

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122722\
 Data File : BM038325.D
 Acq On : 27 Dec 2022 21:11
 Operator : CG/JU
 Sample : PB149775BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB149775BS

Quant Time: Dec 28 02:13:07 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM122722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 28 01:33:07 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.010	152	93772	20.000	ng	0.00
21) Naphthalene-d8	10.828	136	343146	20.000	ng	0.00
39) Acenaphthene-d10	14.645	164	208877	20.000	ng	0.00
64) Phenanthrene-d10	17.386	188	425282	20.000	ng	0.00
76) Chrysene-d12	21.551	240	411755	20.000	ng	-0.01
86) Perylene-d12	23.992	264	382783	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.563	112	529474	93.604	ng	0.00
7) Phenol-d6	7.175	99	646617	87.036	ng	0.00
23) Nitrobenzene-d5	9.187	82	667045	85.134	ng	0.00
42) 2,4,6-Tribromophenol	16.127	330	264017	82.971	ng	0.00
45) 2-Fluorobiphenyl	13.269	172	1462538	88.109	ng	0.00
79) Terphenyl-d14	19.992	244	2091276	96.005	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.411	88	88399	33.201	ng	99
3) Pyridine	3.822	79	240744	33.233	ng	98
4) n-Nitrosodimethylamine	3.734	42	147122	42.630	ng	97
6) Aniline	7.340	93	321902	33.966	ng	98
8) 2-Chlorophenol	7.575	128	262887	44.438	ng	99
9) Benzaldehyde	7.151	77	129695	24.381	ng	98
10) Phenol	7.204	94	339866	44.058	ng	99
11) bis(2-Chloroethyl)ether	7.434	93	270080	42.657	ng	98
12) 1,3-Dichlorobenzene	7.898	146	286100	43.805	ng	97
13) 1,4-Dichlorobenzene	8.046	146	294483	44.689	ng	99
14) 1,2-Dichlorobenzene	8.363	146	284213	44.069	ng	98
15) Benzyl Alcohol	8.257	79	248291	44.586	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.545	45	372853	42.037	ng	99
17) 2-Methylphenol	8.463	107	217167	40.010	ng	98
18) Hexachloroethane	9.092	117	117683	46.182	ng	99
19) n-Nitroso-di-n-propyla...	8.828	70	220592	41.030	ng	97
20) 3+4-Methylphenols	8.793	107	292413	40.302	ng	99
22) Acetophenone	8.845	105	411464	42.398	ng	98
24) Nitrobenzene	9.228	77	329647	40.514	ng	98
25) Isophorone	9.757	82	564882	40.102	ng	100
26) 2-Nitrophenol	9.940	139	139686	44.014	ng	99
27) 2,4-Dimethylphenol	9.998	122	222698	42.068	ng	99
28) bis(2-Chloroethoxy)met...	10.234	93	342759	41.750	ng	100
29) 2,4-Dichlorophenol	10.475	162	250217	43.288	ng	99
30) 1,2,4-Trichlorobenzene	10.687	180	288701	43.427	ng	98
31) Naphthalene	10.875	128	757818	41.563	ng	100
32) Benzoic acid	10.139	122	159849	40.097	ng	98
33) 4-Chloroaniline	10.992	127	180420	23.231	ng	98
34) Hexachlorobutadiene	11.151	225	193858	44.899	ng	98
35) Caprolactam	11.786	113	62083	36.844	ng	97
36) 4-Chloro-3-methylphenol	12.110	107	248113	40.671	ng	98
37) 2-Methylnaphthalene	12.481	142	525646	40.196	ng	100
38) 1-Methylnaphthalene	12.698	142	498203	40.457	ng	98
40) 1,2,4,5-Tetrachloroben...	12.845	216	343297	44.496	ng	98
41) Hexachlorocyclopentadiene	12.816	237	464645	110.154	ng	100
43) 2,4,6-Trichlorophenol	13.086	196	213090	42.216	ng	97

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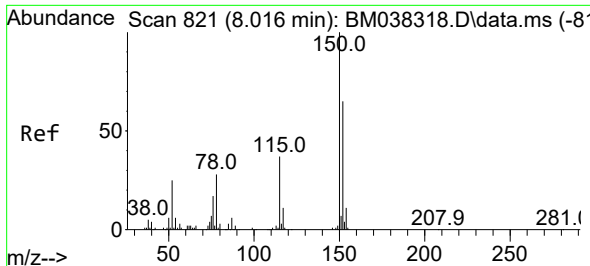
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.157	196	227270	38.648	ng	96
46) 1,1'-Biphenyl	13.480	154	704218	42.709	ng	99
47) 2-Chloronaphthalene	13.528	162	571062	43.876	ng	99
48) 2-Nitroaniline	13.733	65	174391	39.885	ng	97
49) Acenaphthylene	14.369	152	821841	40.005	ng	99
50) Dimethylphthalate	14.104	163	642842	38.664	ng	100
51) 2,6-Dinitrotoluene	14.227	165	137657	39.280	ng	97
52) Acenaphthene	14.710	154	504485	40.726	ng	99
53) 3-Nitroaniline	14.557	138	96092	26.820	ng	98
54) 2,4-Dinitrophenol	14.769	184	199594	74.246	ng	96
55) Dibenzofuran	15.039	168	820484	39.788	ng	99
56) 4-Nitrophenol	14.869	139	236156	81.934	ng	96
57) 2,4-Dinitrotoluene	15.010	165	190184	39.869	ng	92
58) Fluorene	15.686	166	690539	40.675	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.269	232	199387	40.066	ng	99
60) Diethylphthalate	15.457	149	637297	38.499	ng	99
61) 4-Chlorophenyl-phenyle...	15.680	204	363894	40.720	ng	99
62) 4-Nitroaniline	15.716	138	129204	35.215	ng	99
63) Azobenzene	15.969	77	680555	39.523	ng	99
65) 4,6-Dinitro-2-methylph...	15.774	198	121475	42.073	ng	95
66) n-Nitrosodiphenylamine	15.892	169	556616	43.416	ng	100
67) 4-Bromophenyl-phenylether	16.568	248	214882	44.913	ng	96
68) Hexachlorobenzene	16.686	284	248740	46.928	ng	98
69) Atrazine	16.839	200	197321	44.794	ng	97
70) Pentachlorophenol	17.033	266	316211	82.048	ng	99
71) Phenanthrene	17.427	178	1023781	43.136	ng	100
72) Anthracene	17.515	178	1025981	42.272	ng	100
73) Carbazole	17.792	167	903732	42.335	ng	100
74) Di-n-butylphthalate	18.339	149	1034801	42.450	ng	100
75) Fluoranthene	19.433	202	1181327	40.255	ng	99
77) Benzidine	19.621	184	372637	31.690	ng	99
78) Pyrene	19.798	202	1239726	42.888	ng	100
80) Butylbenzylphthalate	20.680	149	434099	41.097	ng	99
81) Benzo(a)anthracene	21.539	228	1197481	40.320	ng	98
82) 3,3'-Dichlorobenzidine	21.468	252	369886	37.315	ng	97
83) Chrysene	21.592	228	1141132	39.284	ng	99
84) Bis(2-ethylhexyl)phtha...	21.445	149	610702	41.372	ng	99
85) Di-n-octyl phthalate	22.380	149	1031998	39.262	ng	99
87) Indeno(1,2,3-cd)pyrene	26.538	276	1313250	46.853	ng	100
88) Benzo(b)fluoranthene	23.245	252	1152638	48.406	ng	99
89) Benzo(k)fluoranthene	23.292	252	1170477	47.369	ng	99
90) Benzo(a)pyrene	23.886	252	1002619	42.879	ng	98
91) Dibenzo(a,h)anthracene	26.550	278	1106508	47.824	ng	99
92) Benzo(g,h,i)perylene	27.332	276	1128770	48.142	ng	99

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

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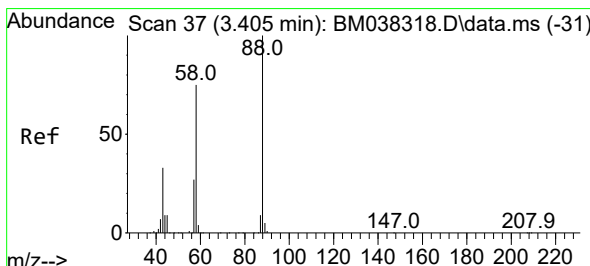
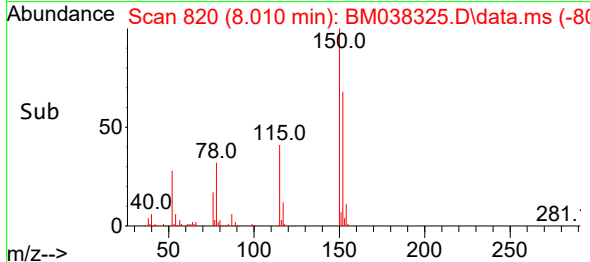
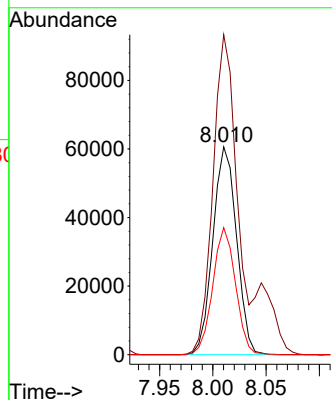
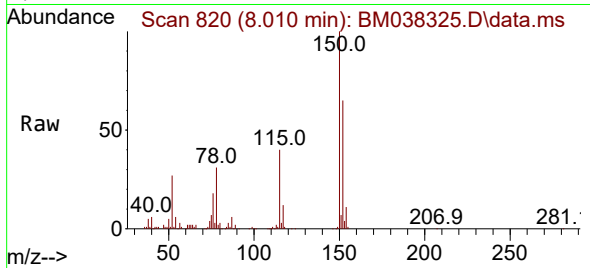




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.010 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BM038325.D
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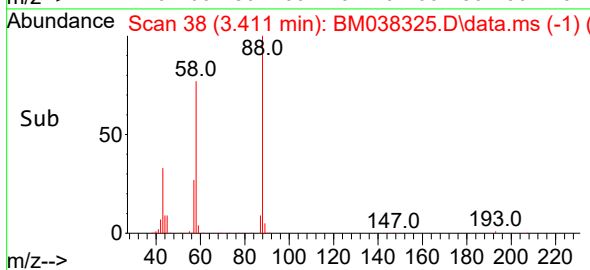
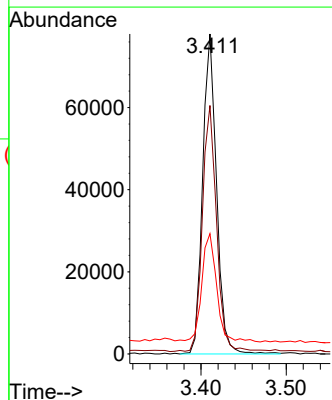
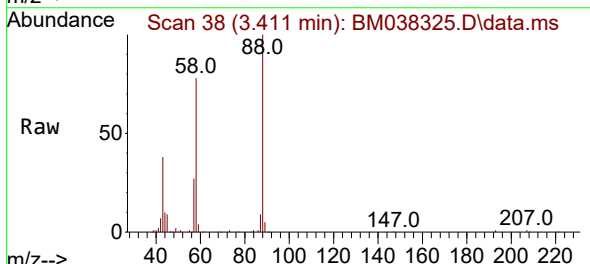
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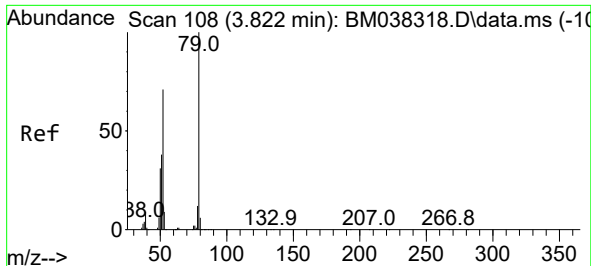
Tgt Ion:152 Resp: 93772
 Ion Ratio Lower Upper
 152 100
 150 154.0 123.0 184.6
 115 61.1 45.4 68.2



#2
 1,4-Dioxane
 Concen: 33.201 ng
 RT: 3.411 min Scan# 38
 Delta R.T. 0.006 min
 Lab File: BM038325.D
 Acq: 27 Dec 2022 21:11

Tgt Ion: 88 Resp: 88399
 Ion Ratio Lower Upper
 88 100
 58 78.1 62.3 93.5
 43 35.9 28.2 42.4

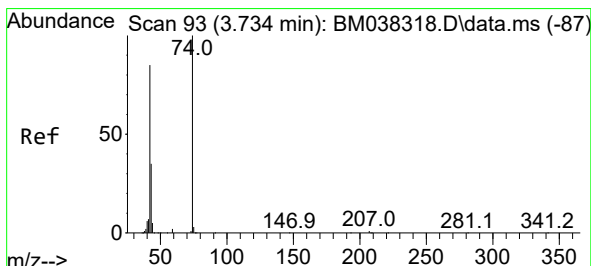
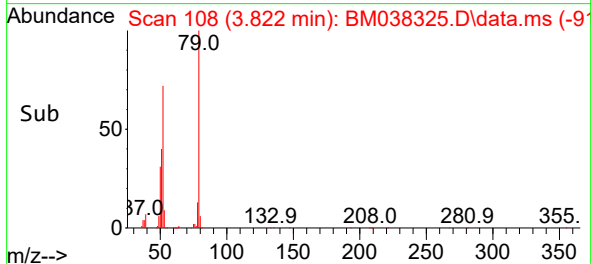
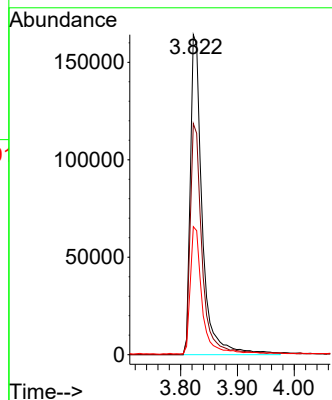
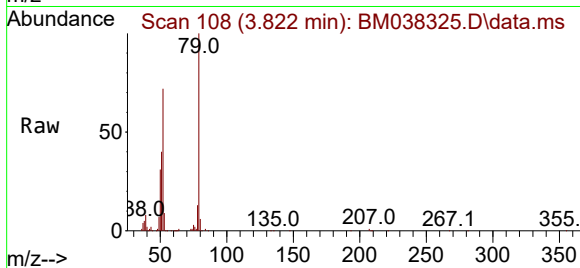




#3
 Pyridine
 Concen: 33.233 ng
 RT: 3.822 min Scan# 108
 Delta R.T. 0.000 min
 Lab File: BM038325.D
 Acq: 27 Dec 2022 21:11

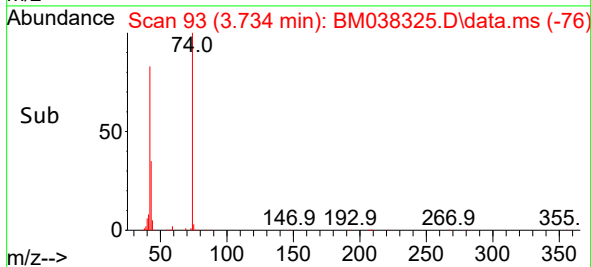
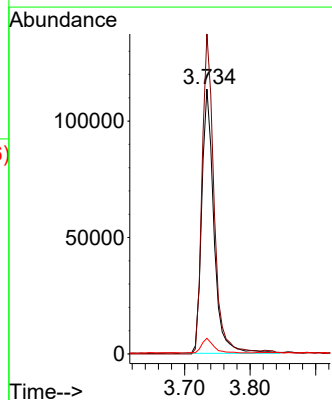
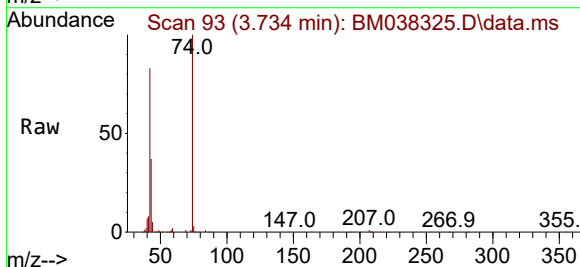
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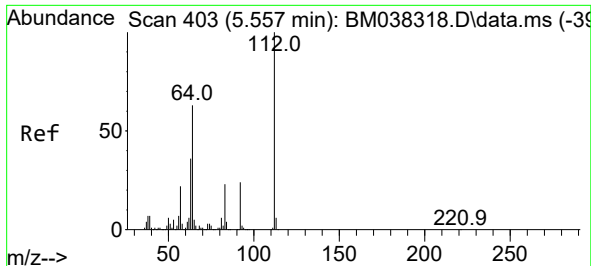
Tgt Ion: 79 Resp: 240744
 Ion Ratio Lower Upper
 79 100
 52 72.2 56.5 84.7
 51 40.0 30.8 46.2



#4
 n-Nitrosodimethylamine
 Concen: 42.630 ng
 RT: 3.734 min Scan# 93
 Delta R.T. 0.000 min
 Lab File: BM038325.D
 Acq: 27 Dec 2022 21:11

Tgt Ion: 42 Resp: 147122
 Ion Ratio Lower Upper
 42 100
 74 120.8 93.9 140.9
 44 5.9 5.0 7.6

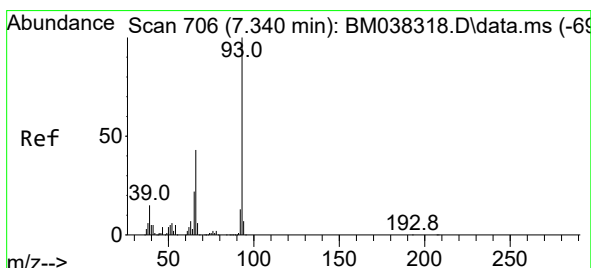
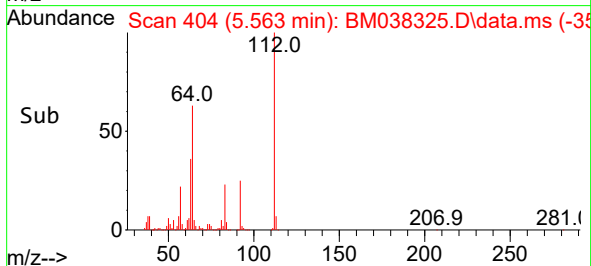
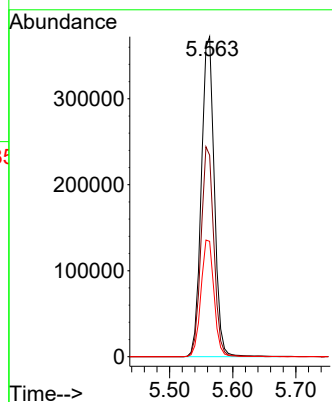
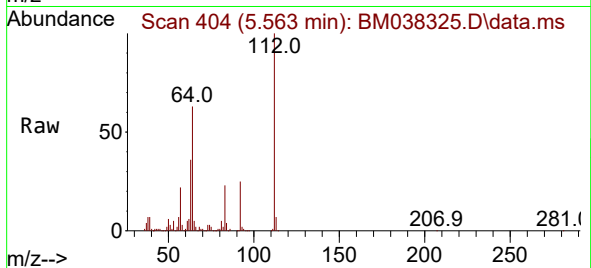




#5
2-Fluorophenol
Concen: 93.604 ng
RT: 5.563 min Scan# 403
Delta R.T. 0.006 min
Lab File: BM038325.D
Acq: 27 Dec 2022 21:11

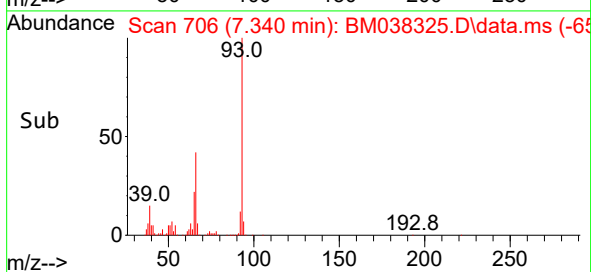
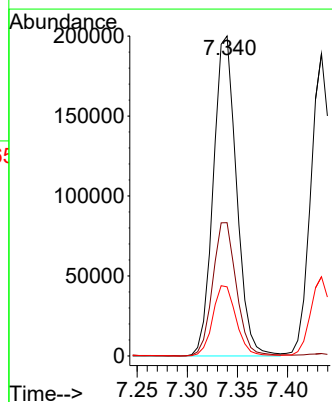
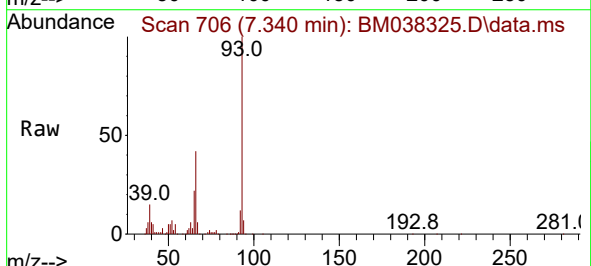
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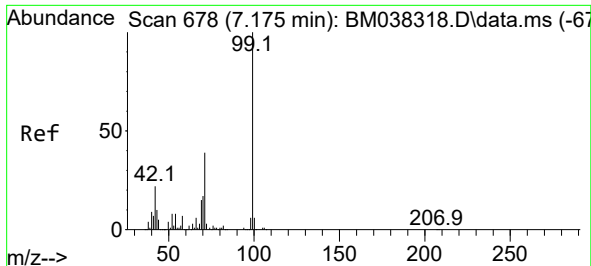
Tgt Ion:112 Resp: 529474
Ion Ratio Lower Upper
112 100
64 63.0 50.7 76.1
63 36.1 28.9 43.3



#6
Aniline
Concen: 33.966 ng
RT: 7.340 min Scan# 706
Delta R.T. 0.000 min
Lab File: BM038325.D
Acq: 27 Dec 2022 21:11

Tgt Ion: 93 Resp: 321902
Ion Ratio Lower Upper
93 100
66 41.6 34.2 51.4
65 21.6 17.9 26.9

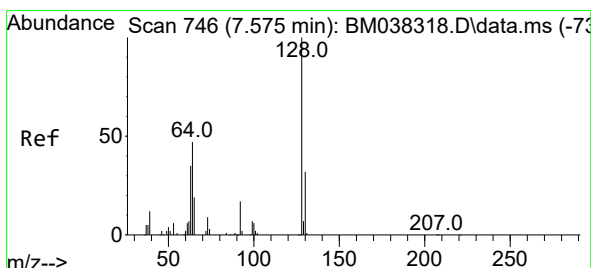
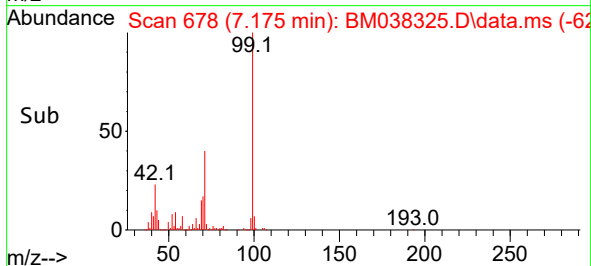
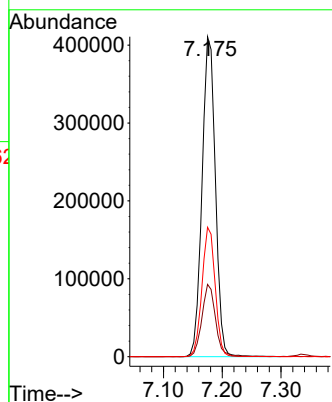
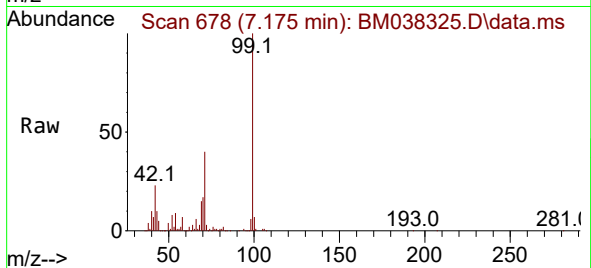




#7
Phenol-d6
Concen: 87.036 ng
RT: 7.175 min Scan# 678
Delta R.T. 0.000 min
Lab File: BM038325.D
Acq: 27 Dec 2022 21:11

