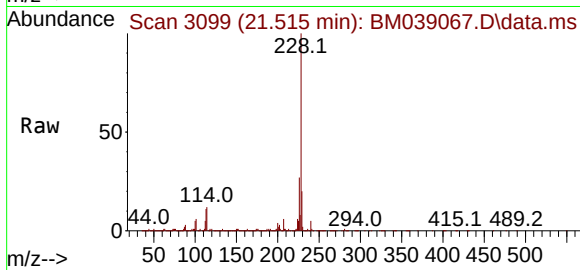
Tgt Ion:228 Resp: 3663363

Ion Ratio Lower Upper

228 100

226 27.4 21.4 32.2

229 20.0 15.7 23.5



#82

3,3'-Dichlorobenzidine

Concen: 43.106 ng

RT: 21.451 min Scan# 3088

Delta R.T. 0.006 min

Lab File: BM039067.D

Acq: 21 Mar 2023 13:48

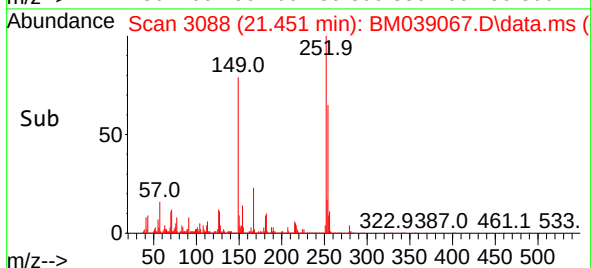
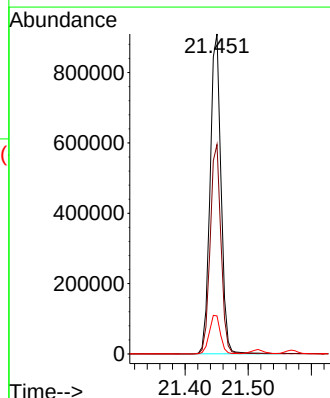
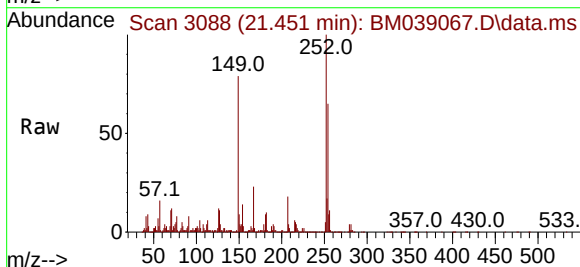
Tgt Ion:252 Resp: 1084357

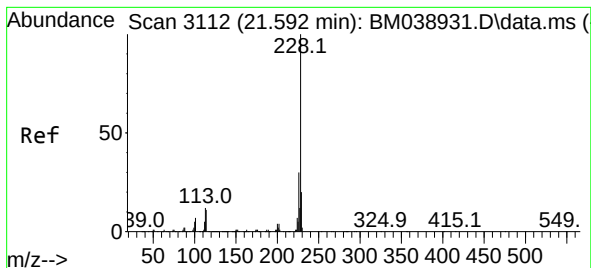
Ion Ratio Lower Upper

252 100

254 65.4 51.5 77.3

126 11.9 9.9 14.9





#83

Chrysene

Concen: 43.634 ng

RT: 21.568 min Scan# 3112

Delta R.T. 0.000 min

Lab File: BM039067.D

Acq: 21 Mar 2023 13:48

Instrument :

BNA_M

ClientSampleId :