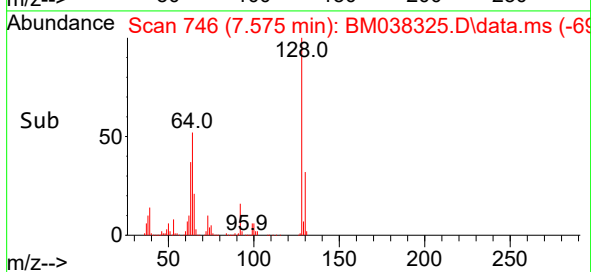
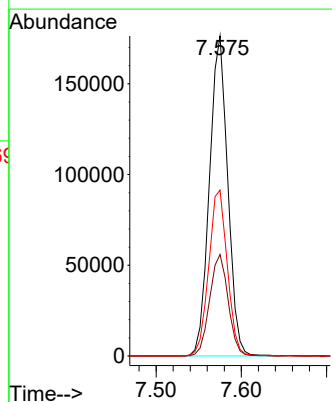
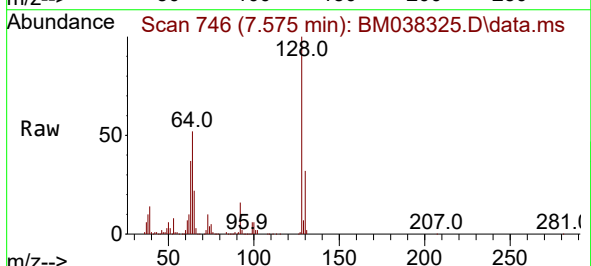
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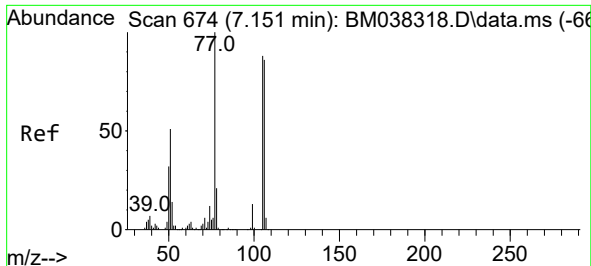
Tgt Ion: 99 Resp: 646617
Ion Ratio Lower Upper
99 100
42 22.6 17.7 26.5
71 40.4 30.9 46.3



#8
2-Chlorophenol
Concen: 44.438 ng
RT: 7.575 min Scan# 746
Delta R.T. 0.000 min
Lab File: BM038325.D
Acq: 27 Dec 2022 21:11

Tgt Ion: 128 Resp: 262887
Ion Ratio Lower Upper
128 100
130 31.7 12.4 52.4
64 51.9 32.2 72.2

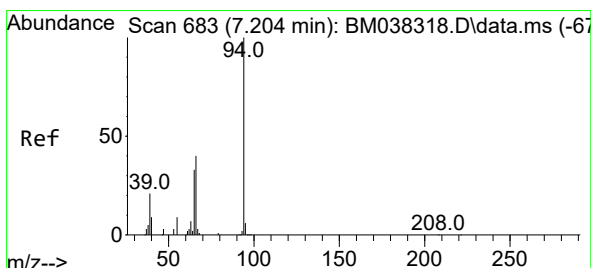
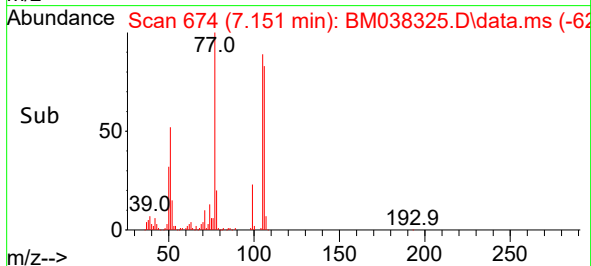
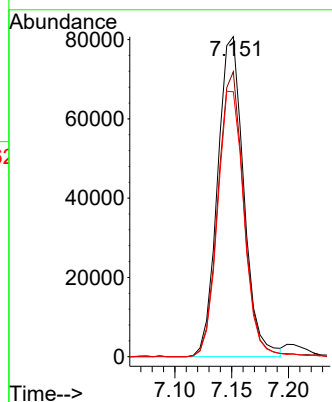
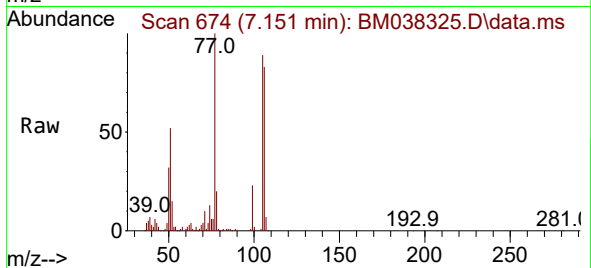




#9
Benzaldehyde
Concen: 24.381 ng
RT: 7.151 min Scan# 674
Delta R.T. 0.000 min
Lab File: BM038325.D
Acq: 27 Dec 2022 21:11

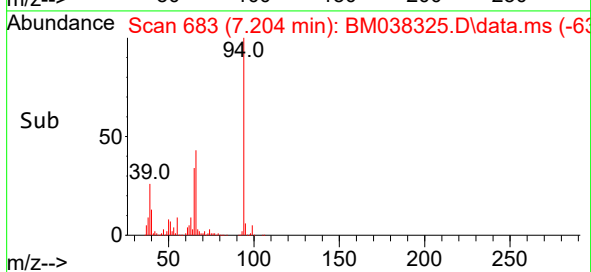
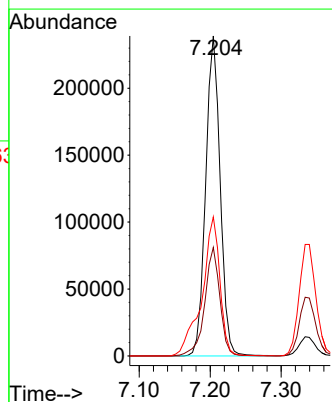
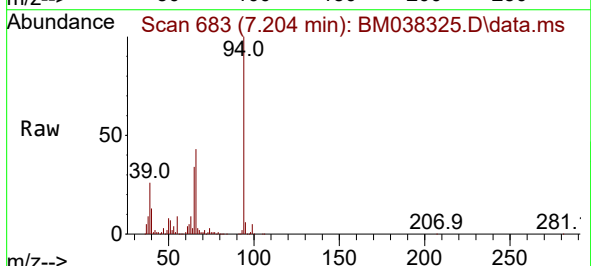
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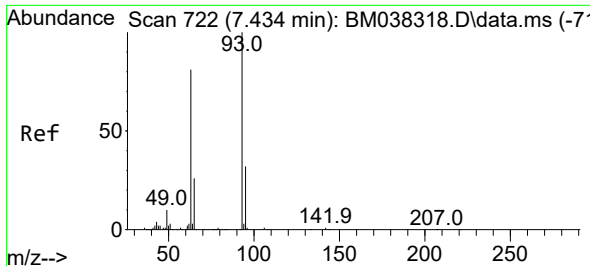
Tgt Ion: 77 Resp: 129695
Ion Ratio Lower Upper
77 100
105 89.0 67.9 107.9
106 82.8 66.0 106.0



#10
Phenol
Concen: 44.058 ng
RT: 7.204 min Scan# 683
Delta R.T. 0.000 min
Lab File: BM038325.D
Acq: 27 Dec 2022 21:11

Tgt Ion: 94 Resp: 339866
Ion Ratio Lower Upper
94 100
65 33.9 13.4 53.4
66 43.4 22.5 62.5

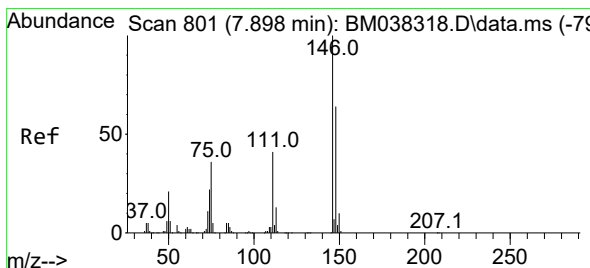
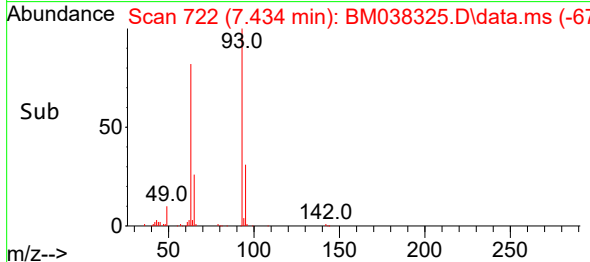
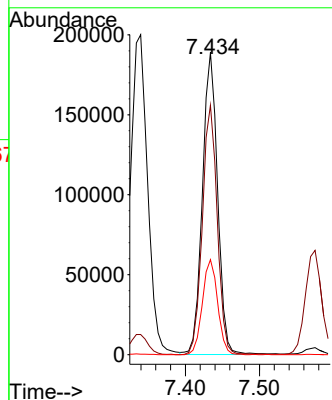
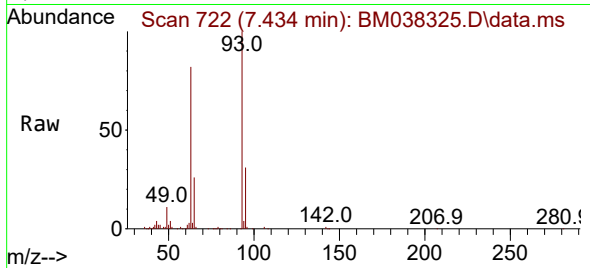




#11
bis(2-Chloroethyl)ether
Concen: 42.657 ng
RT: 7.434 min Scan# 722
Delta R.T. 0.000 min
Lab File: BM038325.D
Acq: 27 Dec 2022 21:11

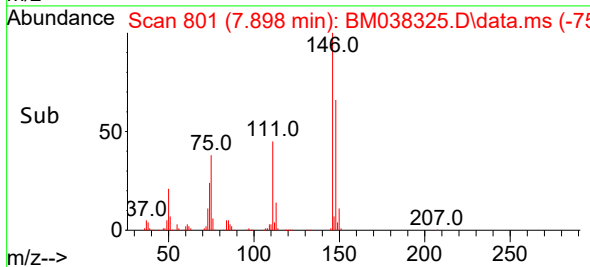
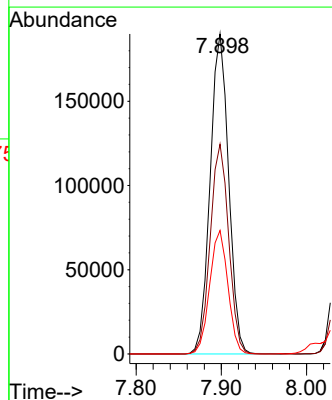
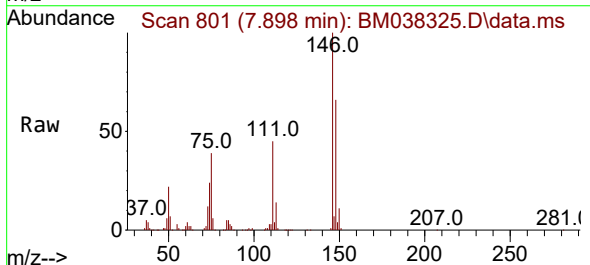
Instrument :
BNA_M
ClientSampleId :
PB149775BS

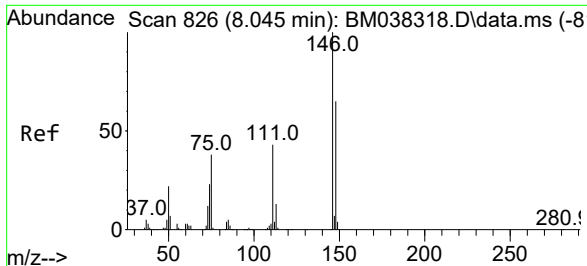
Tgt Ion: 93 Resp: 270080
Ion Ratio Lower Upper
93 100
63 82.5 60.7 100.7
95 31.4 11.9 51.9



#12
1,3-Dichlorobenzene
Concen: 43.805 ng
RT: 7.898 min Scan# 801
Delta R.T. 0.000 min
Lab File: BM038325.D
Acq: 27 Dec 2022 21:11

Tgt Ion: 146 Resp: 286100
Ion Ratio Lower Upper
146 100
148 65.5 51.3 76.9
75 38.6 28.6 43.0





#13

1,4-Dichlorobenzene

Concen: 44.689 ng

RT: 8.046 min Scan# 801

Delta R.T. 0.000 min

Lab File: BM038325.D

Acq: 27 Dec 2022 21:11

Instrument :

BNA_M

ClientSampleId :

PB149775BS

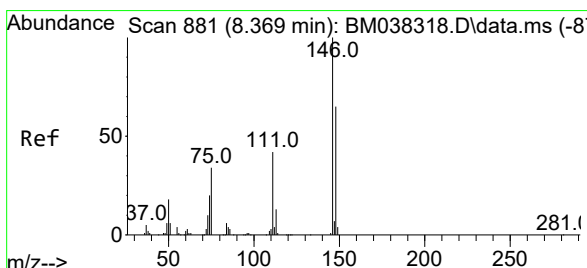
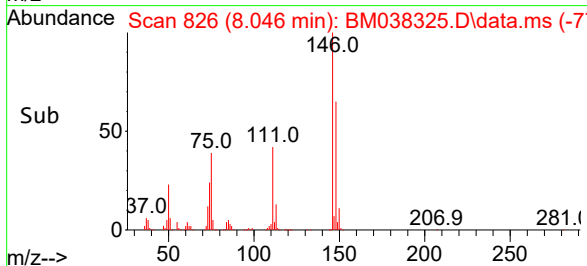
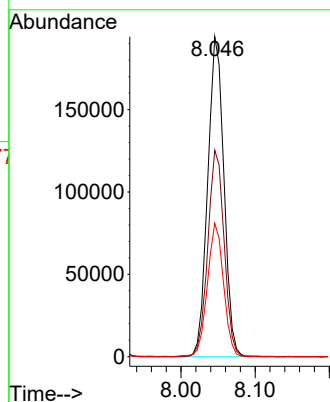
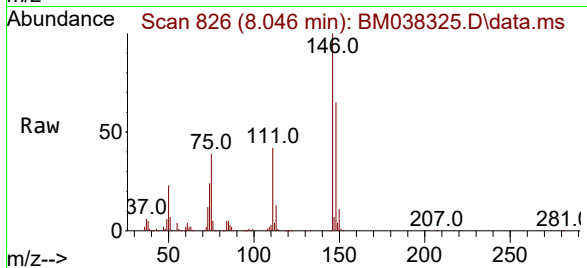
Tgt Ion:146 Resp: 294483

Ion Ratio Lower Upper

146 100

148 64.5 51.8 77.6

111 41.7 34.4 51.6



#14

1,2-Dichlorobenzene

Concen: 44.069 ng

RT: 8.363 min Scan# 880

Delta R.T. -0.006 min

Lab File: BM038325.D

Acq: 27 Dec 2022 21:11

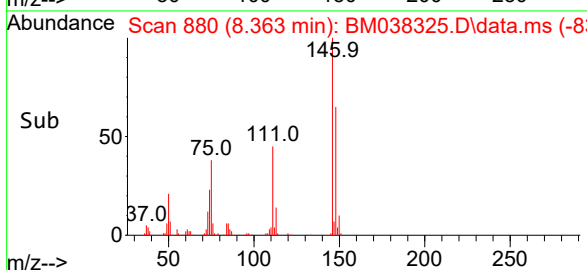
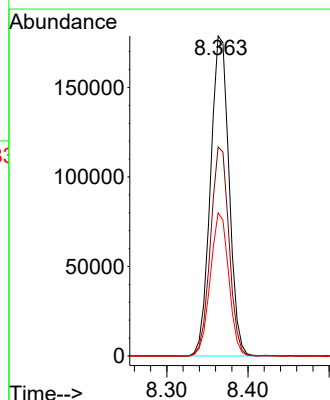
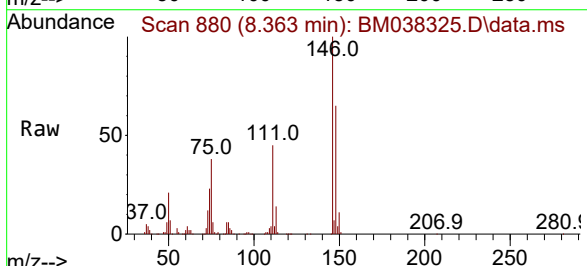
Tgt Ion:146 Resp: 284213

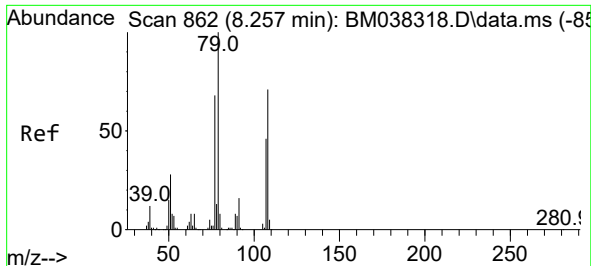
Ion Ratio Lower Upper

146 100

148 65.3 52.1 78.1

111 44.7 33.8 50.6

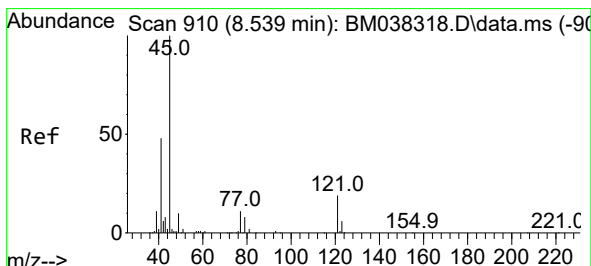
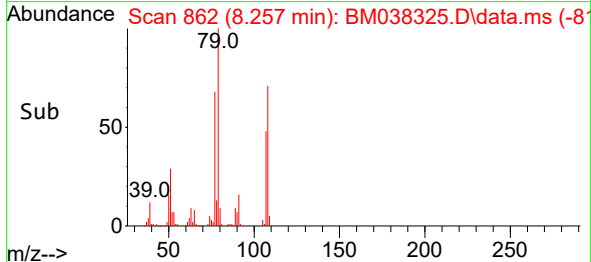
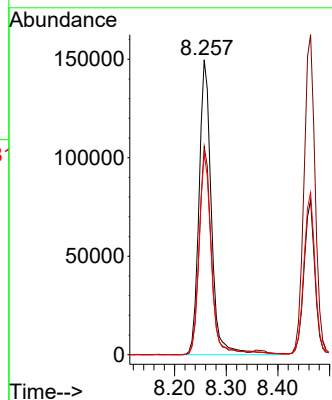
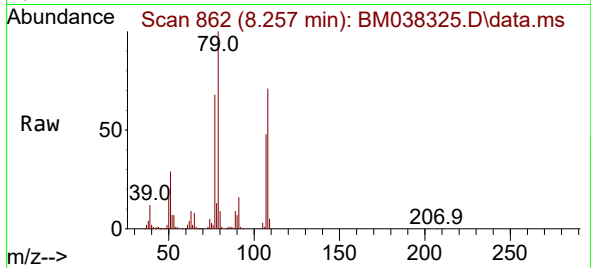




#15
Benzyl Alcohol
Concen: 44.586 ng
RT: 8.257 min Scan# 862
Delta R.T. 0.000 min
Lab File: BM038325.D
Acq: 27 Dec 2022 21:11

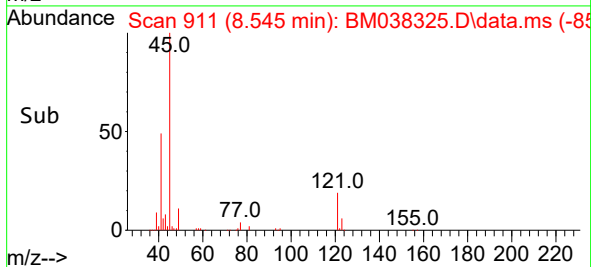
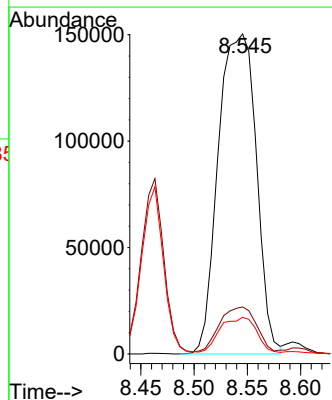
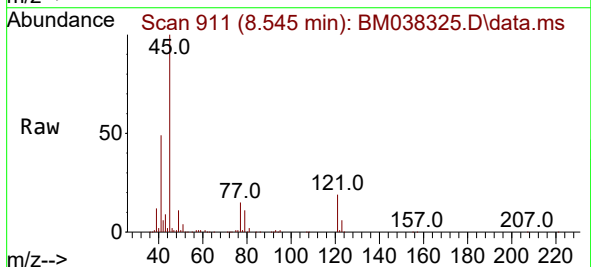
Instrument :
BNA_M
ClientSampleId :
PB149775BS

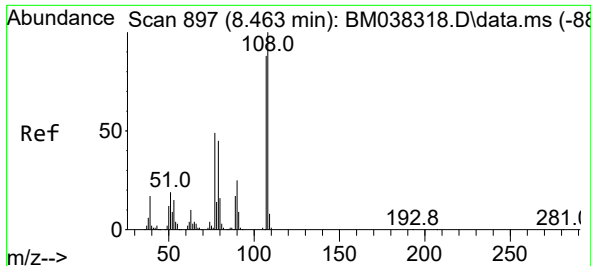
Tgt Ion: 79 Resp: 248291
Ion Ratio Lower Upper
79 100
108 70.6 56.6 85.0
77 68.2 54.2 81.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.037 ng
RT: 8.545 min Scan# 911
Delta R.T. 0.006 min
Lab File: BM038325.D
Acq: 27 Dec 2022 21:11

Tgt Ion: 45 Resp: 372853
Ion Ratio Lower Upper
45 100
77 14.7 0.0 34.5
79 11.5 0.0 30.6

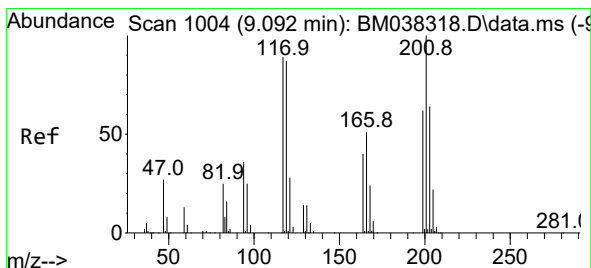
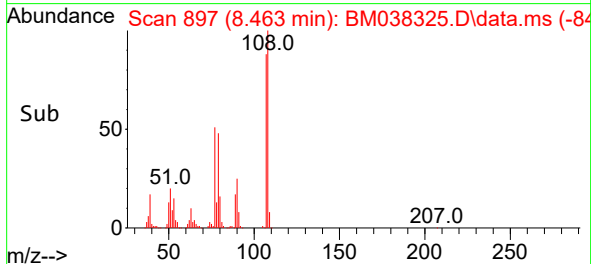
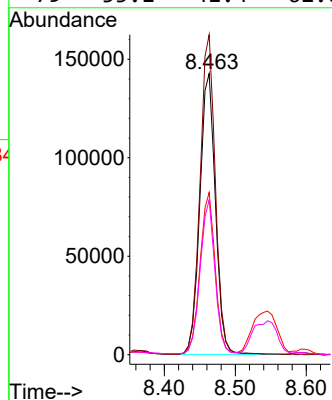
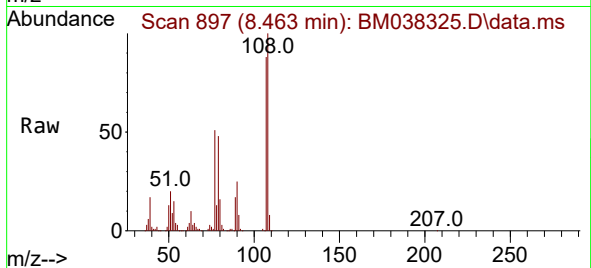




#17
2-Methylphenol
Concen: 40.010 ng
RT: 8.463 min Scan# 897
Delta R.T. 0.000 min
Lab File: BM038325.D
Acq: 27 Dec 2022 21:11

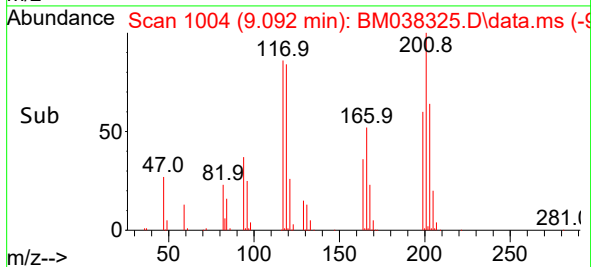
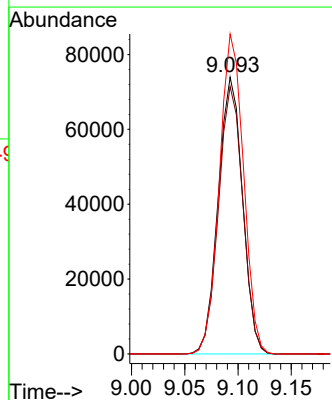
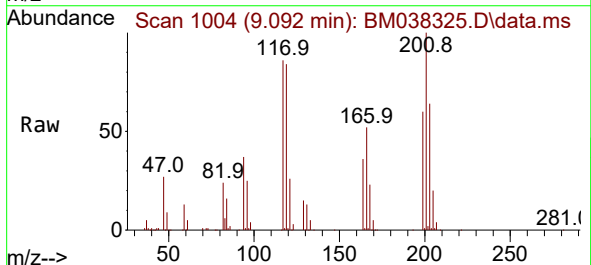
Instrument :
BNA_M
ClientSampleId :
PB149775BS

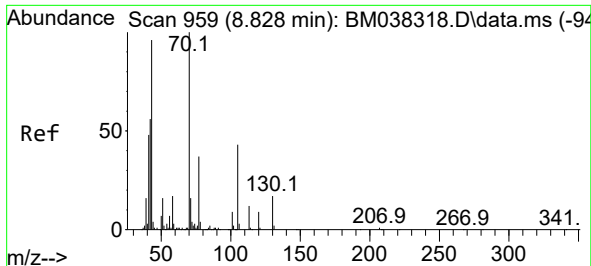
Tgt Ion:	107	Resp:	217167
Ion Ratio	Lower	Upper	
107	100		
108	113.9	90.6	136.0
77	57.7	44.3	66.5
79	55.1	41.4	62.0



#18
Hexachloroethane
Concen: 46.182 ng
RT: 9.092 min Scan# 1004
Delta R.T. 0.000 min
Lab File: BM038325.D
Acq: 27 Dec 2022 21:11

Tgt Ion:	117	Resp:	117683
Ion Ratio	Lower	Upper	
117	100		
119	96.6	78.5	117.7
201	115.6	92.0	138.0

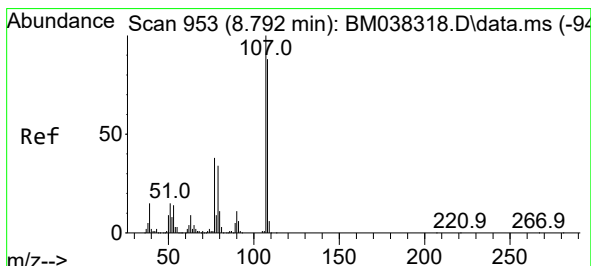
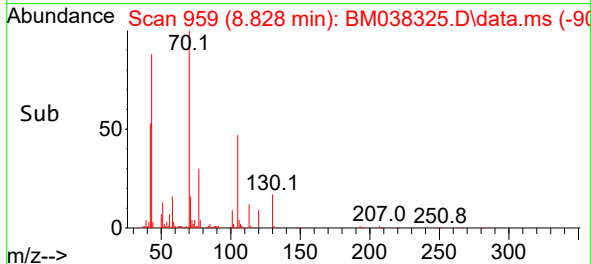
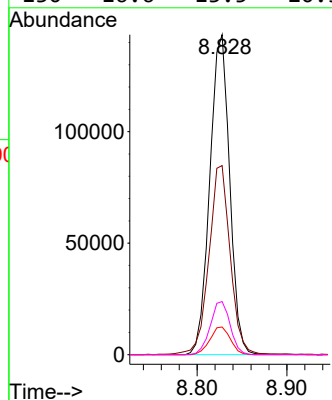
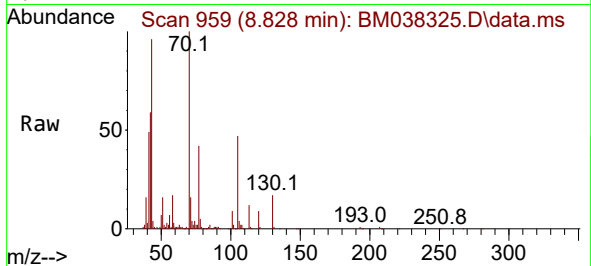




#19
n-Nitroso-di-n-propylamine
Concen: 41.030 ng
RT: 8.828 min Scan# 91
Delta R.T. 0.000 min
Lab File: BM038325.D
Acq: 27 Dec 2022 21:11

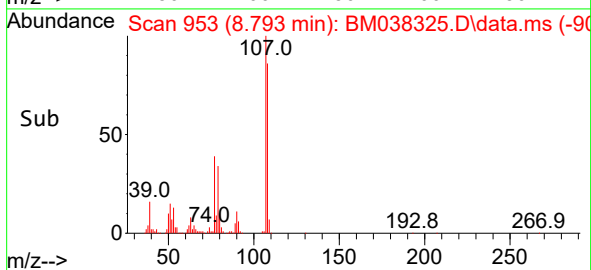
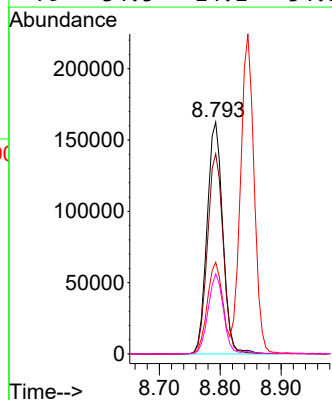
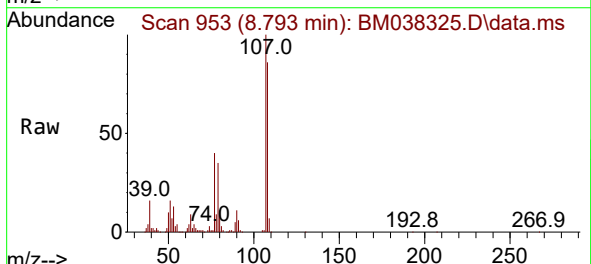
Instrument :
BNA_M
ClientSampleId :
PB149775BS

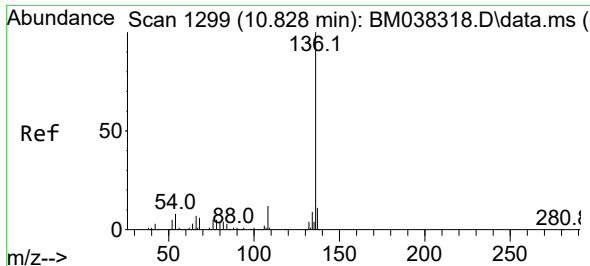
Tgt Ion: 70 Resp: 220592
Ion Ratio Lower Upper
70 100
42 59.1 45.1 67.7
101 8.6 7.0 10.4
130 16.6 13.5 20.3



#20
3+4-Methylphenols
Concen: 40.302 ng
RT: 8.793 min Scan# 953
Delta R.T. 0.000 min
Lab File: BM038325.D
Acq: 27 Dec 2022 21:11

Tgt Ion: 107 Resp: 292413
Ion Ratio Lower Upper
107 100
108 86.3 67.6 107.6
77 39.6 18.4 58.4
79 34.5 14.1 54.1

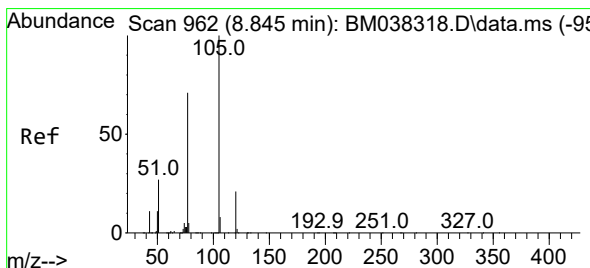
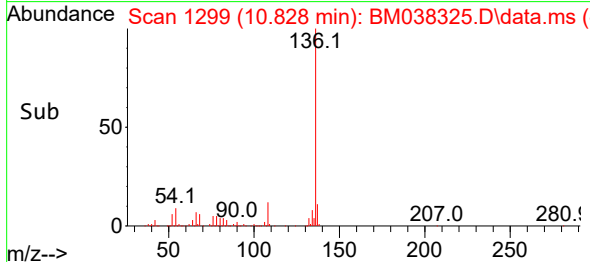
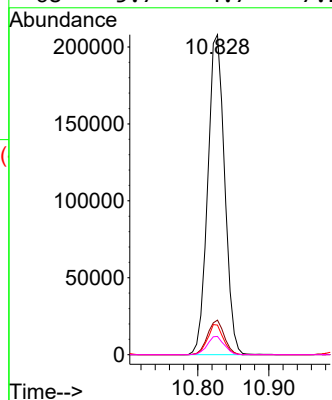
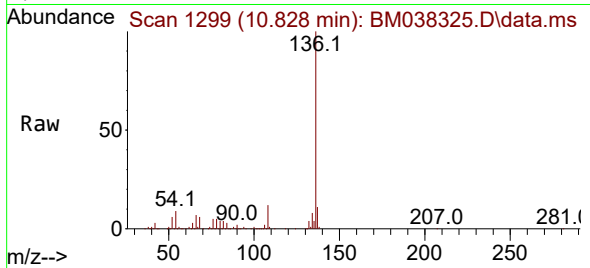




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.828 min Scan# 1299
Delta R.T. 0.000 min
Lab File: BM038325.D
Acq: 27 Dec 2022 21:11

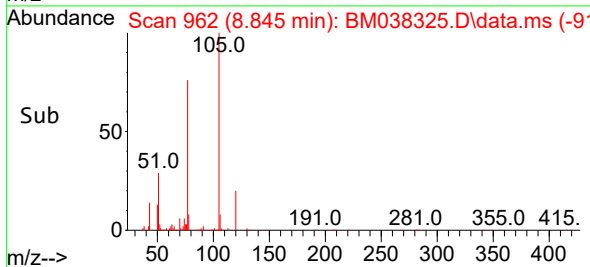
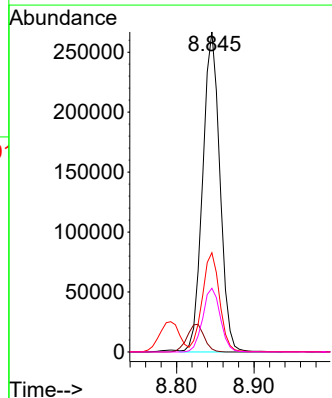
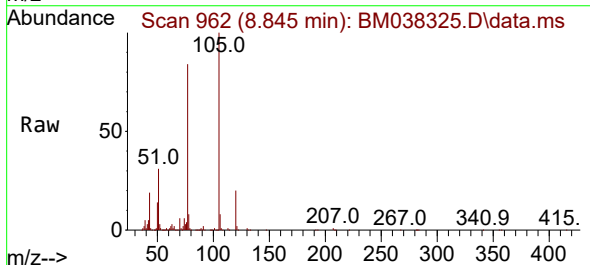
Instrument :
BNA_M
ClientSampleId :
PB149775BS

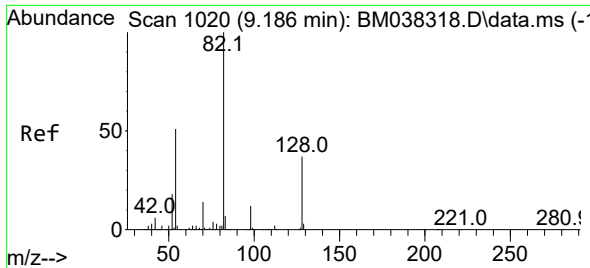
Tgt Ion:136 Resp: 343146
Ion Ratio Lower Upper
136 100
137 10.8 8.7 13.1
54 9.3 6.7 10.1
68 5.7 4.7 7.1



#22
Acetophenone
Concen: 42.398 ng
RT: 8.845 min Scan# 962
Delta R.T. 0.000 min
Lab File: BM038325.D
Acq: 27 Dec 2022 21:11

Tgt Ion:105 Resp: 411464
Ion Ratio Lower Upper
105 100
71 1.0 1.0 1.4
51 31.0 25.6 38.4
120 19.9 16.6 25.0

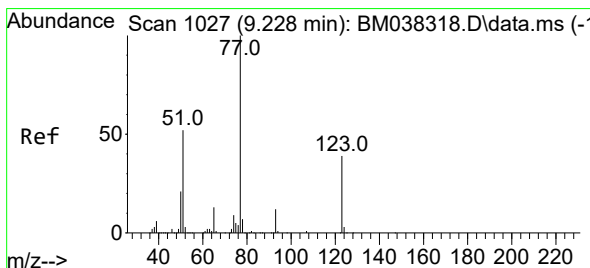
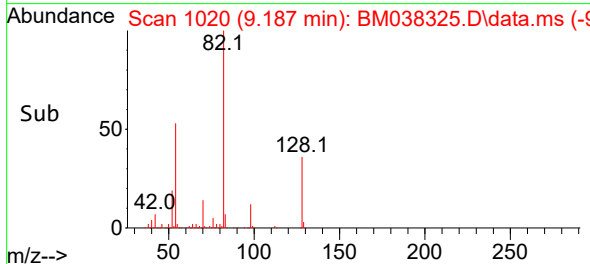
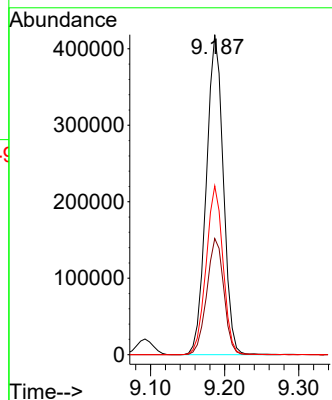
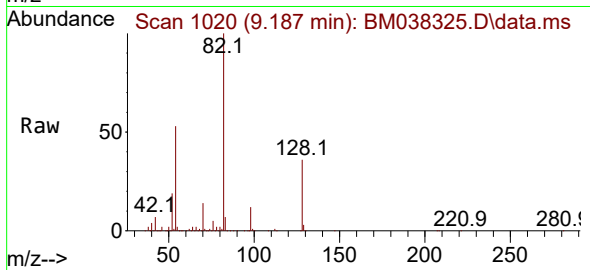




#23
Nitrobenzene-d5
Concen: 85.134 ng
RT: 9.187 min Scan# 1020
Delta R.T. 0.000 min
Lab File: BM038325.D
Acq: 27 Dec 2022 21:11

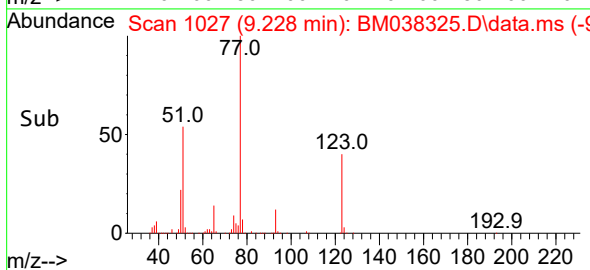
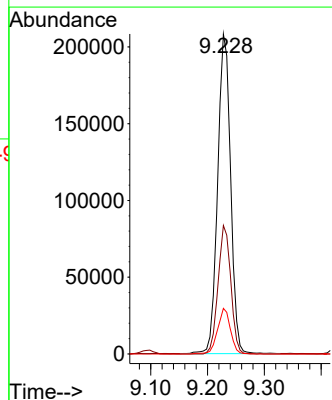
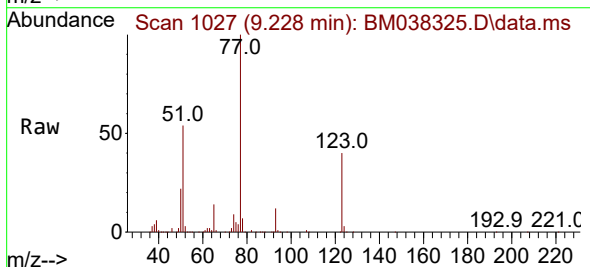
Instrument :
BNA_M
ClientSampleId :
PB149775BS

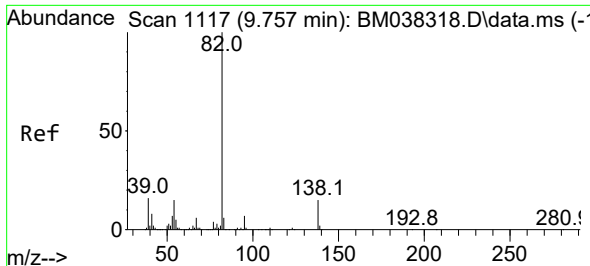
Tgt Ion: 82 Resp: 667045
Ion Ratio Lower Upper
82 100
128 36.3 29.4 44.2
54 52.8 41.0 61.6



#24
Nitrobenzene
Concen: 40.514 ng
RT: 9.228 min Scan# 1027
Delta R.T. 0.000 min
Lab File: BM038325.D
Acq: 27 Dec 2022 21:11

Tgt Ion: 77 Resp: 329647
Ion Ratio Lower Upper
77 100
123 40.2 31.0 46.4
65 14.3 10.7 16.1

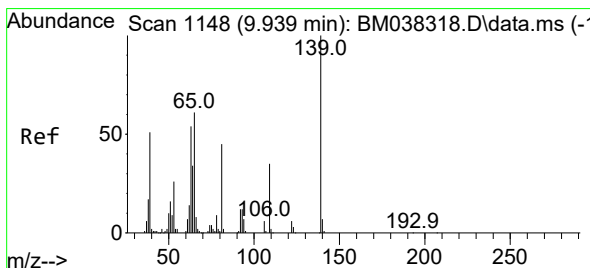
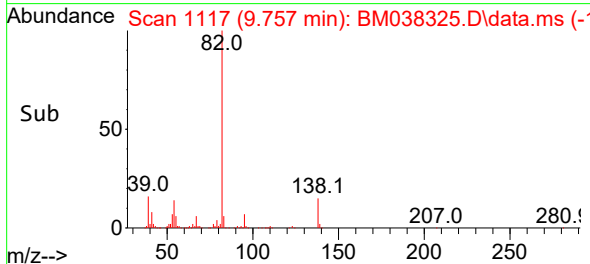
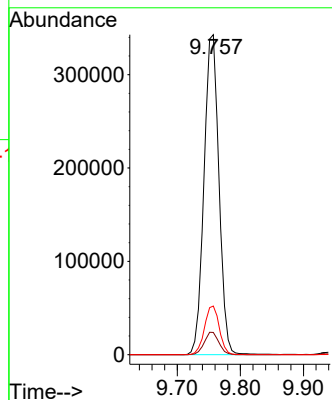
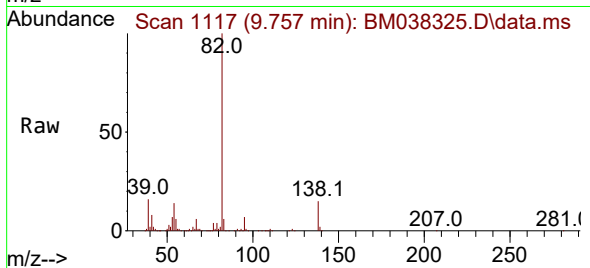




#25
Isophorone
Concen: 40.102 ng
RT: 9.757 min Scan# 1117
Delta R.T. 0.000 min
Lab File: BM038325.D
Acq: 27 Dec 2022 21:11

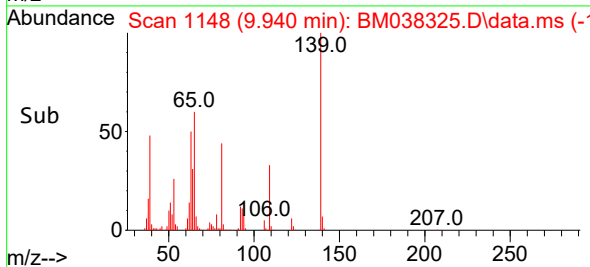
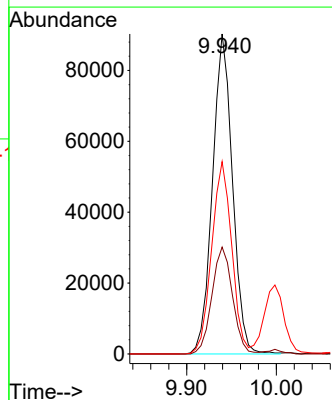
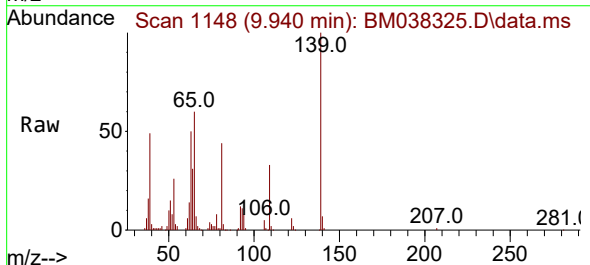
Instrument :
BNA_M
ClientSampleId :
PB149775BS

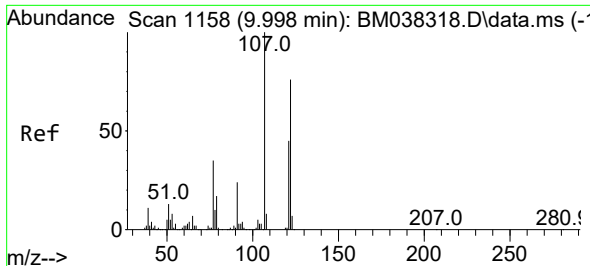
Tgt Ion: 82 Resp: 564882
Ion Ratio Lower Upper
82 100
95 7.0 5.4 8.2
138 15.2 12.3 18.5



#26
2-Nitrophenol
Concen: 44.014 ng
RT: 9.940 min Scan# 1148
Delta R.T. 0.000 min
Lab File: BM038325.D
Acq: 27 Dec 2022 21:11

Tgt Ion: 139 Resp: 139686
Ion Ratio Lower Upper
139 100
109 33.4 27.6 41.4
65 60.1 48.6 72.8

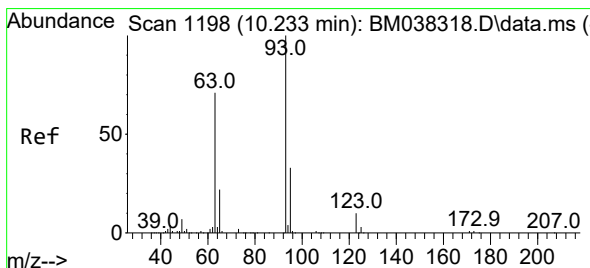
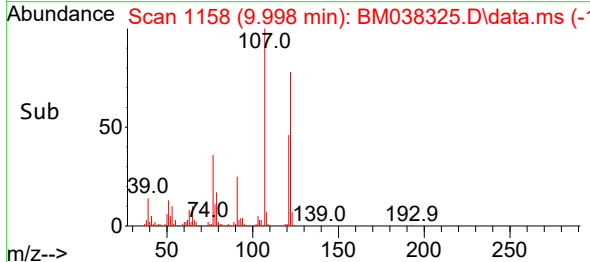
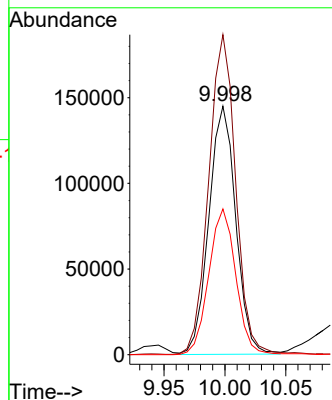
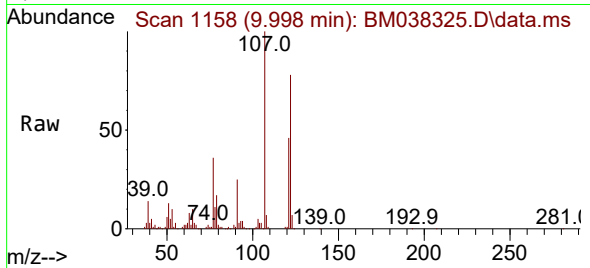




#27
2,4-Dimethylphenol
Concen: 42.068 ng
RT: 9.998 min Scan# 1158
Delta R.T. 0.000 min
Lab File: BM038325.D
Acq: 27 Dec 2022 21:11

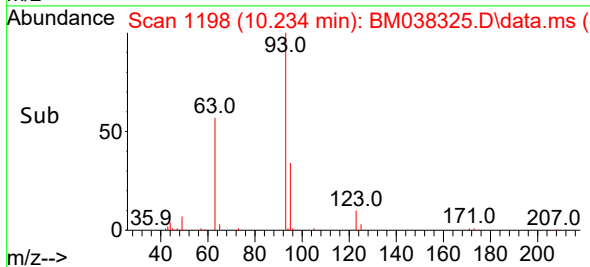
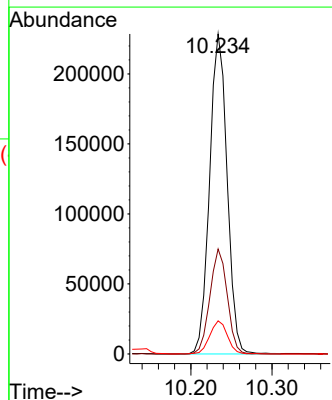
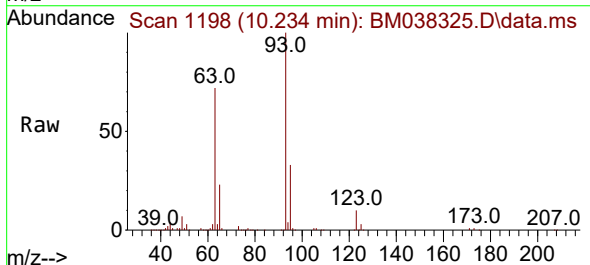
Instrument :
BNA_M
ClientSampleId :
PB149775BS