PB151485BS

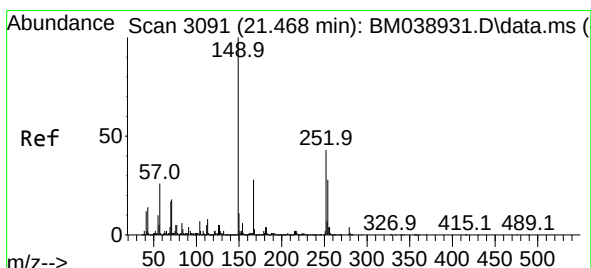
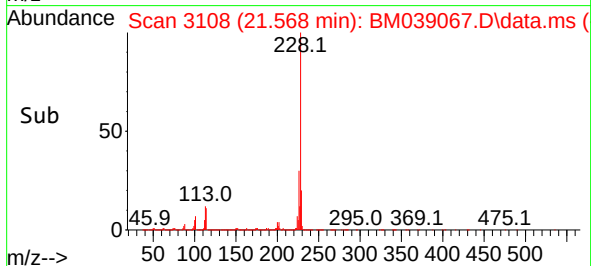
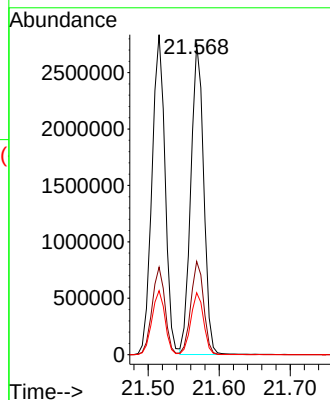
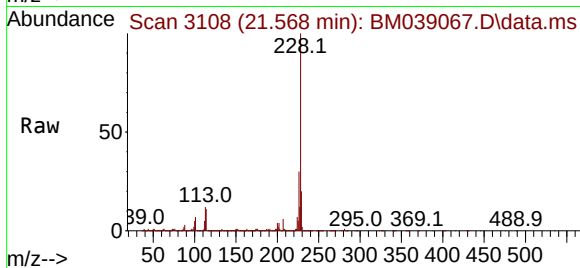
Tgt Ion:228 Resp: 3473551

Ion Ratio Lower Upper

228 100

226 29.9 24.0 36.0

229 19.9 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.664 ng

RT: 21.439 min Scan# 3086

Delta R.T. 0.000 min

Lab File: BM039067.D

Acq: 21 Mar 2023 13:48

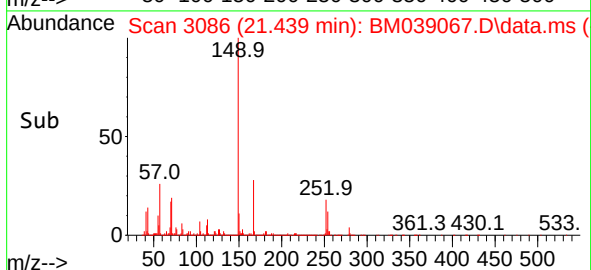
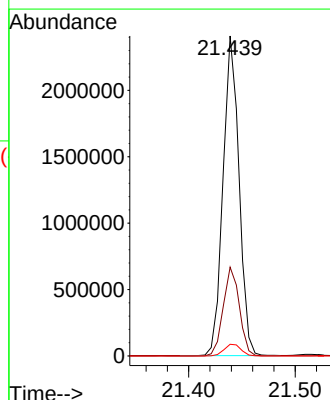
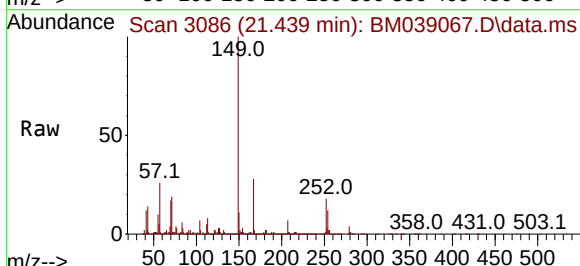
Tgt Ion:149 Resp: 2500569