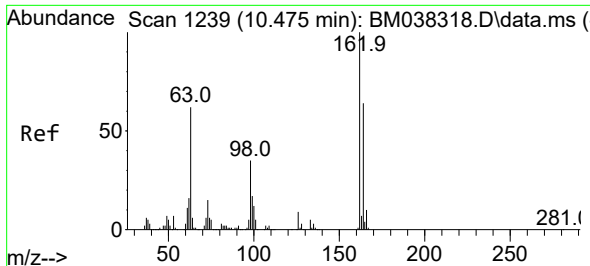
Tgt Ion:122 Resp: 222698
Ion Ratio Lower Upper
122 100
107 128.8 104.9 157.3
121 58.7 47.1 70.7



#28
bis(2-Chloroethoxy)methane
Concen: 41.750 ng
RT: 10.234 min Scan# 1198
Delta R.T. 0.000 min
Lab File: BM038325.D
Acq: 27 Dec 2022 21:11

Tgt Ion: 93 Resp: 342759
Ion Ratio Lower Upper
93 100
95 32.8 26.2 39.2
123 10.4 8.4 12.6





#29

2,4-Dichlorophenol

Concen: 43.288 ng

RT: 10.475 min Scan# 1239

Delta R.T. 0.000 min

Lab File: BM038325.D

Acq: 27 Dec 2022 21:11

Instrument :

BNA_M

ClientSampleId :

PB149775BS

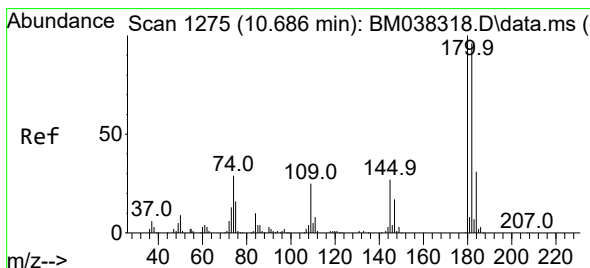
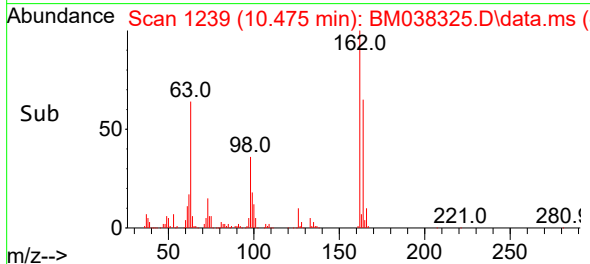
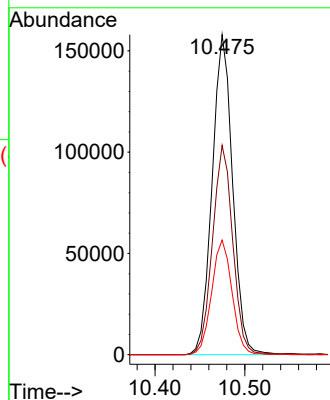
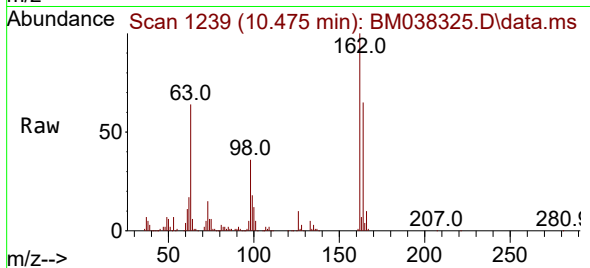
Tgt Ion:162 Resp: 250217

Ion Ratio Lower Upper

162 100

164 65.4 44.2 84.2

98 35.8 15.5 55.5



#30

1,2,4-Trichlorobenzene

Concen: 43.427 ng

RT: 10.687 min Scan# 1275

Delta R.T. 0.000 min

Lab File: BM038325.D

Acq: 27 Dec 2022 21:11

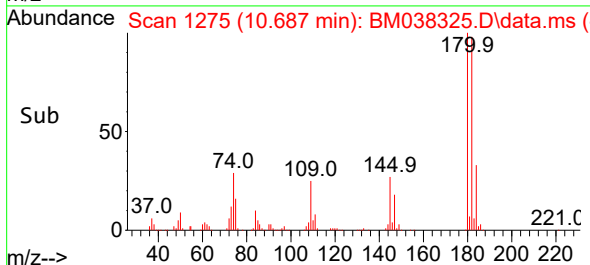
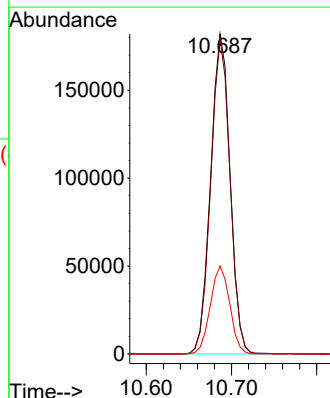
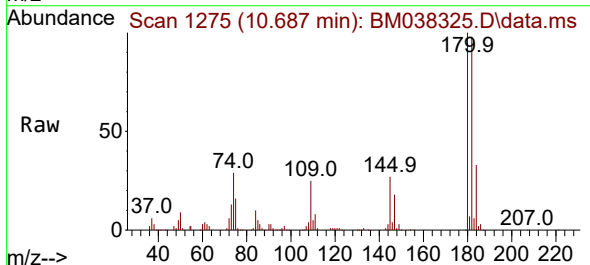
Tgt Ion:180 Resp: 288701

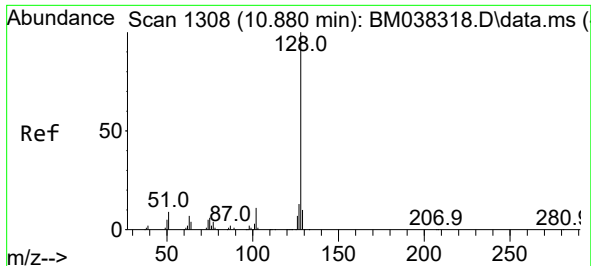
Ion Ratio Lower Upper

180 100

182 98.3 77.0 115.4

145 27.4 21.8 32.8

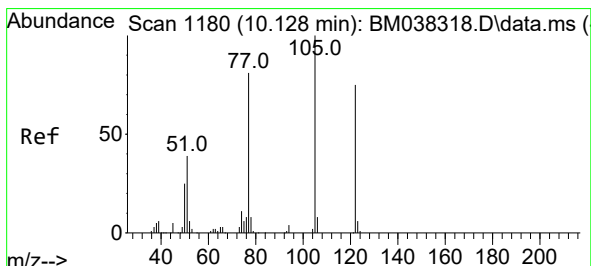
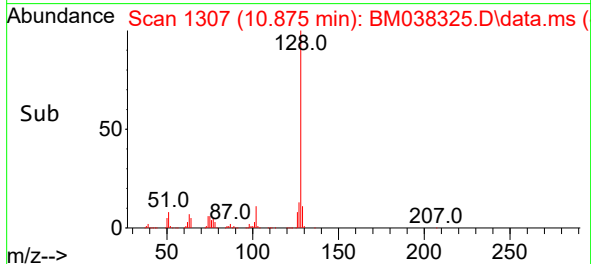
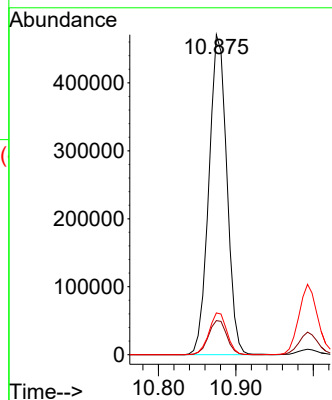
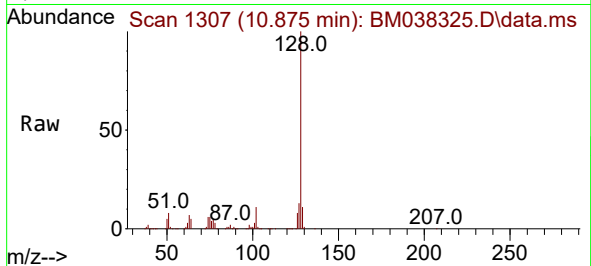




#31
Naphthalene
Concen: 41.563 ng
RT: 10.875 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM038325.D
Acq: 27 Dec 2022 21:11

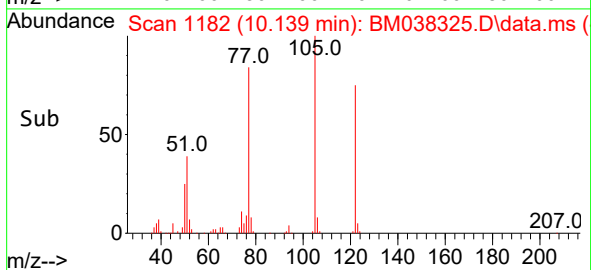
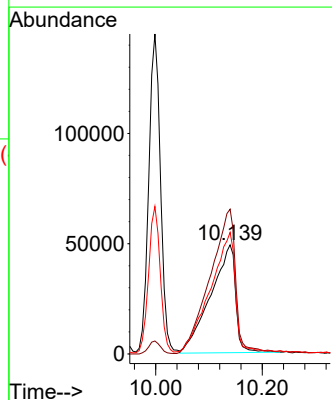
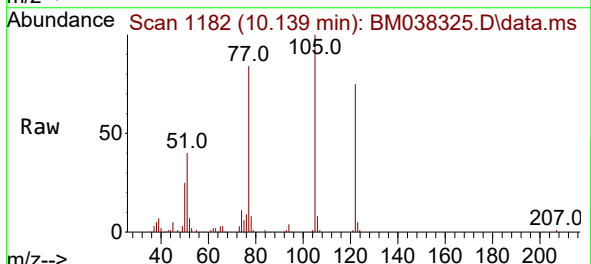
Instrument :
BNA_M
ClientSampleId :
PB149775BS

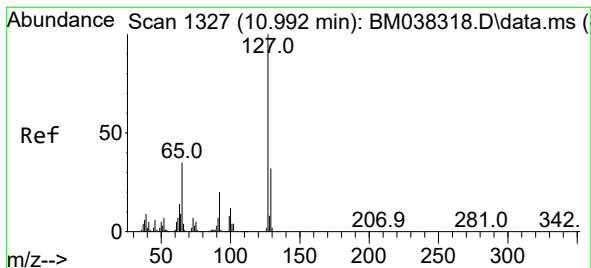
Tgt Ion:128 Resp: 757818
Ion Ratio Lower Upper
128 100
129 10.7 8.3 12.5
127 13.1 10.5 15.7



#32
Benzoic acid
Concen: 40.097 ng
RT: 10.139 min Scan# 1182
Delta R.T. 0.011 min
Lab File: BM038325.D
Acq: 27 Dec 2022 21:11

Tgt Ion:122 Resp: 159849
Ion Ratio Lower Upper
122 100
105 132.7 111.1 151.1
77 111.5 87.8 127.8





#33

4-Chloroaniline

Concen: 23.231 ng

RT: 10.992 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM038325.D

Acq: 27 Dec 2022 21:11

Instrument :

BNA_M

ClientSampleId :

PB149775BS

Tgt Ion:127 Resp: 180420

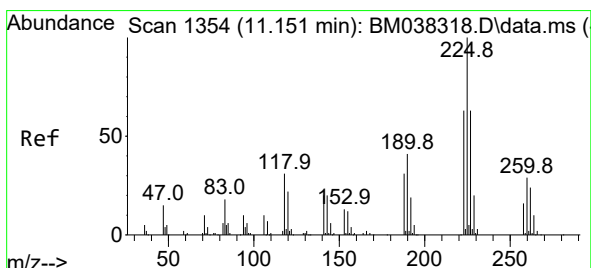
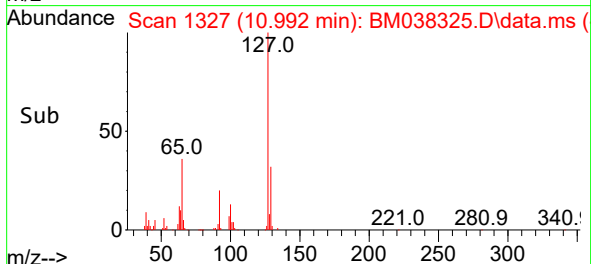
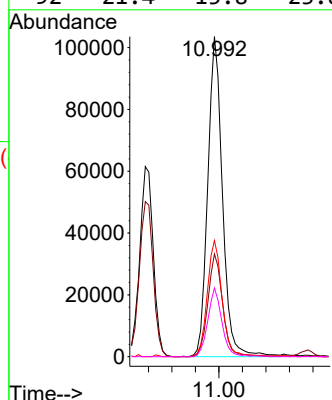
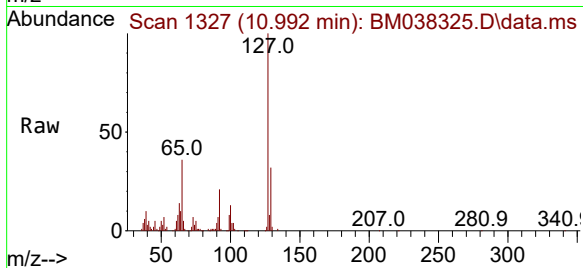
Ion Ratio Lower Upper

127 100

129 32.1 26.0 39.0

65 36.3 28.2 42.2

92 21.4 15.8 23.8



#34

Hexachlorobutadiene

Concen: 44.899 ng

RT: 11.151 min Scan# 1354

Delta R.T. 0.000 min

Lab File: BM038325.D

Acq: 27 Dec 2022 21:11

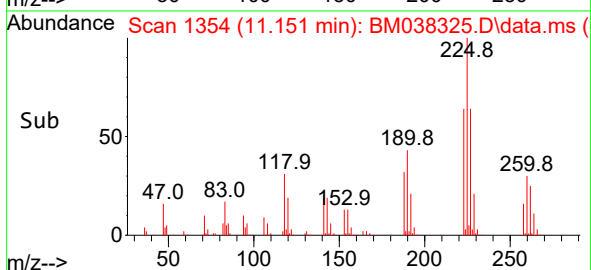
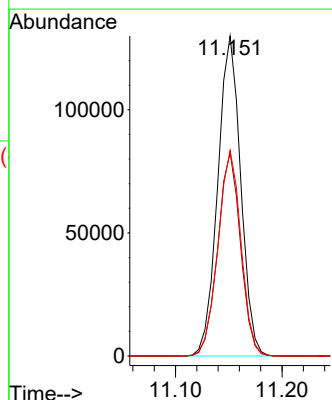
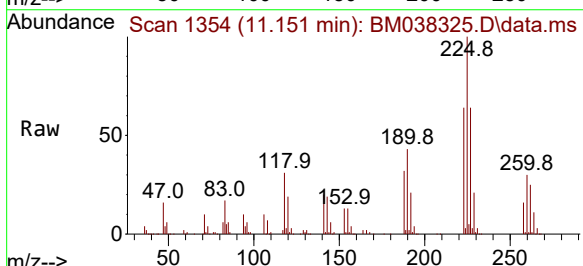
Tgt Ion:225 Resp: 193858

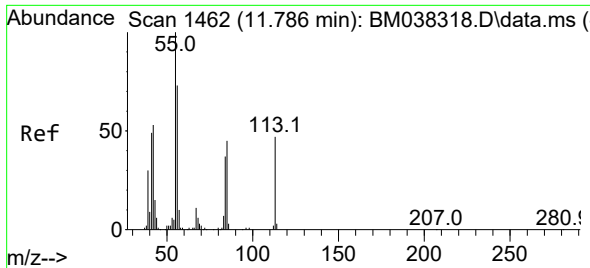
Ion Ratio Lower Upper

225 100

223 63.6 50.2 75.2

227 64.3 50.1 75.1

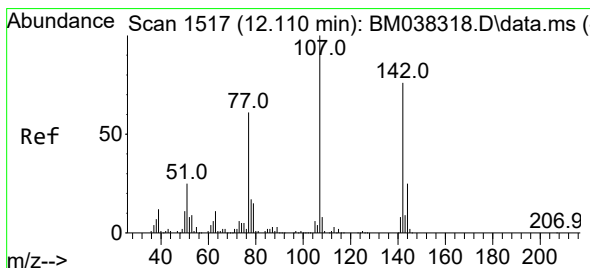
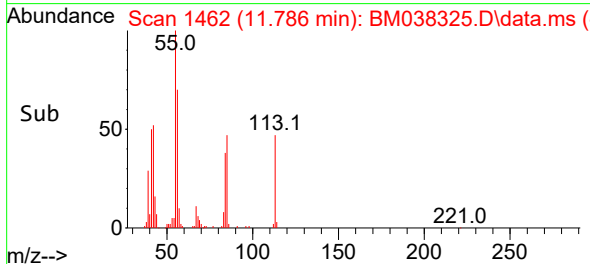
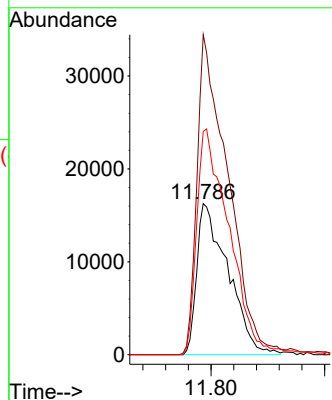
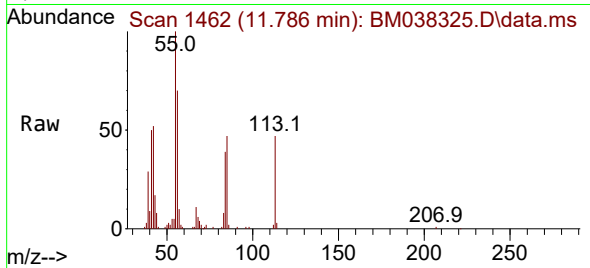




#35
 Caprolactam
 Concen: 36.844 ng
 RT: 11.786 min Scan# 1462
 Delta R.T. 0.000 min
 Lab File: BM038325.D
 Acq: 27 Dec 2022 21:11

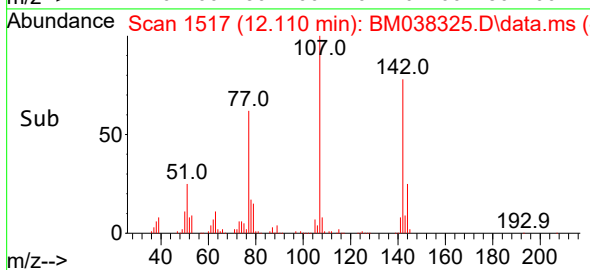
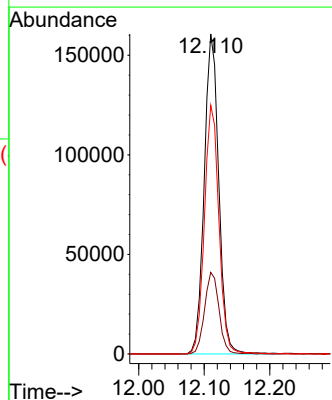
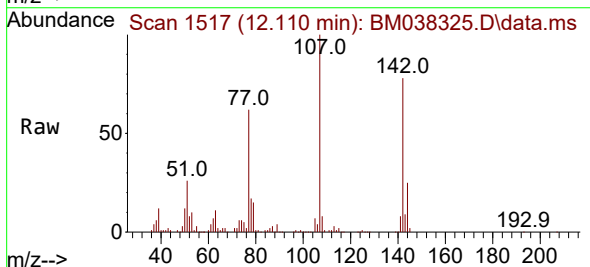
Instrument :
 BNA_M
 ClientSampleId :
 PB149775BS

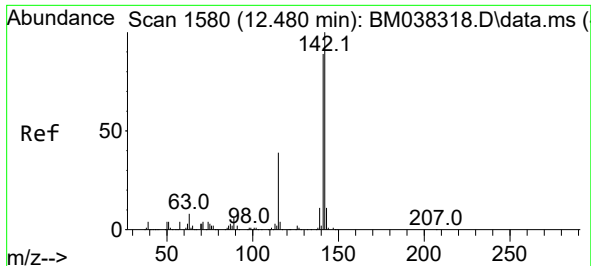
Tgt Ion:113 Resp: 62083
 Ion Ratio Lower Upper
 113 100
 55 211.9 192.5 232.5
 56 147.8 134.9 174.9



#36
 4-Chloro-3-methylphenol
 Concen: 40.671 ng
 RT: 12.110 min Scan# 1517
 Delta R.T. 0.000 min
 Lab File: BM038325.D
 Acq: 27 Dec 2022 21:11

Tgt Ion:107 Resp: 248113
 Ion Ratio Lower Upper
 107 100
 144 25.5 20.3 30.5
 142 77.7 60.8 91.2

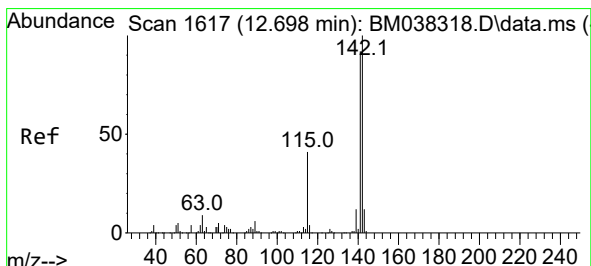
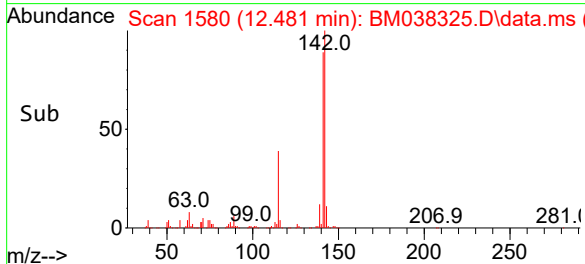
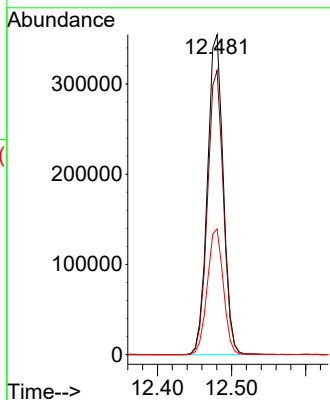
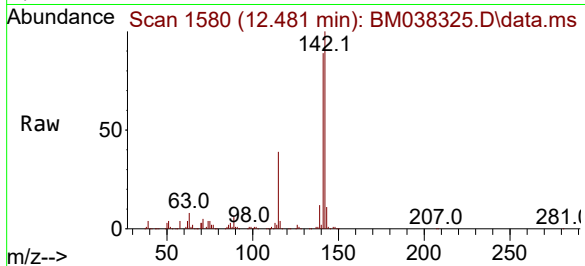




#37
2-Methylnaphthalene
Concen: 40.196 ng
RT: 12.481 min Scan# 1580
Delta R.T. 0.000 min
Lab File: BM038325.D
Acq: 27 Dec 2022 21:11

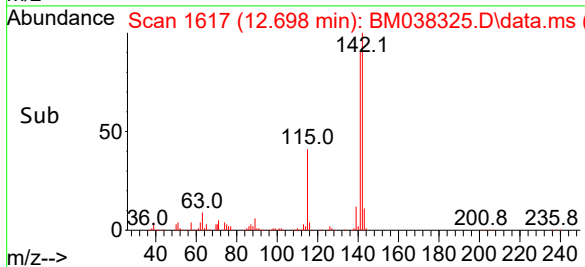
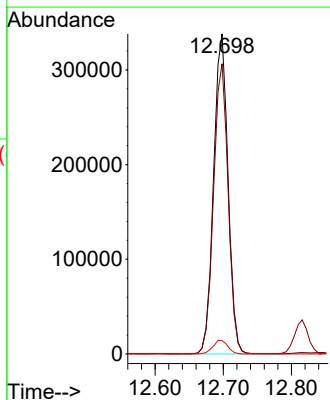
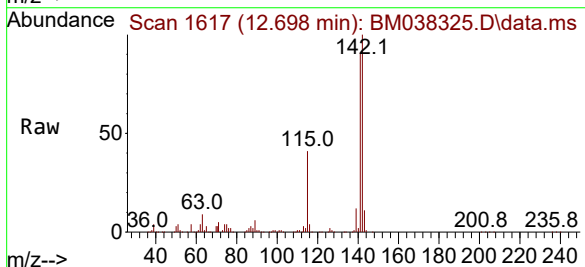
Instrument :
BNA_M
ClientSampleId :
PB149775BS