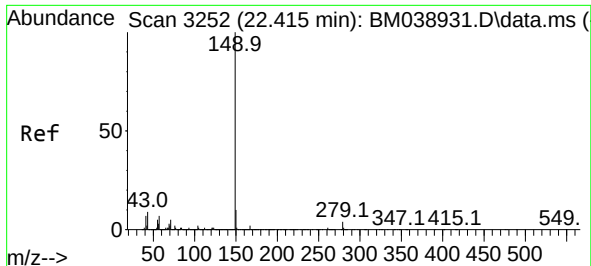
Ion Ratio Lower Upper

149 100

167 27.7 22.3 33.5

279 3.7 3.2 4.8

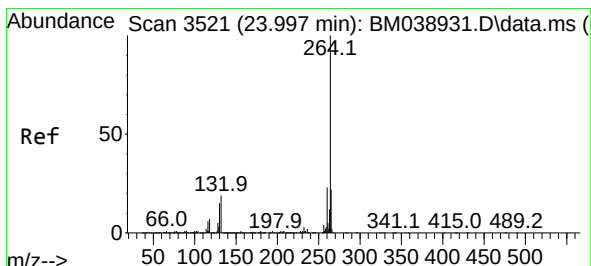
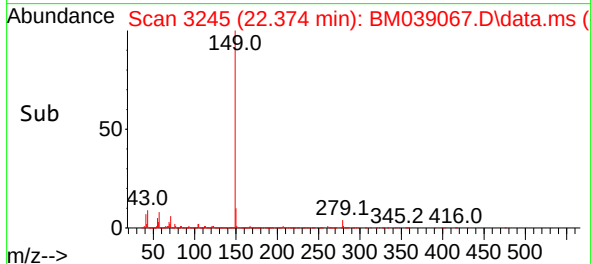
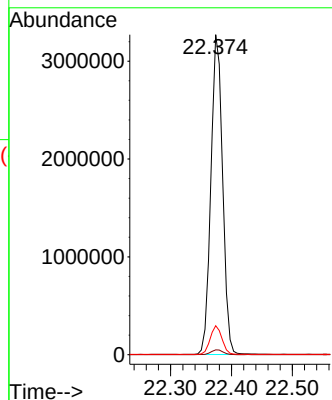
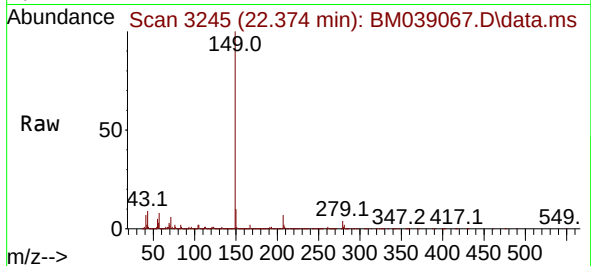




#85
Di-n-octyl phthalate
Concen: 49.946 ng
RT: 22.374 min Scan# 31
Delta R.T. 0.000 min
Lab File: BM039067.D
Acq: 21 Mar 2023 13:48

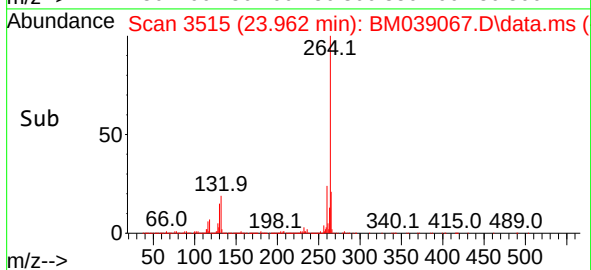
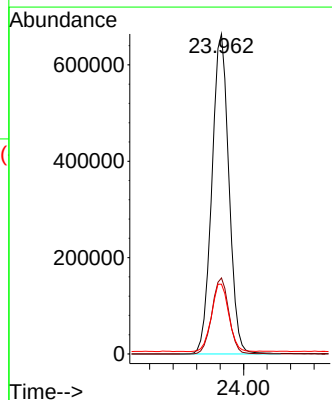
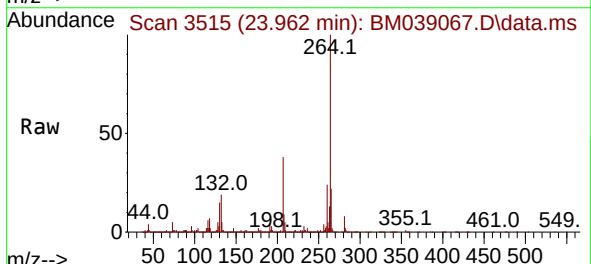
Instrument :
BNA_M
ClientSampleId :
PB151485BS

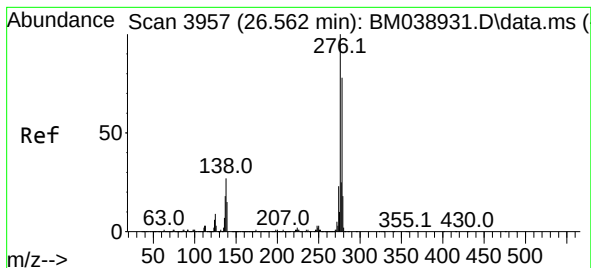
Tgt Ion:149 Resp: 4364585
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 9.0 7.4 11.2



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.962 min Scan# 3515
Delta R.T. 0.000 min
Lab File: BM039067.D
Acq: 21 Mar 2023 13:48

Tgt Ion:264 Resp: 1334132
Ion Ratio Lower Upper
264 100
260 23.7 18.7 28.1
265 21.8 17.9 26.9





#87

Indeno(1,2,3-cd)pyrene

Concen: 47.918 ng

RT: 26.497 min Scan# 3946

Delta R.T. 0.000 min

Lab File: BM039067.D

Acq: 21 Mar 2023 13:48

Instrument :

BNA_M

ClientSampleId :

PB151485BS

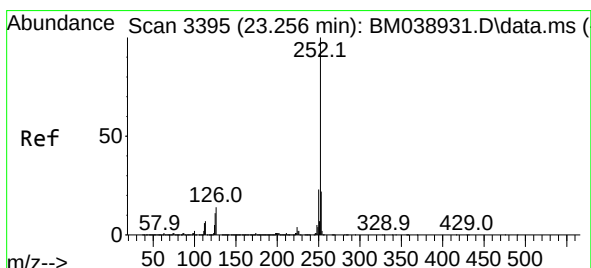
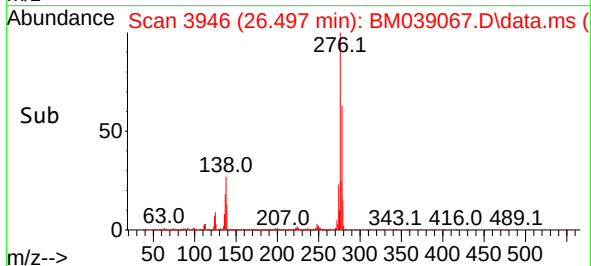
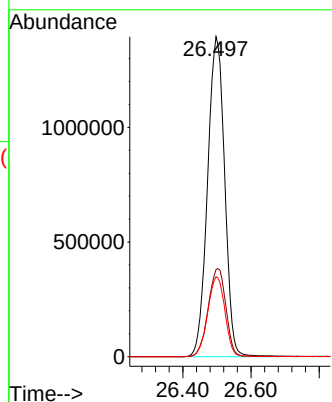
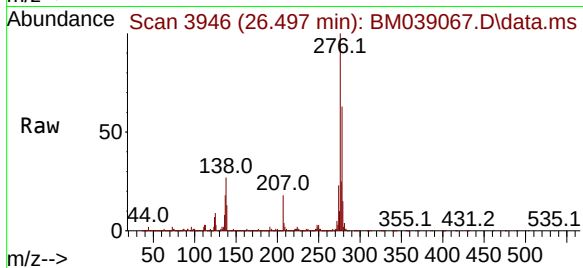
Tgt Ion:276 Resp: 4864528

Ion Ratio Lower Upper

276 100

138 28.5 22.1 33.1

277 25.3 20.1 30.1



#88

Benzo(b)fluoranthene

Concen: 45.222 ng

RT: 23.221 min Scan# 3389

Delta R.T. 0.000 min

Lab File: BM039067.D

Acq: 21 Mar 2023 13:48

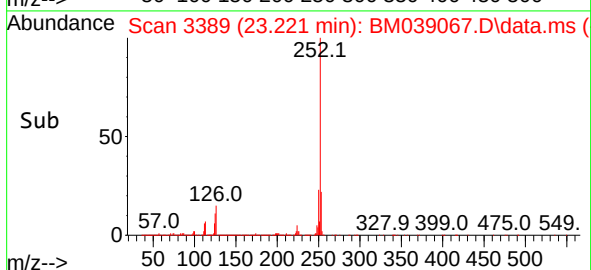
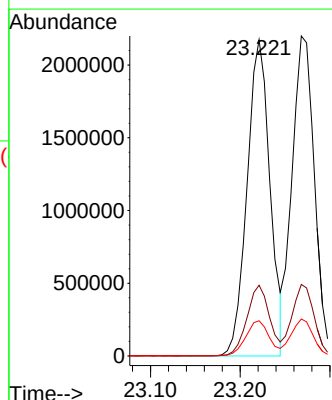
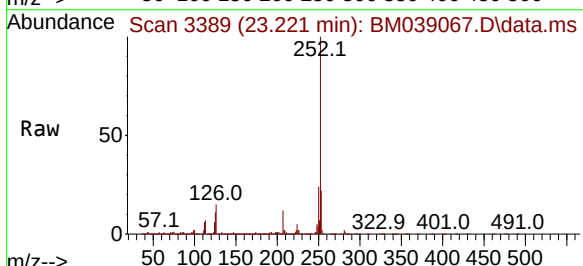
Tgt Ion:252 Resp: 3854432