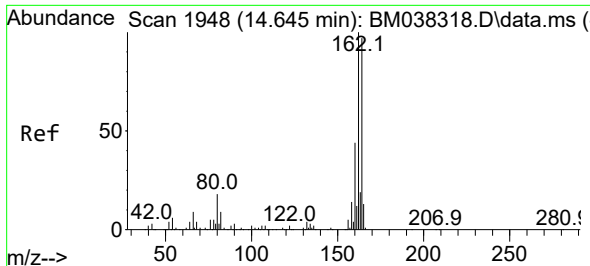
Tgt Ion:142 Resp: 525646
Ion Ratio Lower Upper
142 100
141 88.8 71.0 106.6
115 39.3 31.0 46.4



#38
1-Methylnaphthalene
Concen: 40.457 ng
RT: 12.698 min Scan# 1617
Delta R.T. 0.000 min
Lab File: BM038325.D
Acq: 27 Dec 2022 21:11

Tgt Ion:142 Resp: 498203
Ion Ratio Lower Upper
142 100
141 90.7 73.9 110.9
116 4.2 3.3 4.9

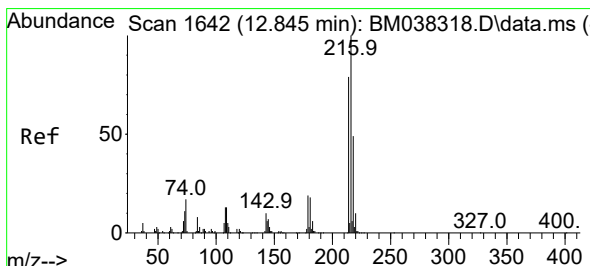
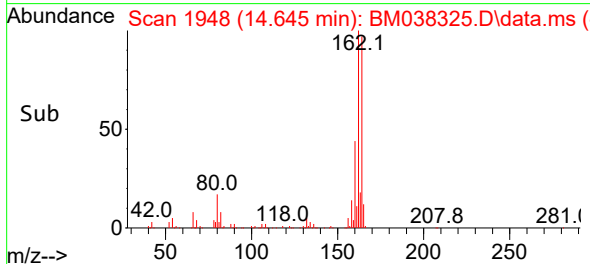
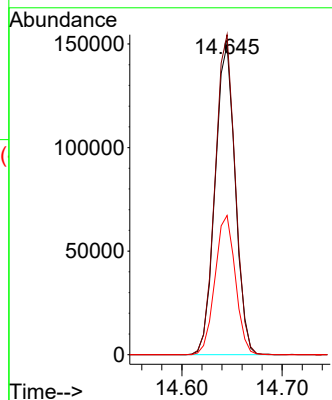
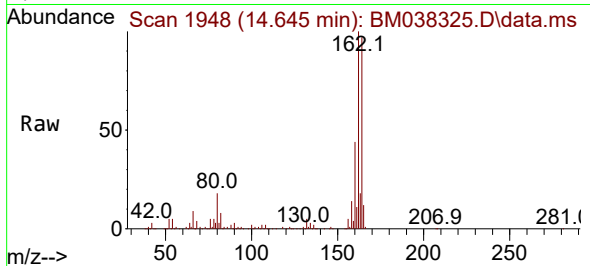




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.645 min Scan# 1948
Delta R.T. 0.000 min
Lab File: BM038325.D
Acq: 27 Dec 2022 21:11

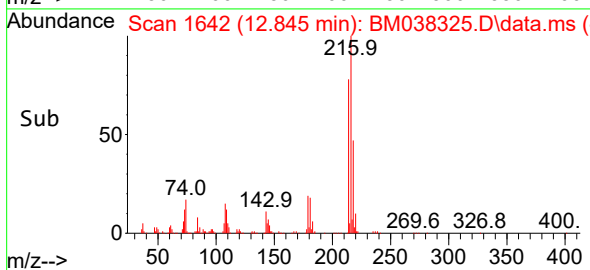
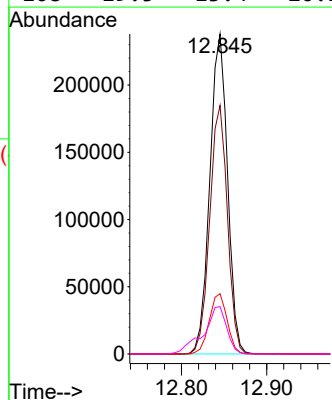
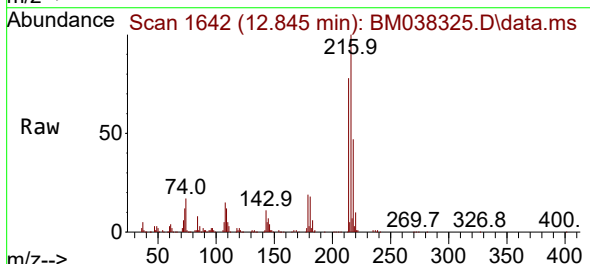
Instrument :
BNA_M
ClientSampleId :
PB149775BS

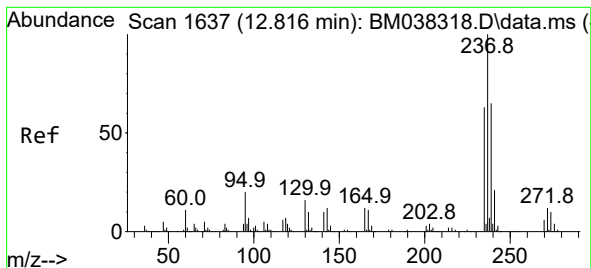
Tgt Ion:164 Resp: 208877
Ion Ratio Lower Upper
164 100
162 103.2 82.6 124.0
160 44.9 36.7 55.1



#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.496 ng
RT: 12.845 min Scan# 1642
Delta R.T. 0.000 min
Lab File: BM038325.D
Acq: 27 Dec 2022 21:11

Tgt Ion:216 Resp: 343297
Ion Ratio Lower Upper
216 100
214 77.6 63.0 94.4
179 19.0 15.3 22.9
108 19.5 13.4 20.2

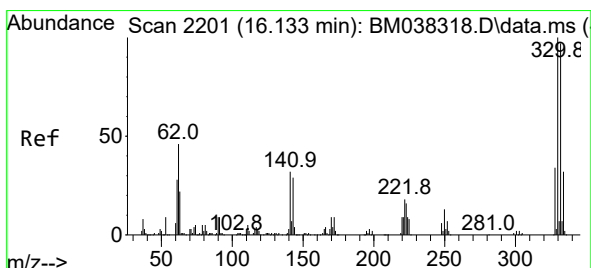
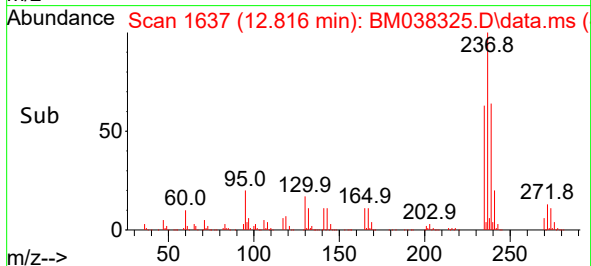
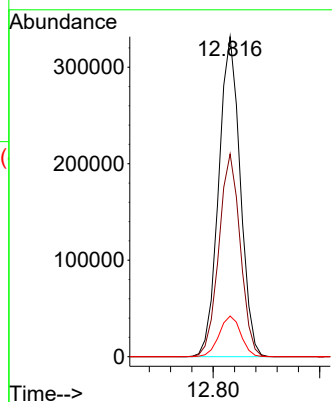
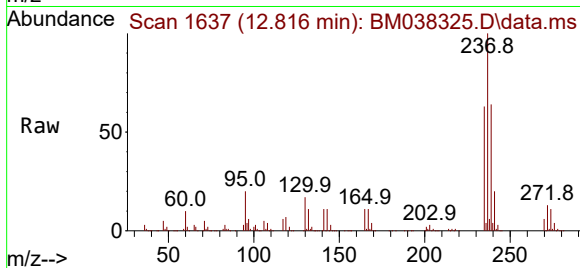




#41
Hexachlorocyclopentadiene
Concen: 110.154 ng
RT: 12.816 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM038325.D
Acq: 27 Dec 2022 21:11

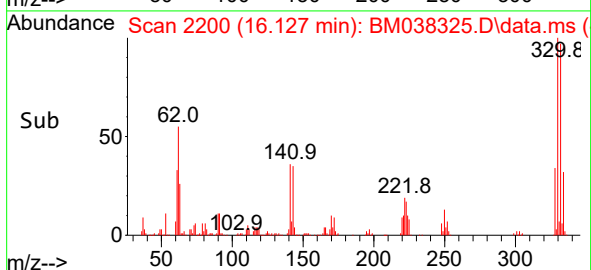
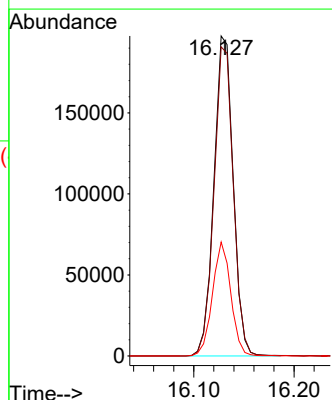
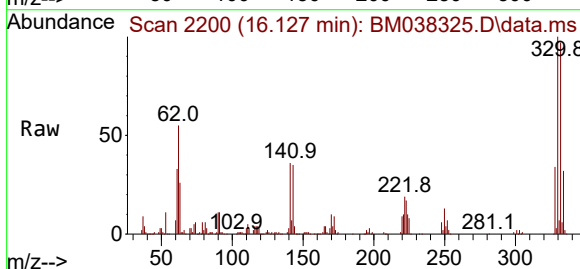
Instrument :
BNA_M
ClientSampleId :
PB149775BS

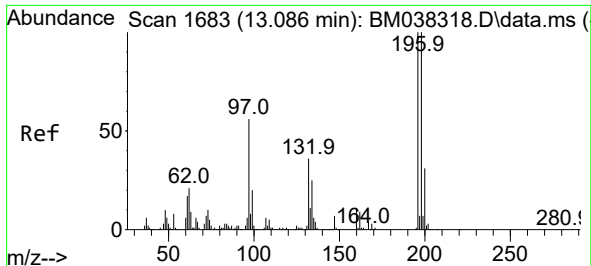
Tgt Ion:237 Resp: 464645
Ion Ratio Lower Upper
237 100
235 63.4 43.4 83.4
272 12.7 0.0 32.3



#42
2,4,6-Tribromophenol
Concen: 82.971 ng
RT: 16.127 min Scan# 2200
Delta R.T. -0.006 min
Lab File: BM038325.D
Acq: 27 Dec 2022 21:11

Tgt Ion:330 Resp: 264017
Ion Ratio Lower Upper
330 100
332 96.9 77.2 115.8
141 34.0 27.0 40.6

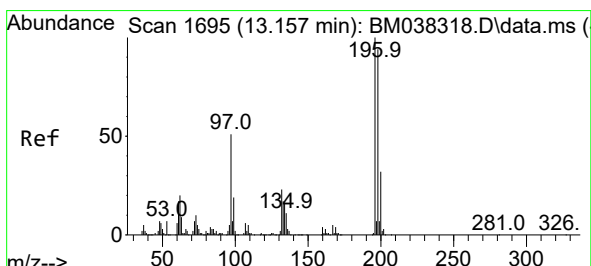
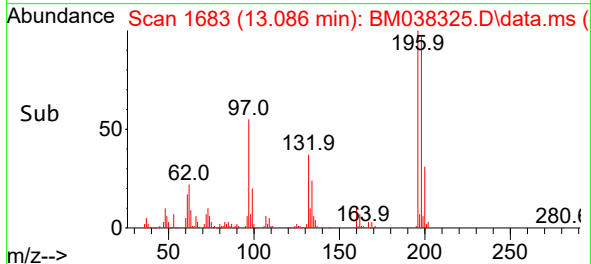
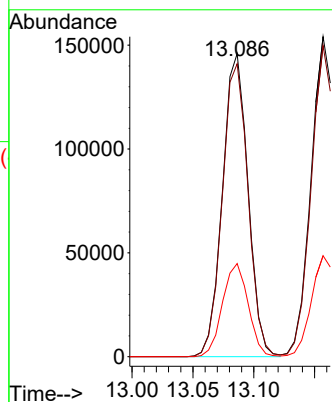
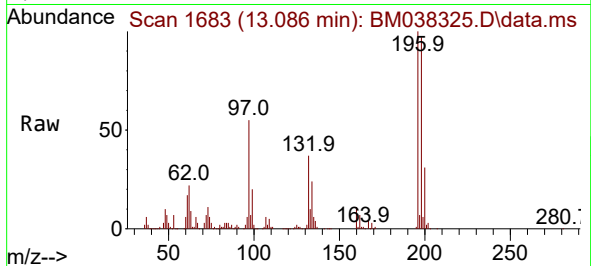




#43
2,4,6-Trichlorophenol
Concen: 42.216 ng
RT: 13.086 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM038325.D
Acq: 27 Dec 2022 21:11

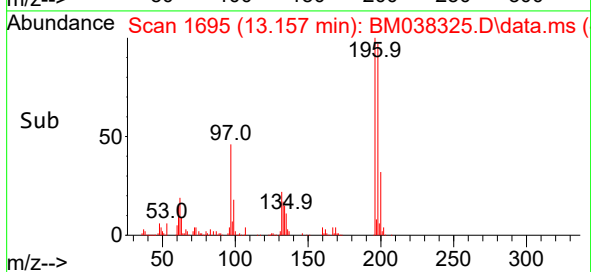
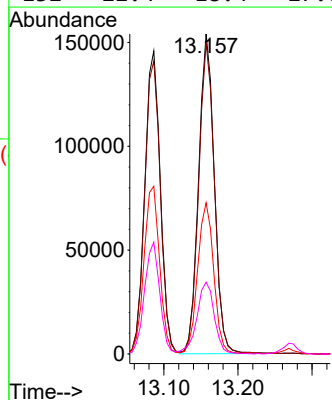
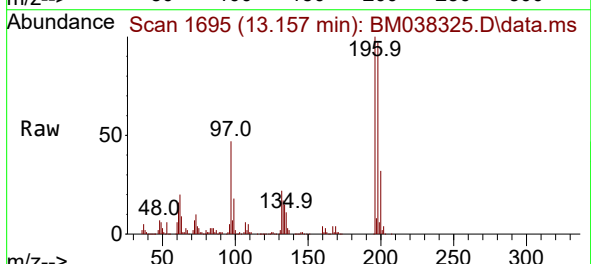
Instrument :
BNA_M
ClientSampleId :
PB149775BS

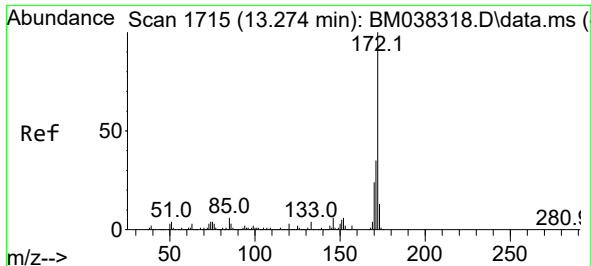
Tgt Ion:196 Resp: 213090
Ion Ratio Lower Upper
196 100
198 96.7 79.9 119.9
200 30.7 24.9 37.3



#44
2,4,5-Trichlorophenol
Concen: 38.648 ng
RT: 13.157 min Scan# 1695
Delta R.T. 0.000 min
Lab File: BM038325.D
Acq: 27 Dec 2022 21:11

Tgt Ion:196 Resp: 227270
Ion Ratio Lower Upper
196 100
198 97.2 75.2 112.8
97 47.3 41.2 61.8
132 22.4 18.4 27.6

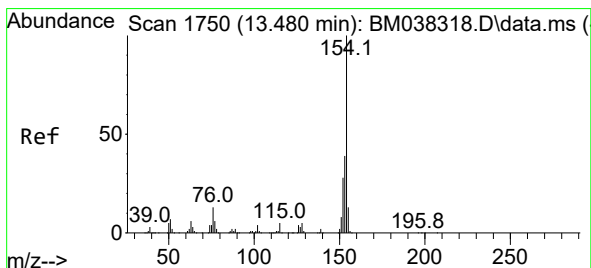
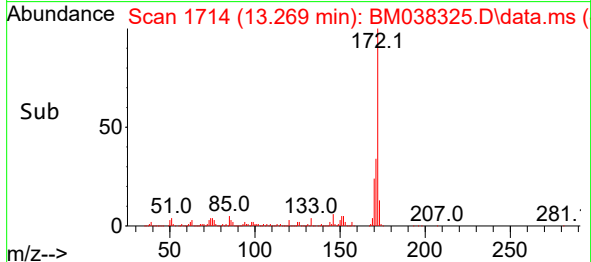
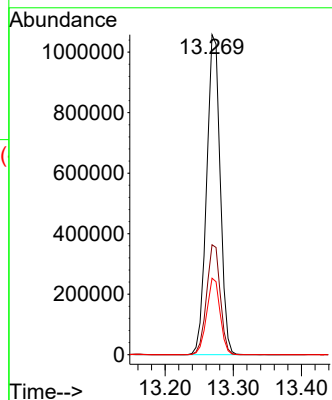
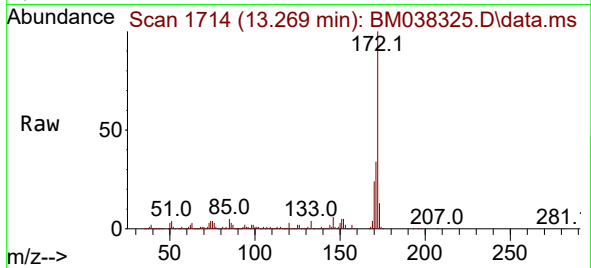




#45
2-Fluorobiphenyl
Concen: 88.109 ng
RT: 13.269 min Scan# 1714
Delta R.T. -0.006 min
Lab File: BM038325.D
Acq: 27 Dec 2022 21:11

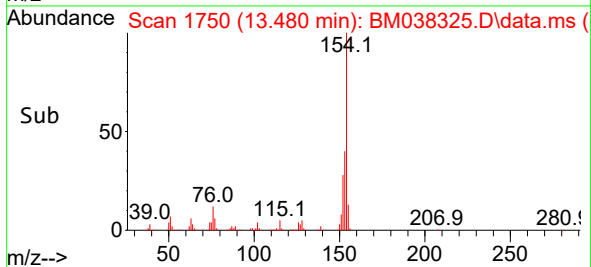
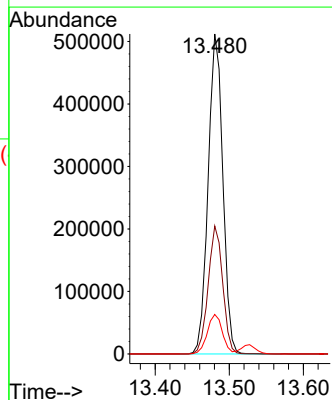
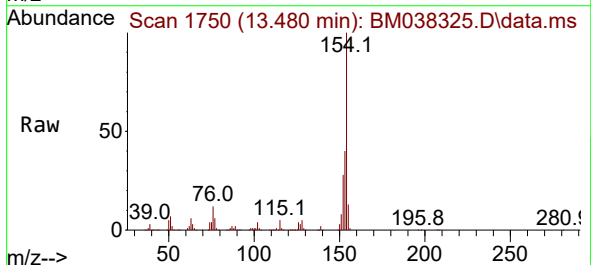
Instrument :
BNA_M
ClientSampleId :
PB149775BS

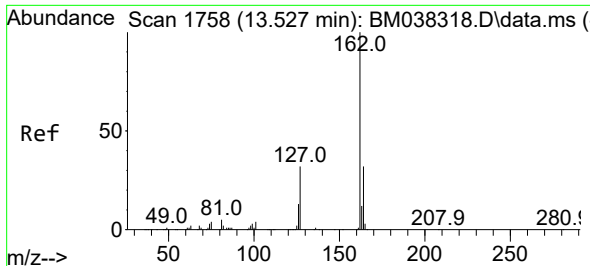
Tgt Ion:172 Resp: 1462538
Ion Ratio Lower Upper
172 100
171 34.4 28.2 42.2
170 23.9 19.0 28.4



#46
1,1'-Biphenyl
Concen: 42.709 ng
RT: 13.480 min Scan# 1750
Delta R.T. 0.000 min
Lab File: BM038325.D
Acq: 27 Dec 2022 21:11

Tgt Ion:154 Resp: 704218
Ion Ratio Lower Upper
154 100
153 40.0 19.1 59.1
76 12.3 0.0 32.7

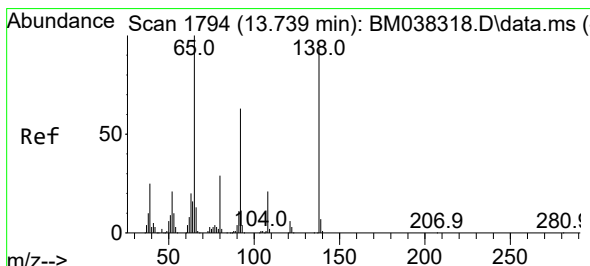
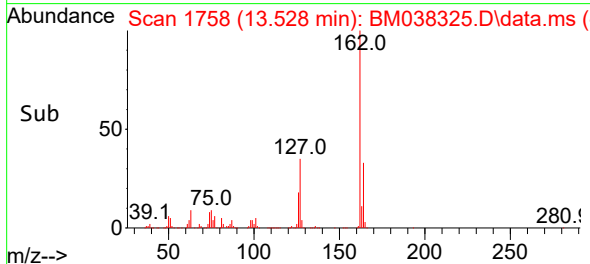
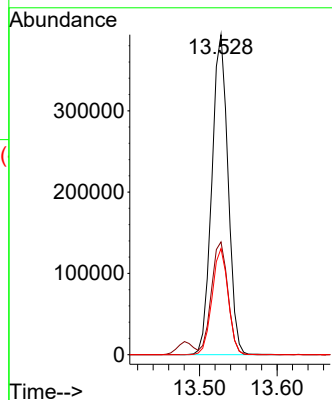
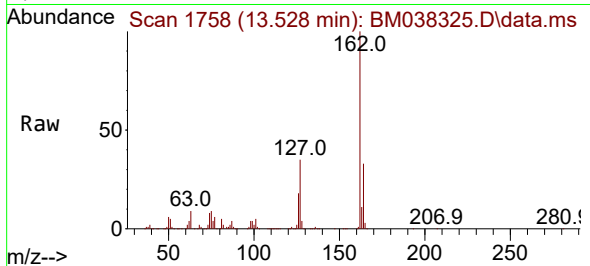




#47
2-Chloronaphthalene
Concen: 43.876 ng
RT: 13.528 min Scan# 1758
Delta R.T. 0.000 min
Lab File: BM038325.D
Acq: 27 Dec 2022 21:11

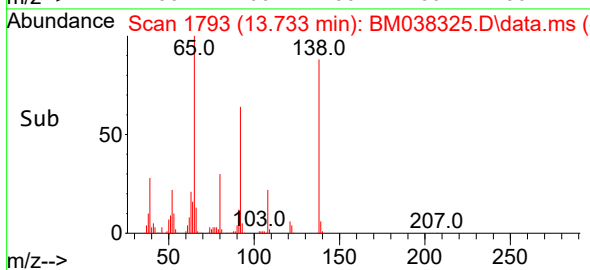
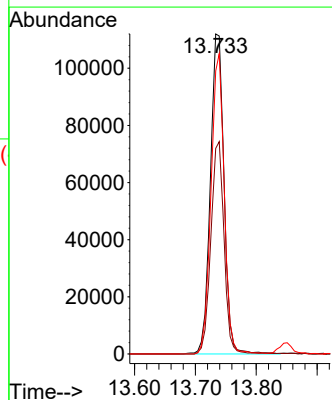
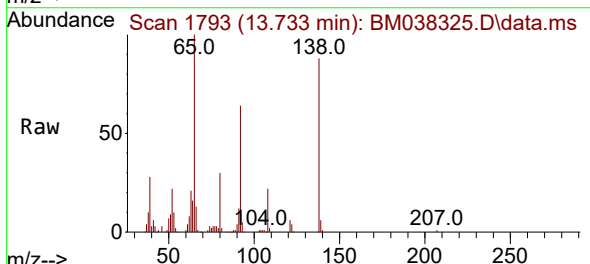
Instrument :
BNA_M
ClientSampleId :
PB149775BS