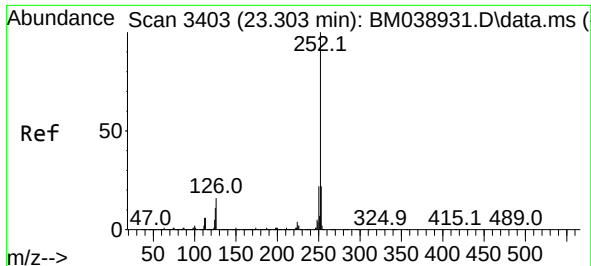
Ion Ratio Lower Upper

252 100

253 22.4 17.6 26.4

125 11.1 8.8 13.2

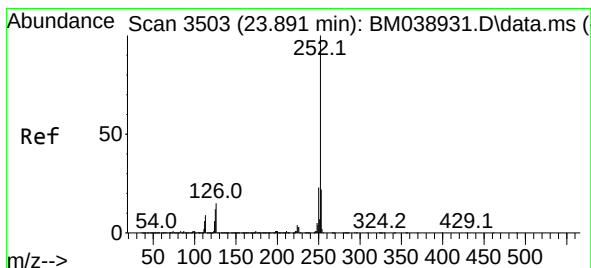
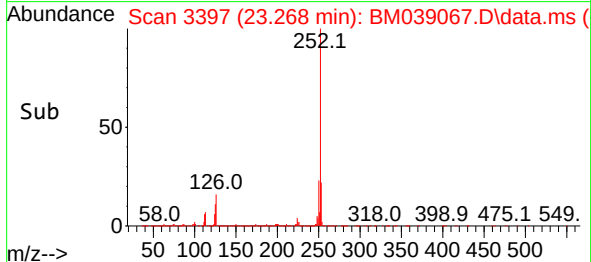
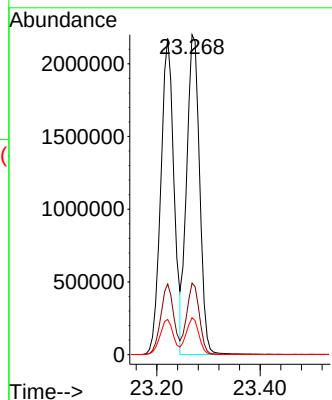
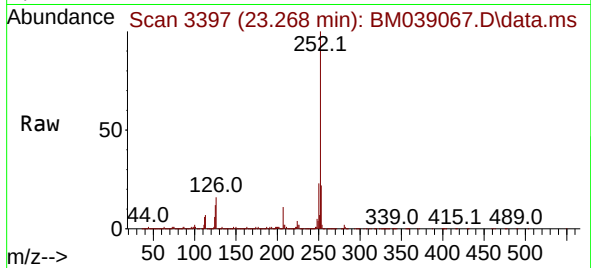




#89
Benzo(k)fluoranthene
Concen: 43.067 ng
RT: 23.268 min Scan# 31
Delta R.T. 0.000 min
Lab File: BM039067.D
Acq: 21 Mar 2023 13:48

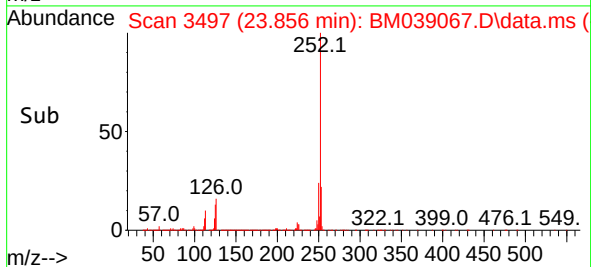
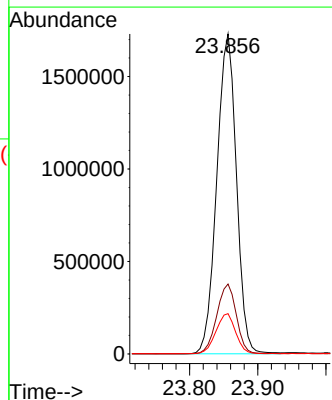
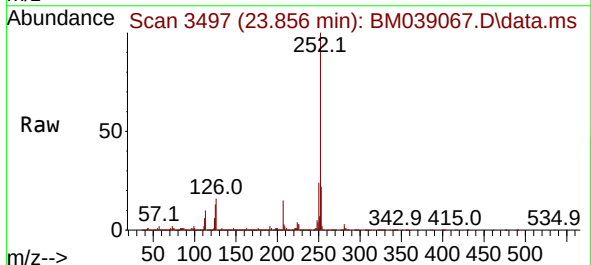
Instrument :
BNA_M
ClientSampleId :
PB151485BS

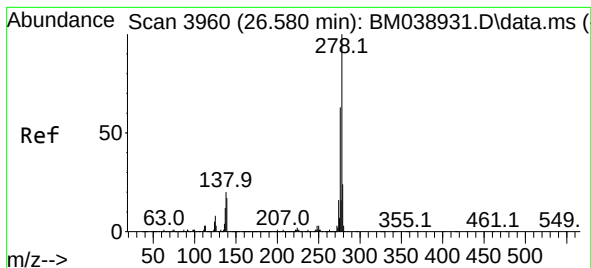
Tgt Ion:252 Resp: 3820148
Ion Ratio Lower Upper
252 100
253 22.4 17.5 26.3
125 11.6 8.9 13.3



#90
Benzo(a)pyrene
Concen: 42.234 ng
RT: 23.856 min Scan# 3497
Delta R.T. 0.000 min
Lab File: BM039067.D
Acq: 21 Mar 2023 13:48

Tgt Ion:252 Resp: 3464460
Ion Ratio Lower Upper
252 100
253 21.9 17.6 26.4
125 12.6 9.8 14.8





#91

Dibenzo(a,h)anthracene

Concen: 47.530 ng

RT: 26.515 min Scan# 3949

Delta R.T. 0.006 min

Lab File: BM039067.D

Acq: 21 Mar 2023 13:48

Instrument :

BNA_M

ClientSampleId :

PB151485BS

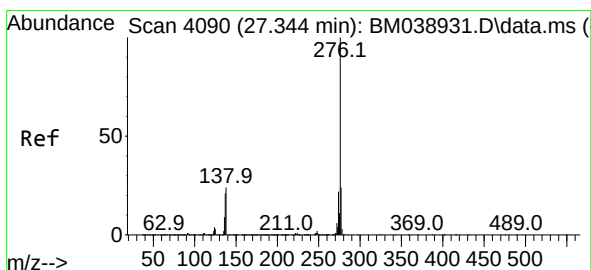
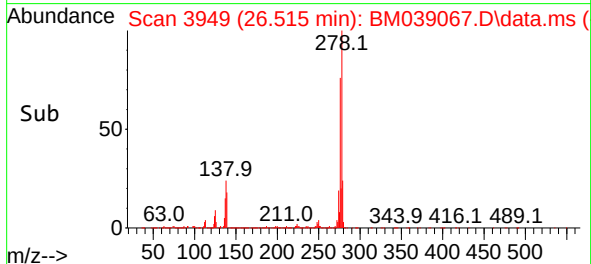
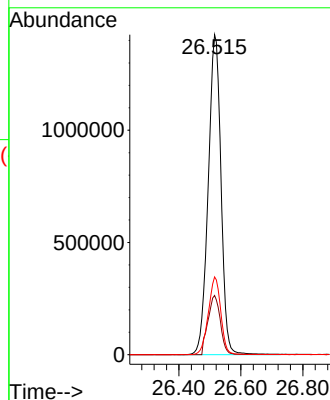
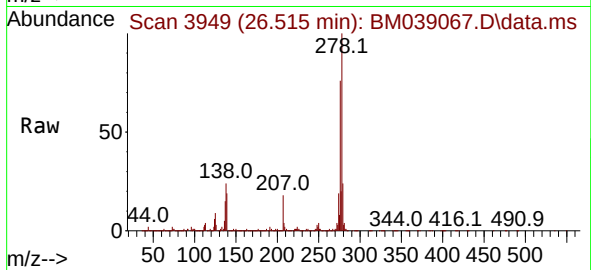
Tgt Ion:278 Resp: 4086302

Ion Ratio Lower Upper

278 100

139 18.5 13.7 20.5

279 24.3 18.9 28.3



#92

Benzo(g,h,i)perylene

Concen: 47.907 ng

RT: 27.280 min Scan# 4079

Delta R.T. 0.006 min

Lab File: BM039067.D

Acq: 21 Mar 2023 13:48

Tgt Ion:276 Resp: 4029603

Ion Ratio Lower Upper

276 100

277 23.5 19.3 28.9

138 24.8 19.0 28.6