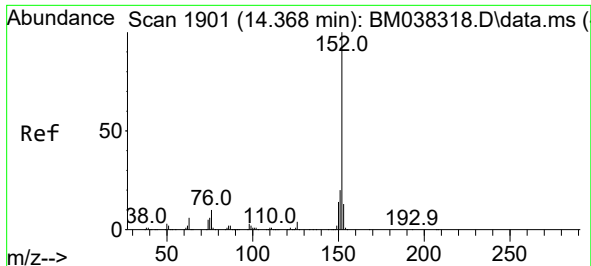
Tgt Ion:162 Resp: 571062
Ion Ratio Lower Upper
162 100
127 35.3 28.6 43.0
164 33.2 26.0 39.0



#48
2-Nitroaniline
Concen: 39.885 ng
RT: 13.733 min Scan# 1793
Delta R.T. -0.006 min
Lab File: BM038325.D
Acq: 27 Dec 2022 21:11

Tgt Ion: 65 Resp: 174391
Ion Ratio Lower Upper
65 100
92 64.3 50.3 75.5
138 88.5 74.3 111.5

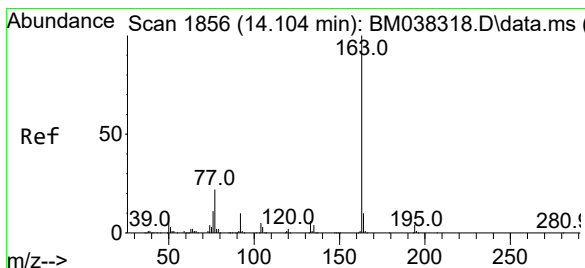
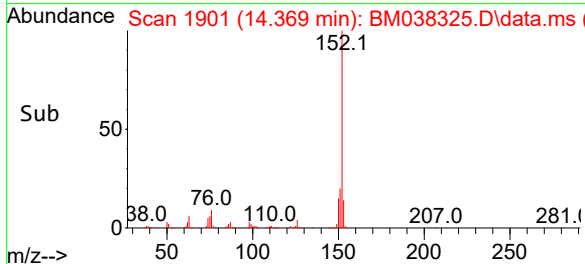
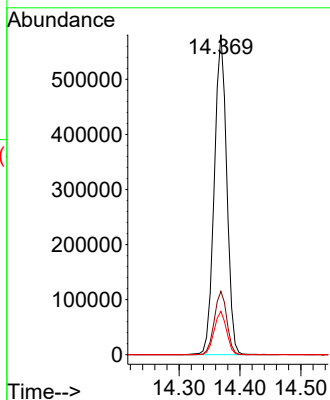
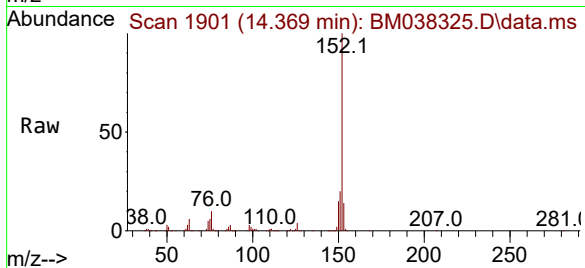




#49
Acenaphthylene
Concen: 40.005 ng
RT: 14.369 min Scan# 1901
Delta R.T. 0.001 min
Lab File: BM038325.D
Acq: 27 Dec 2022 21:11

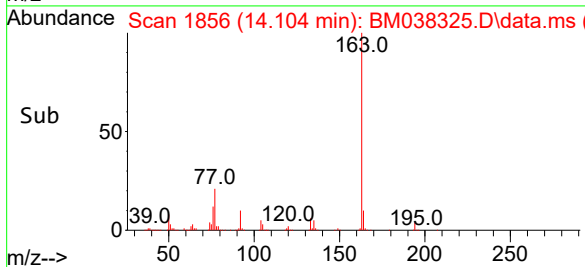
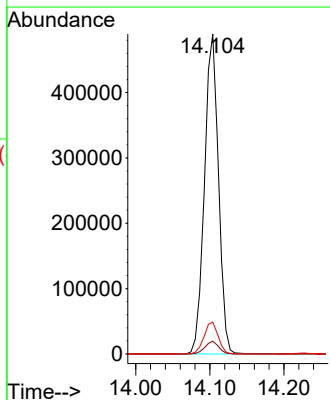
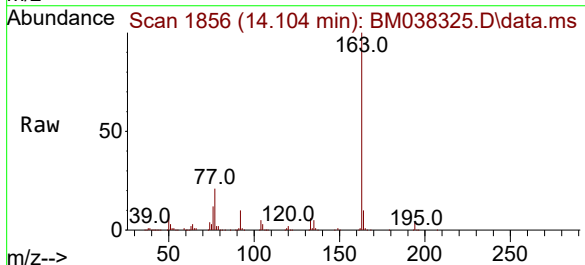
Instrument :
BNA_M
ClientSampleId :
PB149775BS

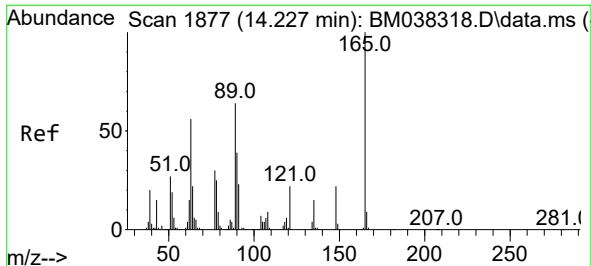
Tgt Ion:152 Resp: 821841
Ion Ratio Lower Upper
152 100
151 19.8 15.8 23.6
153 13.6 10.3 15.5



#50
Dimethylphthalate
Concen: 38.664 ng
RT: 14.104 min Scan# 1856
Delta R.T. 0.000 min
Lab File: BM038325.D
Acq: 27 Dec 2022 21:11

Tgt Ion:163 Resp: 642842
Ion Ratio Lower Upper
163 100
194 4.0 3.2 4.8
164 10.0 8.2 12.2

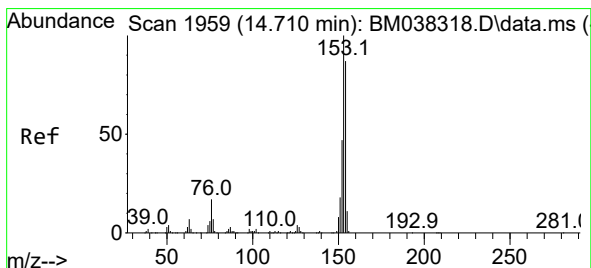
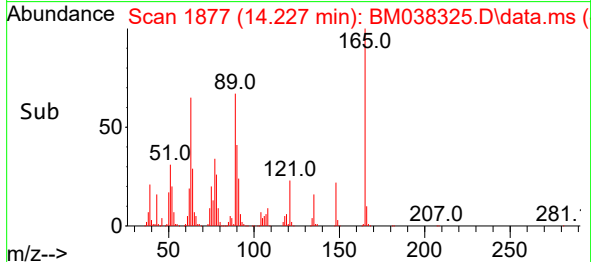
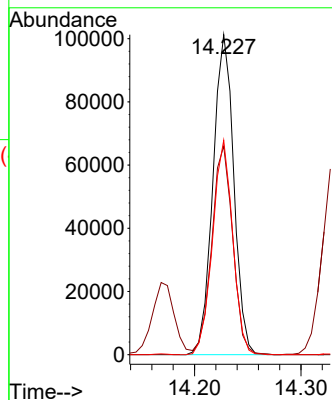
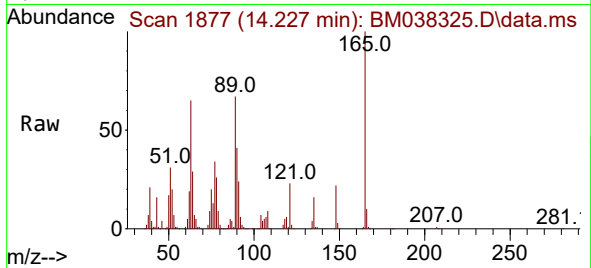




#51
2,6-Dinitrotoluene
Concen: 39.280 ng
RT: 14.227 min Scan# 1877
Delta R.T. 0.000 min
Lab File: BM038325.D
Acq: 27 Dec 2022 21:11

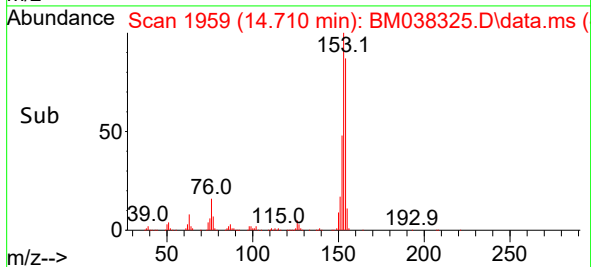
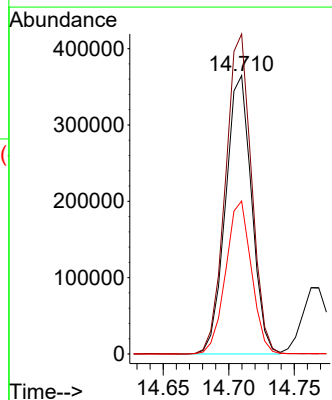
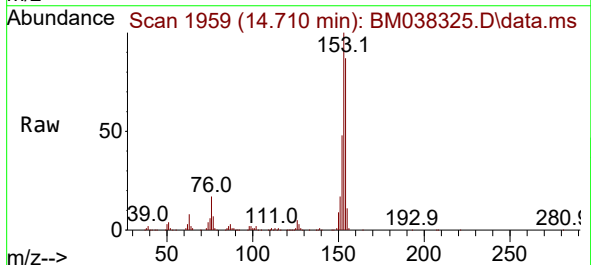
Instrument :
BNA_M
ClientSampleId :
PB149775BS

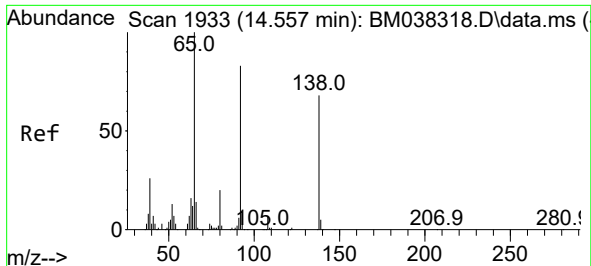
Tgt Ion:165 Resp: 137657
Ion Ratio Lower Upper
165 100
63 65.2 50.3 75.5
89 67.0 51.3 76.9



#52
Acenaphthene
Concen: 40.726 ng
RT: 14.710 min Scan# 1959
Delta R.T. -0.000 min
Lab File: BM038325.D
Acq: 27 Dec 2022 21:11

Tgt Ion:154 Resp: 504485
Ion Ratio Lower Upper
154 100
153 114.9 91.6 137.4
152 54.9 43.0 64.6

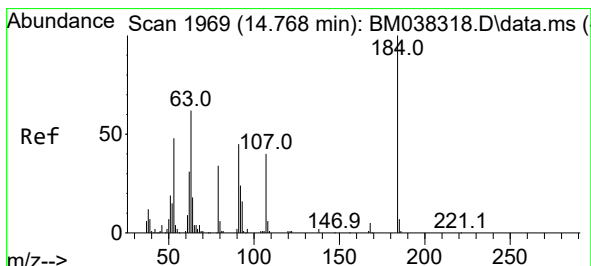
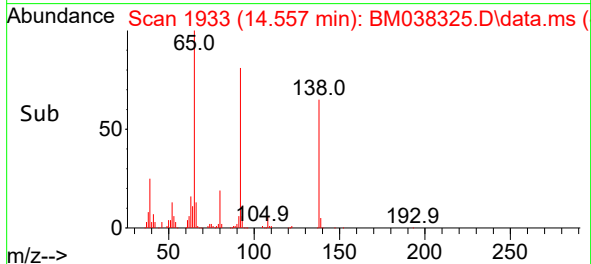
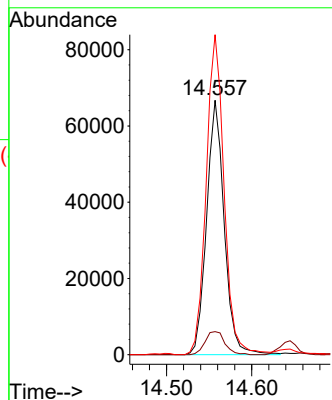
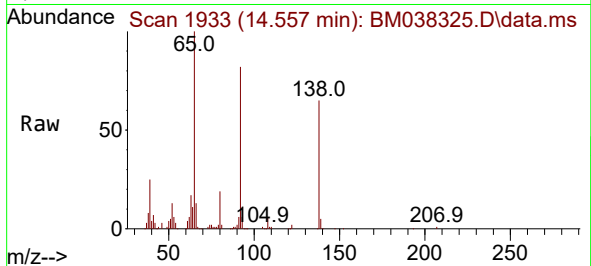




#53
3-Nitroaniline
Concen: 26.820 ng
RT: 14.557 min Scan# 1933
Delta R.T. -0.000 min
Lab File: BM038325.D
Acq: 27 Dec 2022 21:11

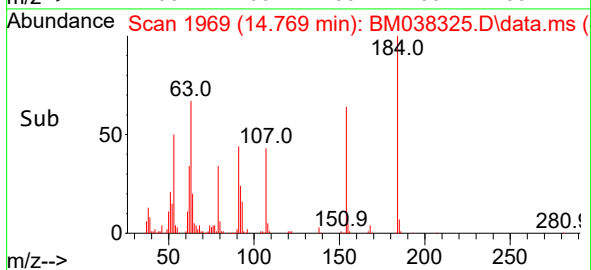
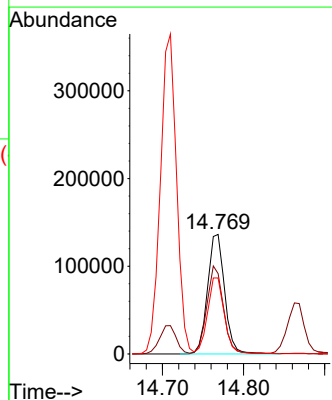
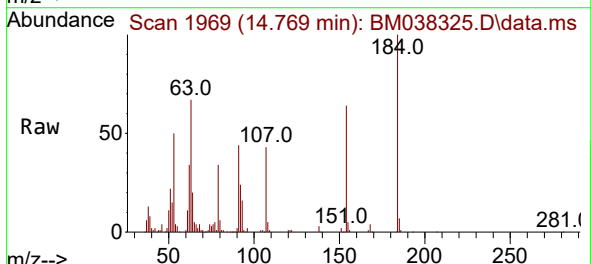
Instrument :
BNA_M
ClientSampleId :
PB149775BS

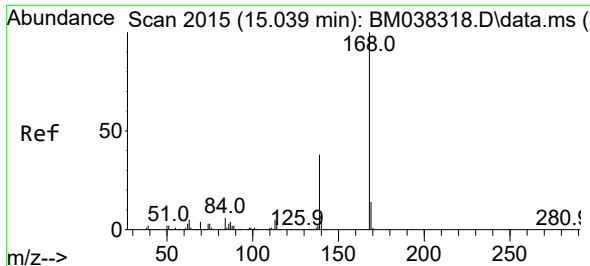
Tgt Ion:138 Resp: 96092
Ion Ratio Lower Upper
138 100
108 9.1 7.8 11.6
92 125.8 98.4 147.6



#54
2,4-Dinitrophenol
Concen: 74.246 ng
RT: 14.769 min Scan# 1969
Delta R.T. 0.001 min
Lab File: BM038325.D
Acq: 27 Dec 2022 21:11

Tgt Ion:184 Resp: 199594
Ion Ratio Lower Upper
184 100
63 67.2 54.3 81.5
154 63.5 45.8 68.8

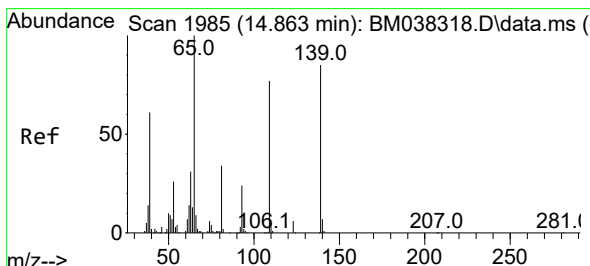
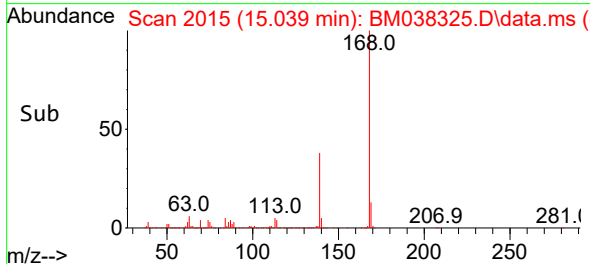
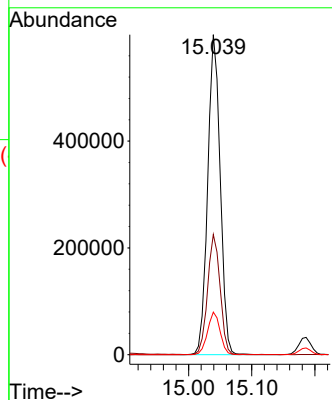
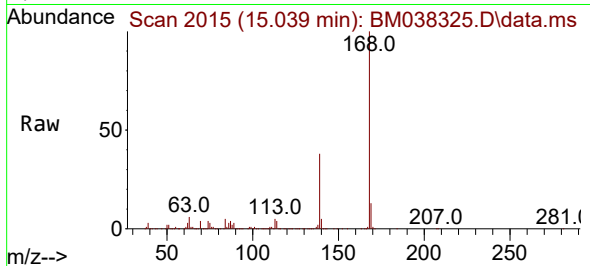




#55
Dibenzenofuran
Concen: 39.788 ng
RT: 15.039 min Scan# 20
Delta R.T. 0.000 min
Lab File: BM038325.D
Acq: 27 Dec 2022 21:11

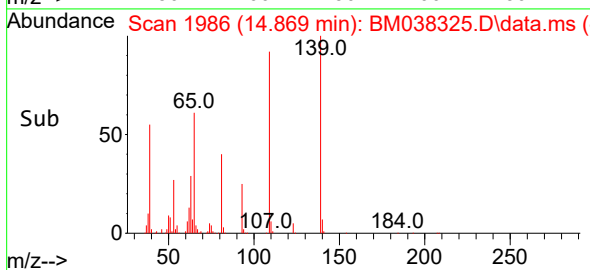
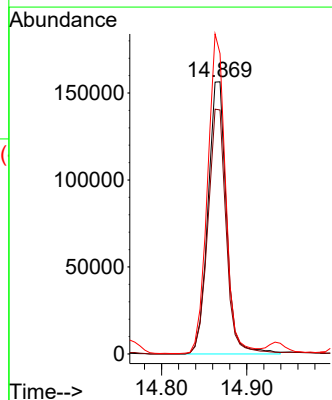
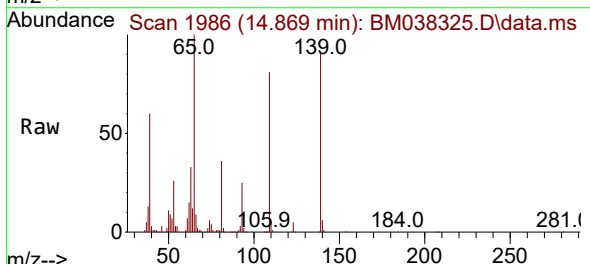
Instrument :
BNA_M
ClientSampleId :
PB149775BS

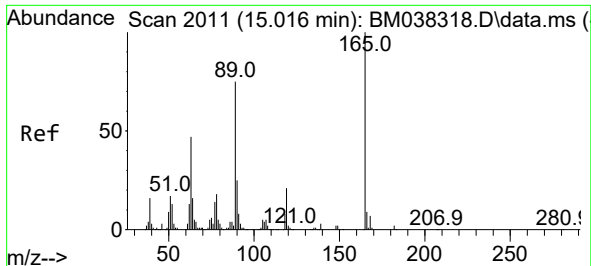
Tgt Ion:168 Resp: 820484
Ion Ratio Lower Upper
168 100
139 37.6 30.2 45.4
169 13.3 11.0 16.6



#56
4-Nitrophenol
Concen: 81.934 ng
RT: 14.869 min Scan# 1986
Delta R.T. 0.006 min
Lab File: BM038325.D
Acq: 27 Dec 2022 21:11

Tgt Ion:139 Resp: 236156
Ion Ratio Lower Upper
139 100
109 89.6 70.4 110.4
65 110.4 97.8 137.8





#57

2,4-Dinitrotoluene

Concen: 39.869 ng

RT: 15.010 min Scan# 20

Delta R.T. -0.006 min

Lab File: BM038325.D

Acq: 27 Dec 2022 21:11

Instrument :

BNA_M

ClientSampleId :

PB149775BS

Tgt Ion:165 Resp: 190184

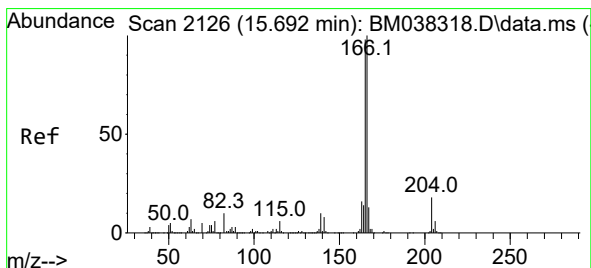
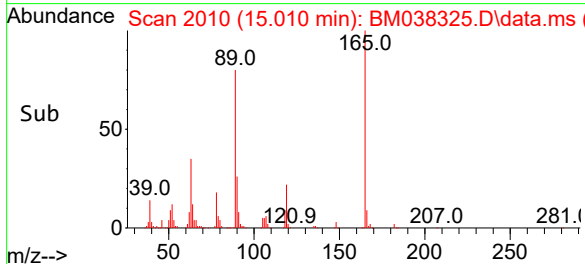
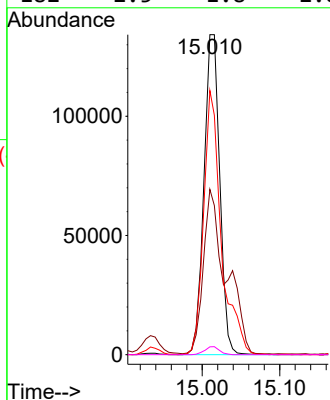
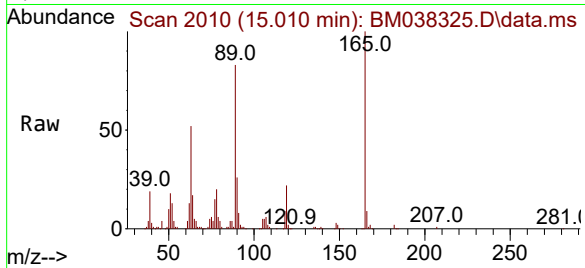
Ion Ratio Lower Upper

165 100

63 51.7 37.6 56.4

89 82.5 59.8 89.8

182 2.5 1.8 2.8



#58

Fluorene

Concen: 40.675 ng

RT: 15.686 min Scan# 2125

Delta R.T. -0.006 min

Lab File: BM038325.D

Acq: 27 Dec 2022 21:11

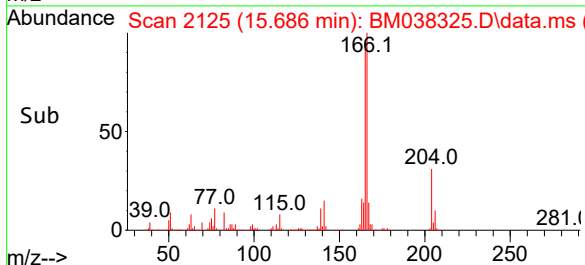
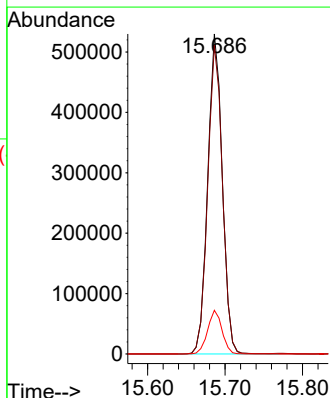
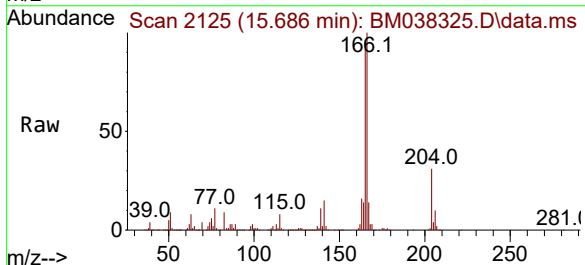
Tgt Ion:166 Resp: 690539

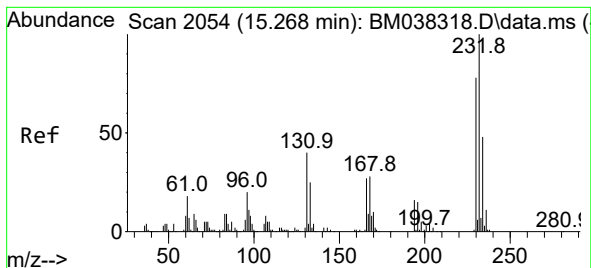
Ion Ratio Lower Upper

166 100

165 96.4 78.6 117.8

167 13.7 10.6 16.0

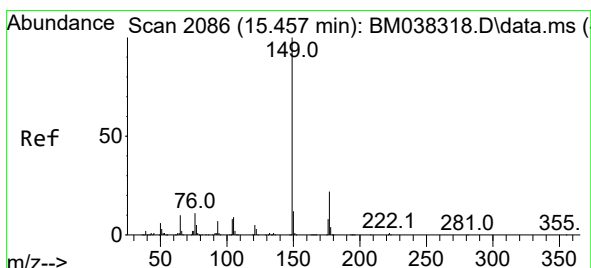
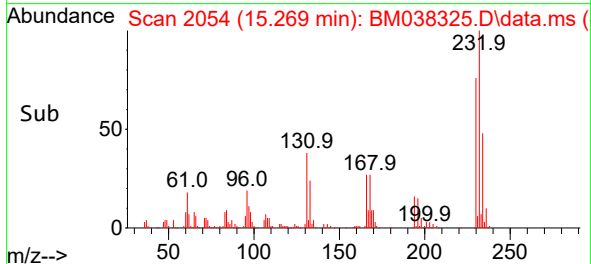
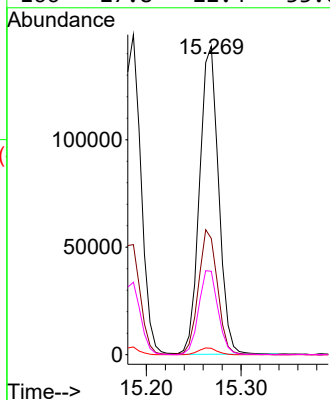
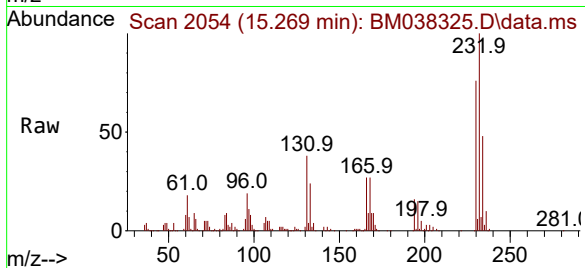




#59
2,3,4,6-Tetrachlorophenol
Concen: 40.066 ng
RT: 15.269 min Scan# 2054
Delta R.T. 0.000 min
Lab File: BM038325.D
Acq: 27 Dec 2022 21:11

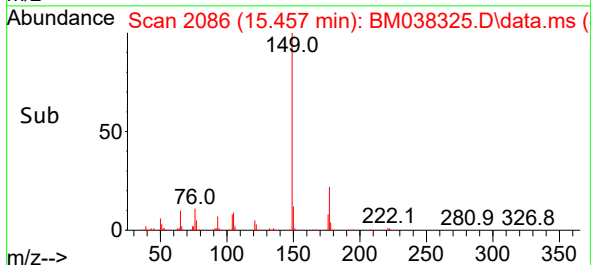
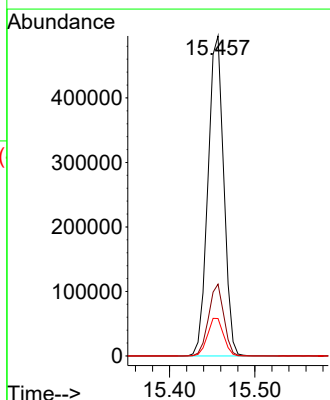
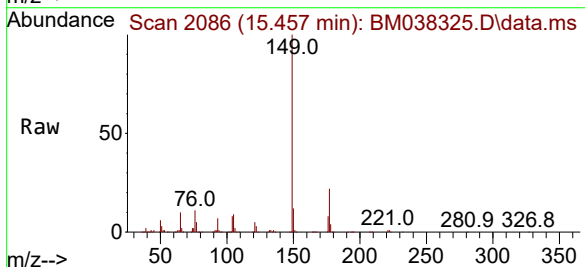
Instrument :
BNA_M
ClientSampleId :
PB149775BS

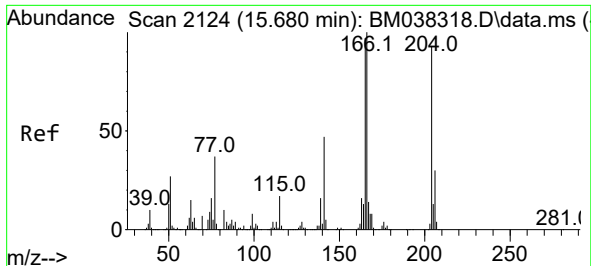
Tgt Ion:232 Resp: 199387
Ion Ratio Lower Upper
232 100
131 40.8 31.9 47.9
130 2.1 1.7 2.5
166 27.8 22.4 33.6



#60
Diethylphthalate
Concen: 38.499 ng
RT: 15.457 min Scan# 2086
Delta R.T. 0.000 min
Lab File: BM038325.D
Acq: 27 Dec 2022 21:11

Tgt Ion:149 Resp: 637297
Ion Ratio Lower Upper
149 100
177 22.5 17.3 25.9
150 11.7 9.5 14.3

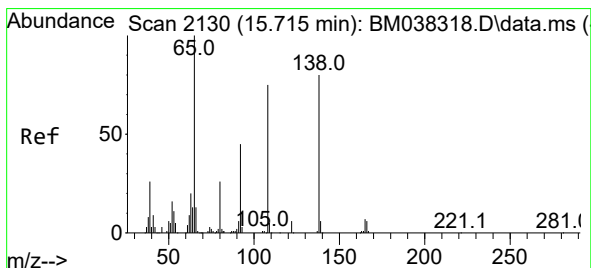
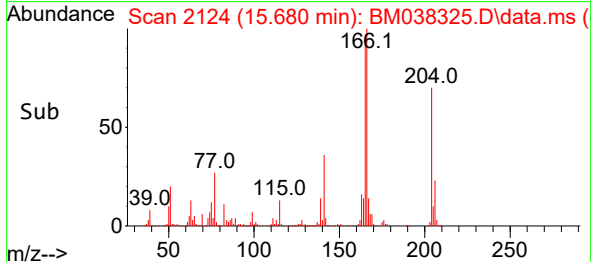
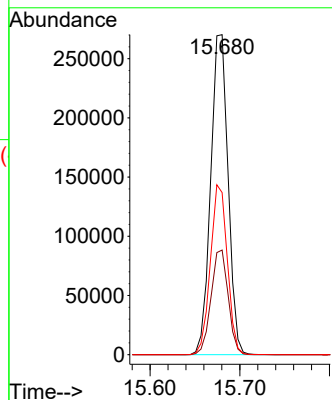
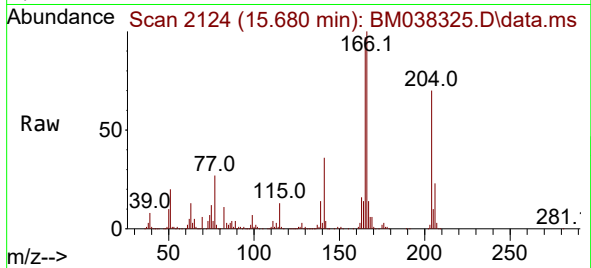




#61
4-Chlorophenyl-phenylether
Concen: 40.720 ng
RT: 15.680 min Scan# 2124
Delta R.T. 0.000 min
Lab File: BM038325.D
Acq: 27 Dec 2022 21:11

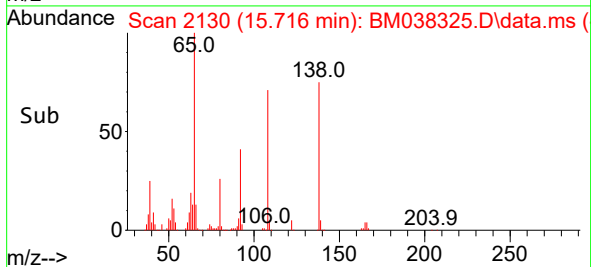
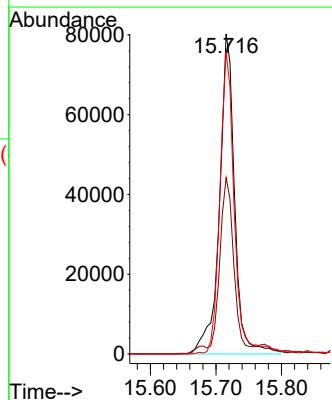
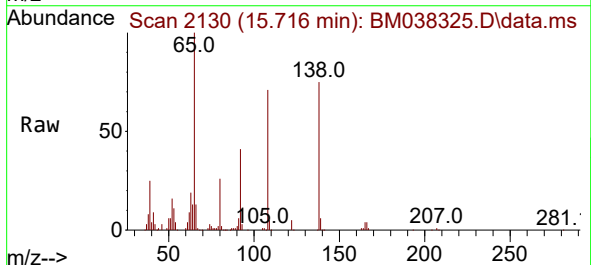
Instrument :
BNA_M
ClientSampleId :
PB149775BS

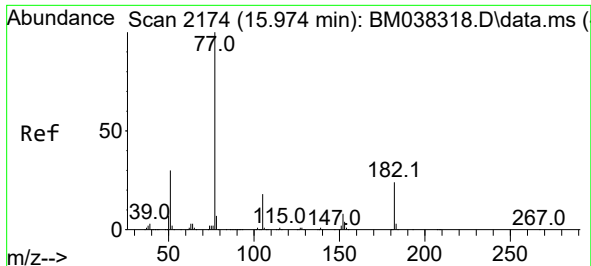
Tgt Ion:204 Resp: 363894
Ion Ratio Lower Upper
204 100
206 32.7 25.4 38.0
141 50.7 40.7 61.1



#62
4-Nitroaniline
Concen: 35.215 ng
RT: 15.716 min Scan# 2130
Delta R.T. 0.000 min
Lab File: BM038325.D
Acq: 27 Dec 2022 21:11

Tgt Ion:138 Resp: 129204
Ion Ratio Lower Upper
138 100
92 55.1 36.0 76.0
108 94.3 74.5 114.5

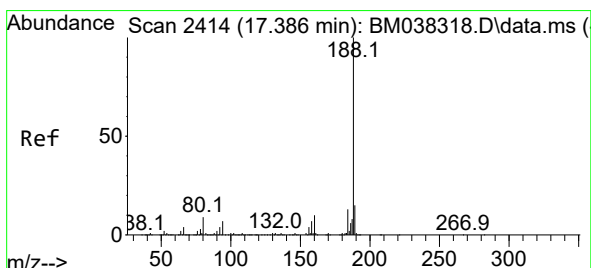
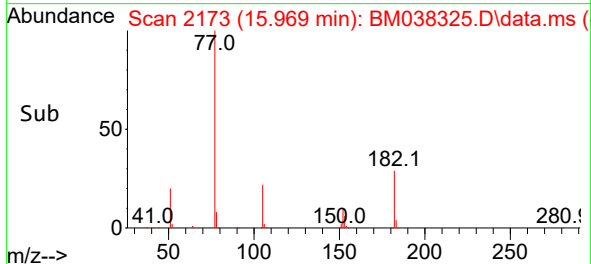
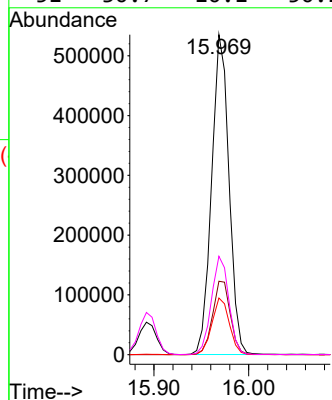
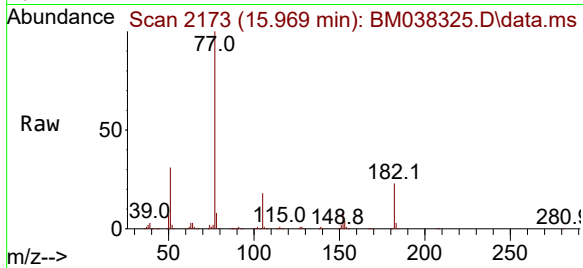




#63
 Azobenzene
 Concen: 39.523 ng
 RT: 15.969 min Scan# 2173
 Delta R.T. -0.006 min
 Lab File: BM038325.D
 Acq: 27 Dec 2022 21:11

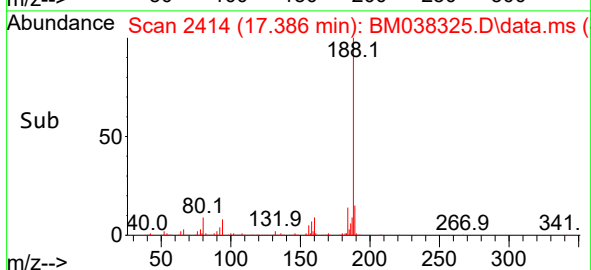
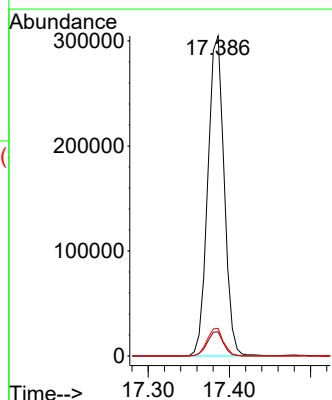
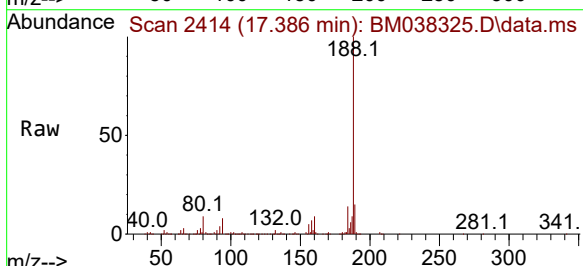
Instrument :
 BNA_M
 ClientSampleId :
 PB149775BS

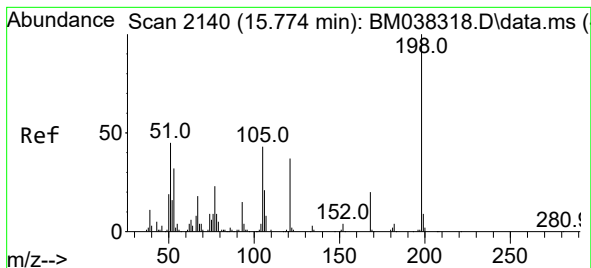
Tgt Ion: 77	Resp: 680555
Ion Ratio	Lower Upper
77 100	
182 22.9	3.9 43.9
105 17.7	0.0 38.1
51 30.7	10.1 50.1



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.386 min Scan# 2414
 Delta R.T. 0.000 min
 Lab File: BM038325.D
 Acq: 27 Dec 2022 21:11

Tgt Ion: 188	Resp: 425282
Ion Ratio	Lower Upper
188 100	
94 7.6	5.8 8.6
80 8.6	7.1 10.7

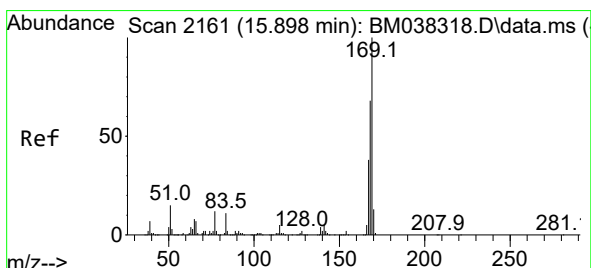
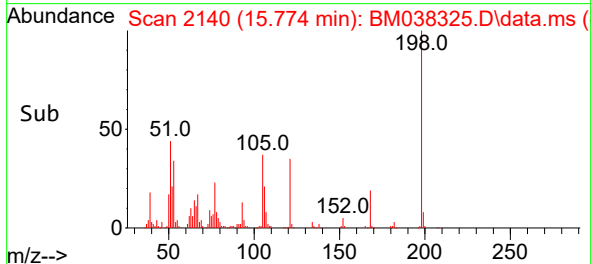
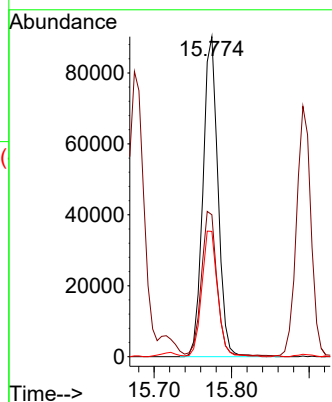
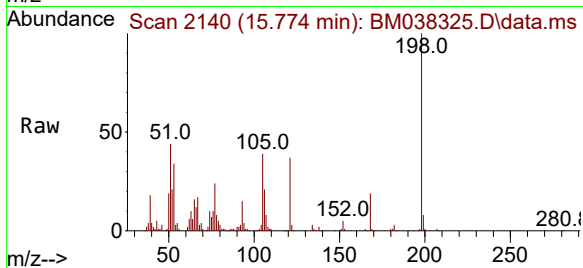




#65
4,6-Dinitro-2-methylphenol
Concen: 42.073 ng
RT: 15.774 min Scan# 2140
Delta R.T. 0.000 min
Lab File: BM038325.D
Acq: 27 Dec 2022 21:11

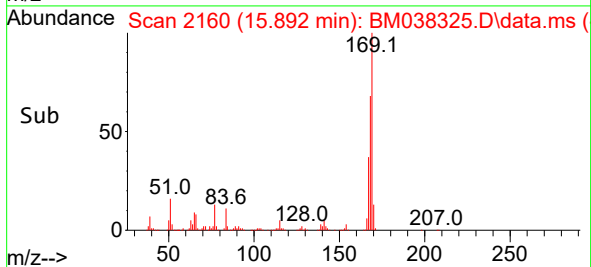
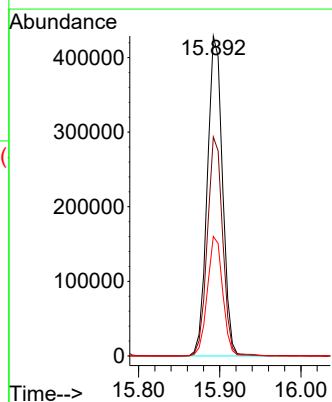
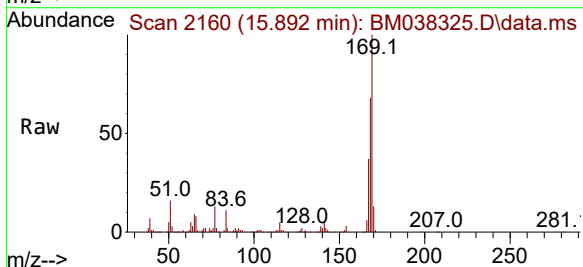
Instrument :
BNA_M
ClientSampleId :
PB149775BS

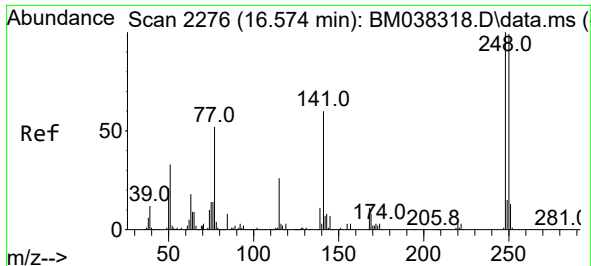
Tgt Ion:198 Resp: 121475
Ion Ratio Lower Upper
198 100
51 44.3 26.9 66.9
105 39.2 23.2 63.2



#66
n-Nitrosodiphenylamine
Concen: 43.416 ng
RT: 15.892 min Scan# 2160
Delta R.T. -0.006 min
Lab File: BM038325.D
Acq: 27 Dec 2022 21:11

Tgt Ion:169 Resp: 556616
Ion Ratio Lower Upper
169 100
168 68.4 54.8 82.2
167 37.4 30.2 45.2

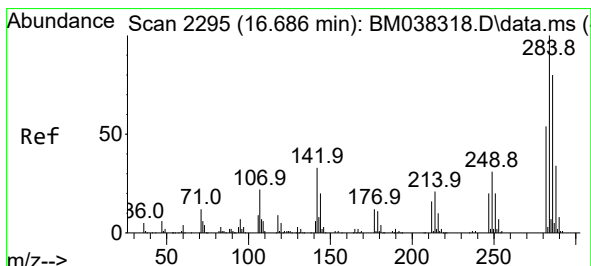
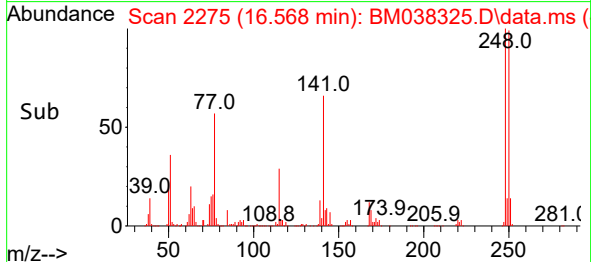
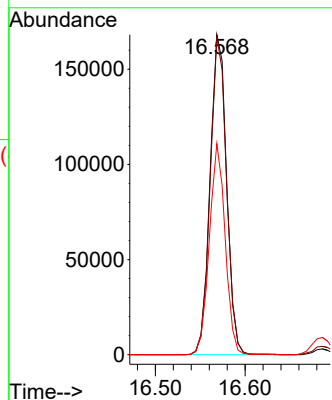
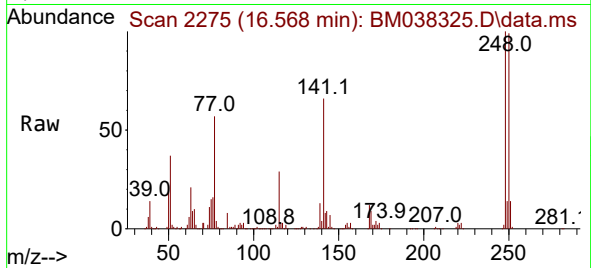




#67
4-Bromophenyl-phenylether
Concen: 44.913 ng
RT: 16.568 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM038325.D
Acq: 27 Dec 2022 21:11

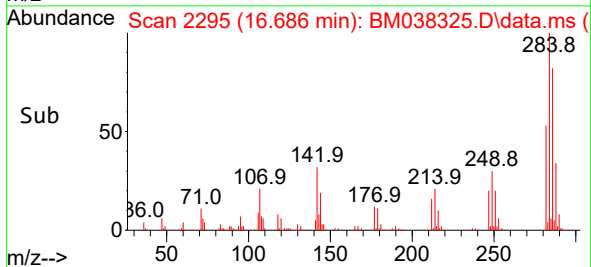
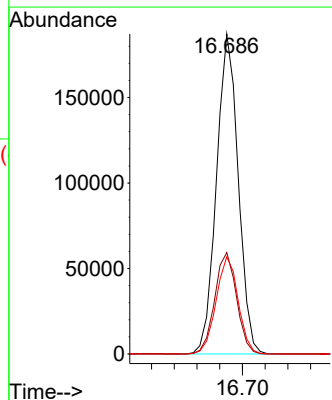
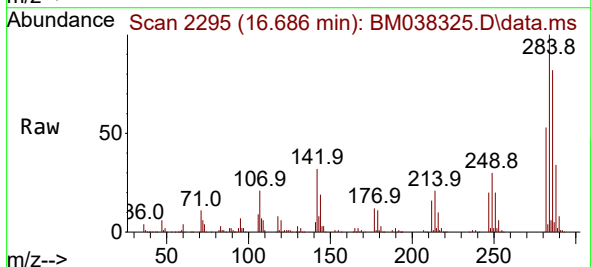
Instrument :
BNA_M
ClientSampleId :
PB149775BS

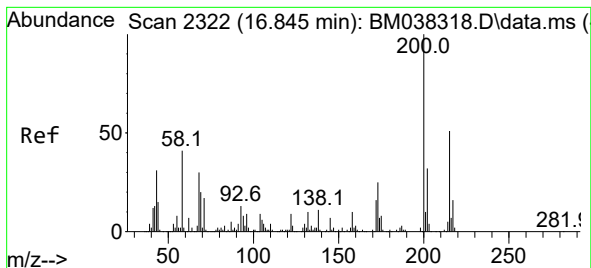
Tgt Ion:248 Resp: 214882
Ion Ratio Lower Upper
248 100
250 99.3 78.9 118.3
141 66.0 47.6 71.4



#68
Hexachlorobenzene
Concen: 46.928 ng
RT: 16.686 min Scan# 2295
Delta R.T. 0.000 min
Lab File: BM038325.D
Acq: 27 Dec 2022 21:11

Tgt Ion:284 Resp: 248740
Ion Ratio Lower Upper
284 100
142 31.7 26.6 40.0
249 30.4 24.5 36.7





#69

Atrazine

Concen: 44.794 ng

RT: 16.839 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM038325.D

Acq: 27 Dec 2022 21:11

Instrument :

BNA_M

ClientSampleId :

PB149775BS

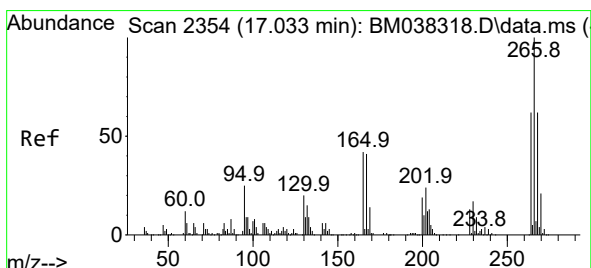
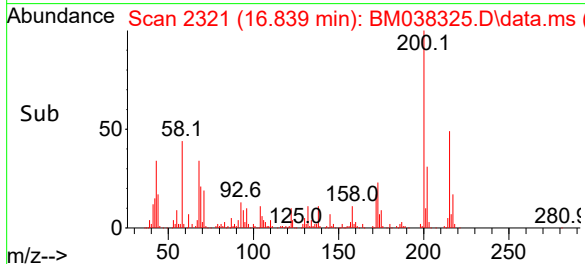
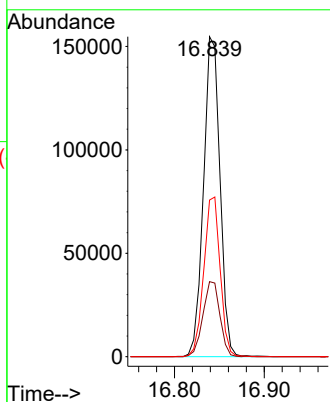
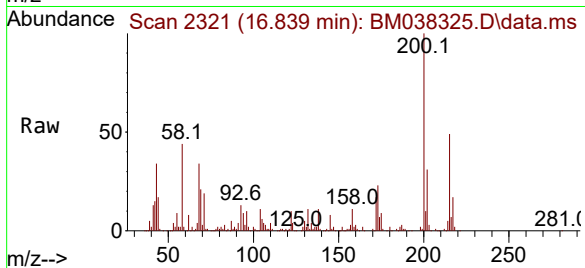
Tgt Ion:200 Resp: 197321

Ion Ratio Lower Upper

200 100

173 23.5 5.3 45.3

215 49.0 30.5 70.5



#70

Pentachlorophenol

Concen: 82.048 ng

RT: 17.033 min Scan# 2354

Delta R.T. 0.000 min

Lab File: BM038325.D

Acq: 27 Dec 2022 21:11

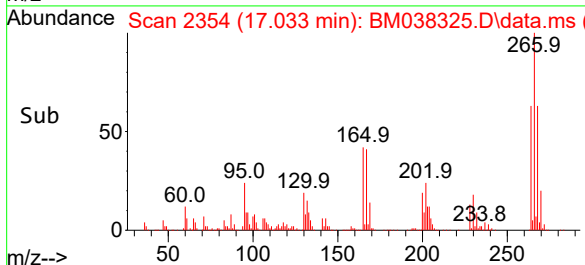
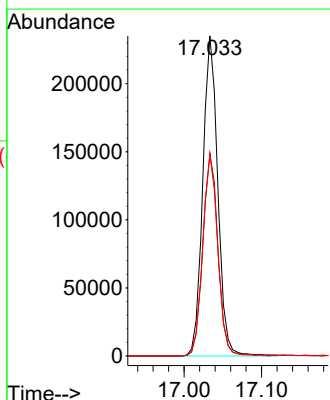
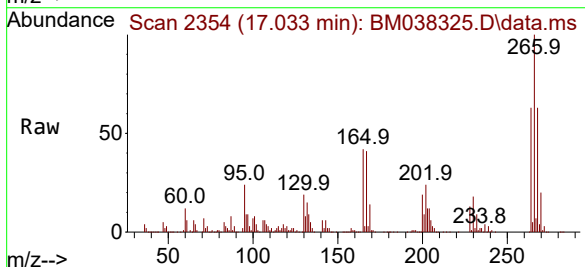
Tgt Ion:266 Resp: 316211

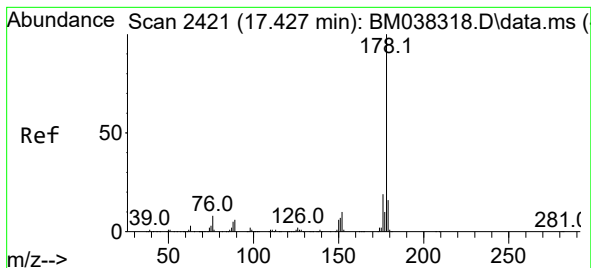
Ion Ratio Lower Upper

266 100

268 63.3 49.8 74.6

264 62.9 49.4 74.2





#71

Phenanthrene

Concen: 43.136 ng

RT: 17.427 min Scan# 2421

Delta R.T. 0.000 min

Lab File: BM038325.D

Acq: 27 Dec 2022 21:11

Instrument :

BNA_M

ClientSampleId :

PB149775BS

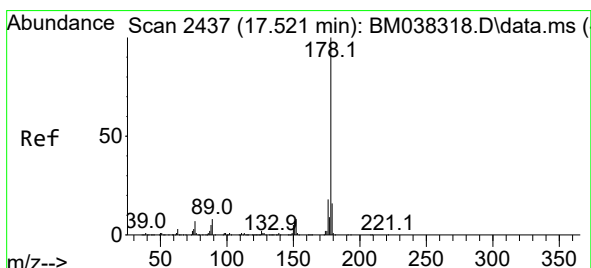
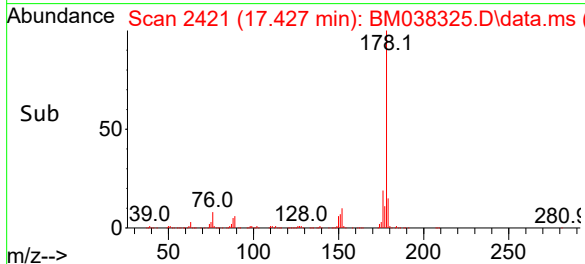
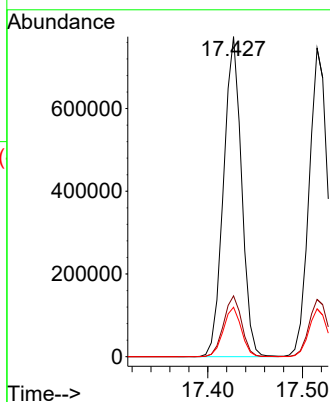
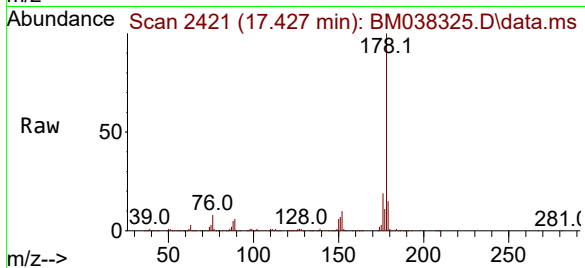
Tgt Ion:178 Resp: 1023781

Ion Ratio Lower Upper

178 100

176 19.0 15.2 22.8

179 15.4 12.4 18.6



#72

Anthracene

Concen: 42.272 ng

RT: 17.515 min Scan# 2436

Delta R.T. -0.006 min

Lab File: BM038325.D

Acq: 27 Dec 2022 21:11

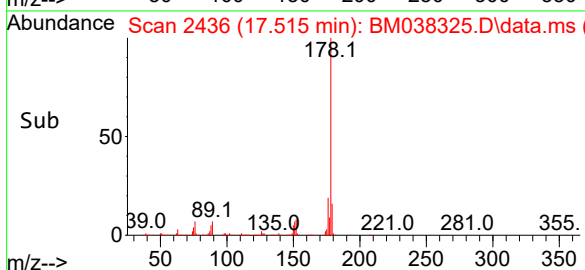
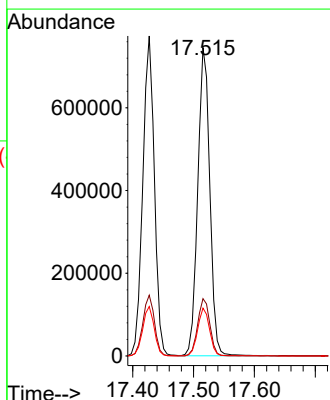
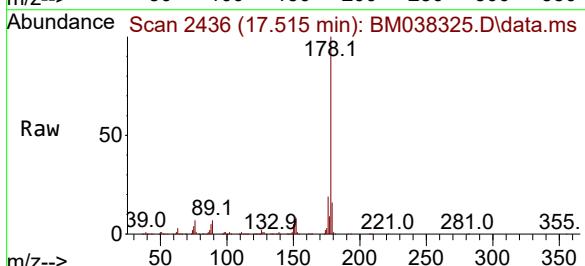
Tgt Ion:178 Resp: 1025981

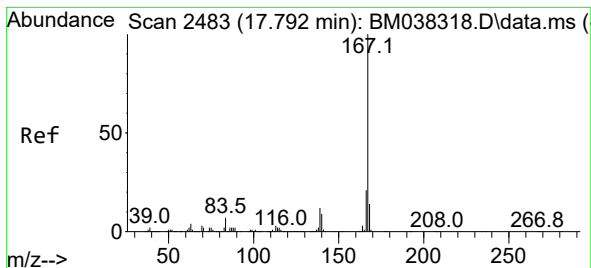
Ion Ratio Lower Upper

178 100

176 18.6 14.8 22.2

179 15.5 12.6 18.8





#73

Carbazole

Concen: 42.335 ng

RT: 17.792 min Scan# 2483

Delta R.T. 0.000 min

Lab File: BM038325.D

Acq: 27 Dec 2022 21:11

Instrument :

BNA_M

ClientSampleId :

PB149775BS

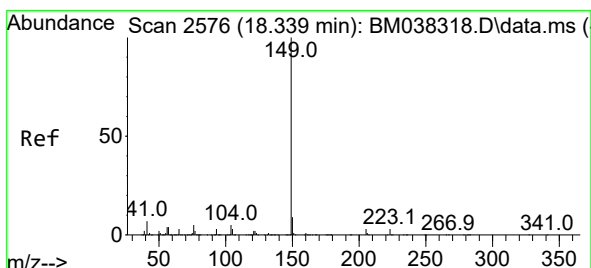
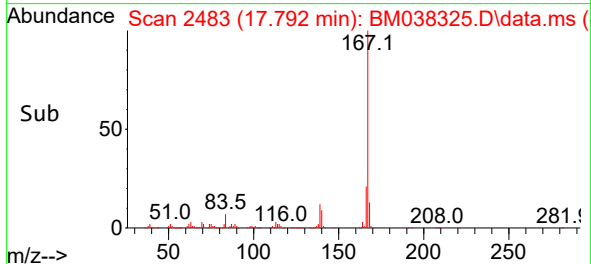
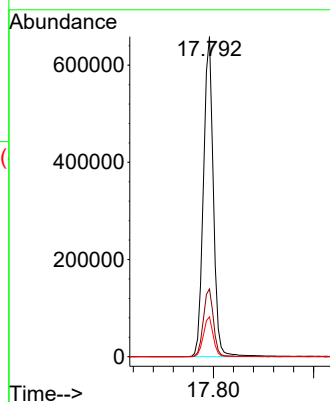
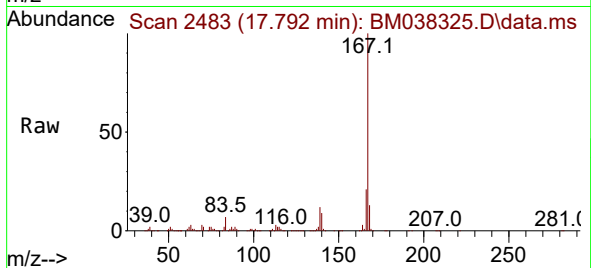
Tgt Ion:167 Resp: 903732

Ion Ratio Lower Upper

167 100

166 21.2 16.9 25.3

139 12.5 9.8 14.8



#74

Di-n-butylphthalate

Concen: 42.450 ng

RT: 18.339 min Scan# 2576

Delta R.T. 0.000 min

Lab File: BM038325.D

Acq: 27 Dec 2022 21:11

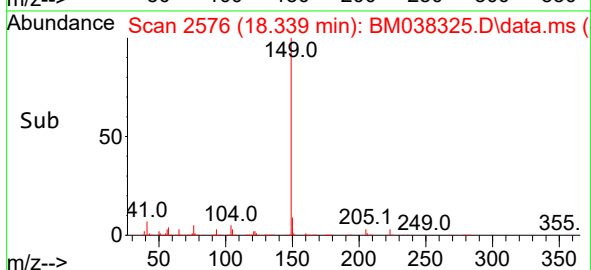
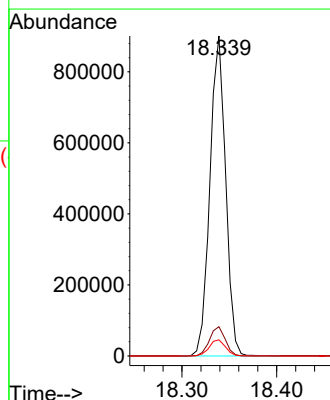
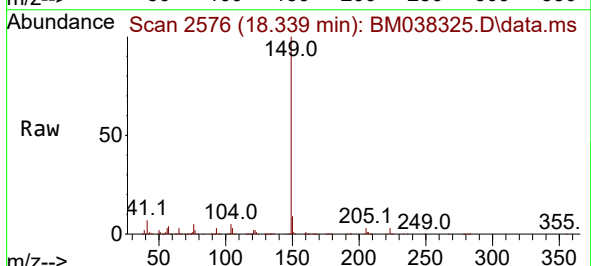
Tgt Ion:149 Resp: 1034801

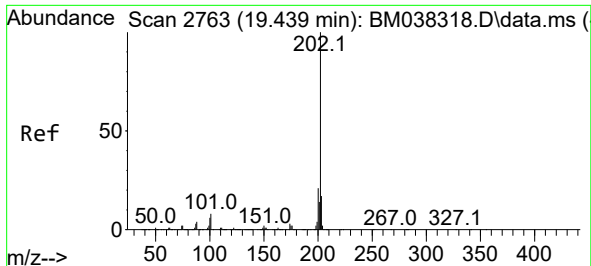
Ion Ratio Lower Upper

149 100

150 9.2 7.3 10.9

104 5.1 4.3 6.5

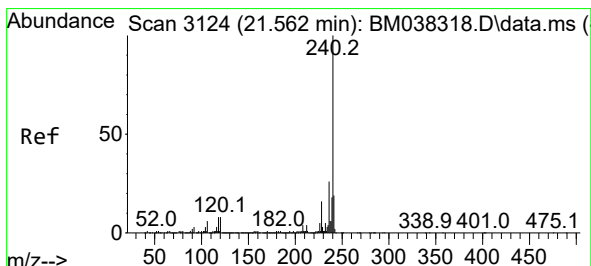
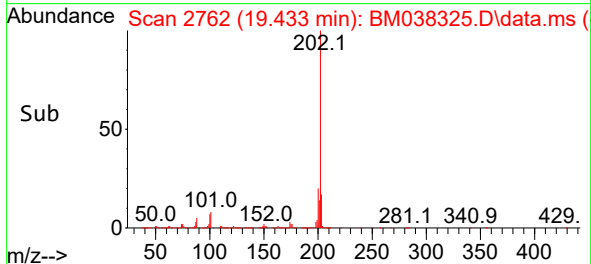
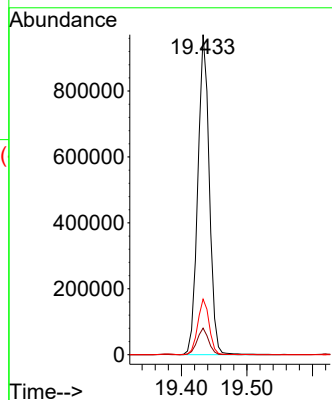
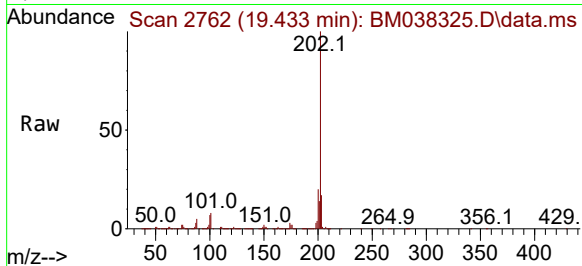




#75
Fluoranthene
Concen: 40.255 ng
RT: 19.433 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM038325.D
Acq: 27 Dec 2022 21:11

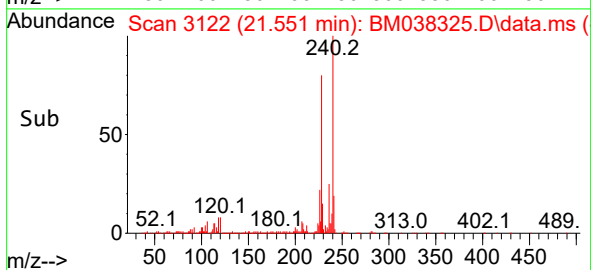
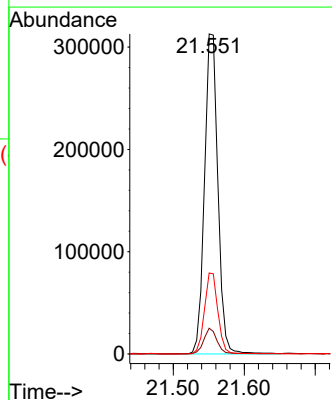
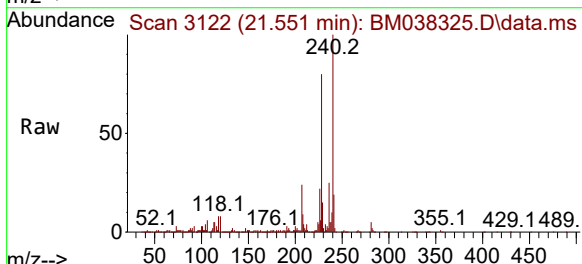
Instrument :
BNA_M
ClientSampleId :
PB149775BS

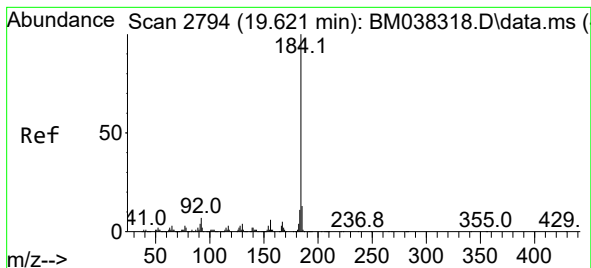
Tgt Ion:202 Resp: 1181327
Ion Ratio Lower Upper
202 100
101 8.3 0.0 27.9
203 17.4 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.551 min Scan# 3122
Delta R.T. -0.012 min
Lab File: BM038325.D
Acq: 27 Dec 2022 21:11

Tgt Ion:240 Resp: 411755
Ion Ratio Lower Upper
240 100
120 8.1 6.6 10.0
236 25.3 20.6 30.8





#77

Benzidine

Concen: 31.690 ng

RT: 19.621 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM038325.D

Acq: 27 Dec 2022 21:11

Instrument :

BNA_M

ClientSampleId :

PB149775BS

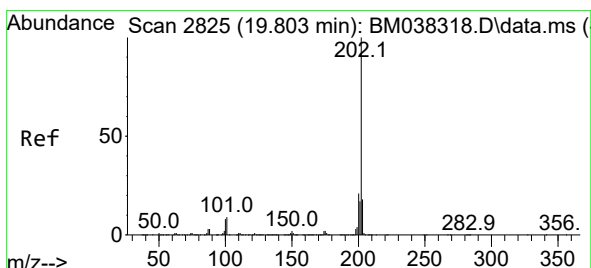
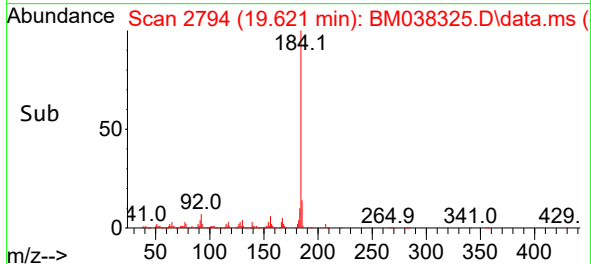
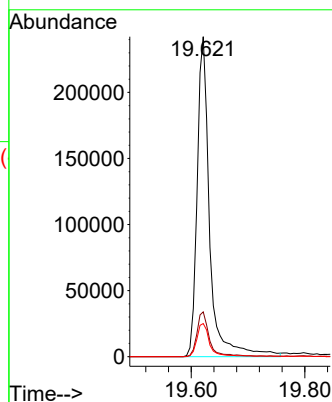
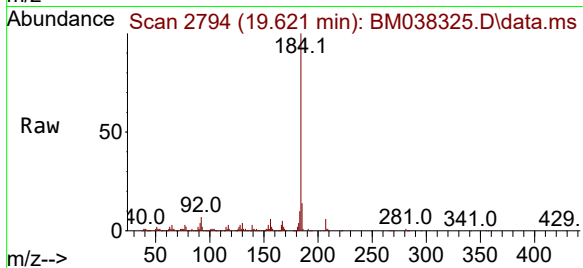
Tgt Ion:184 Resp: 372637

Ion Ratio Lower Upper

184 100

185 14.0 10.7 16.1

183 10.3 8.6 13.0



#78

Pyrene

Concen: 42.888 ng

RT: 19.798 min Scan# 2824

Delta R.T. -0.006 min

Lab File: BM038325.D

Acq: 27 Dec 2022 21:11

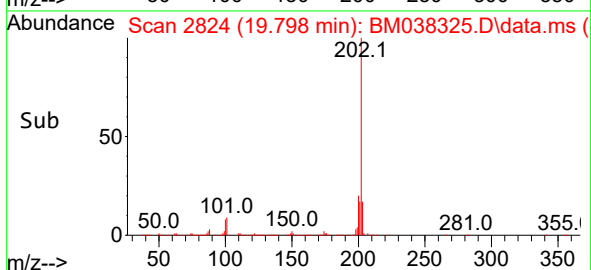
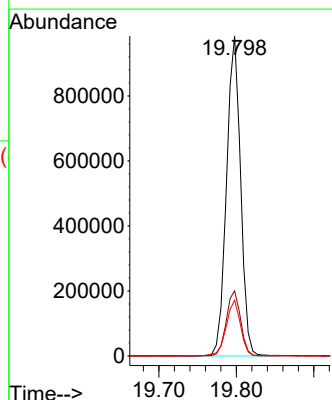
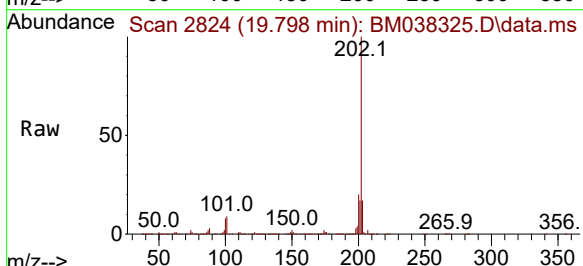
Tgt Ion:202 Resp: 1239726

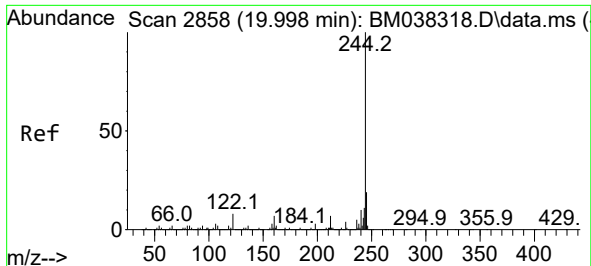
Ion Ratio Lower Upper

202 100

200 20.4 16.4 24.6

203 17.4 14.1 21.1

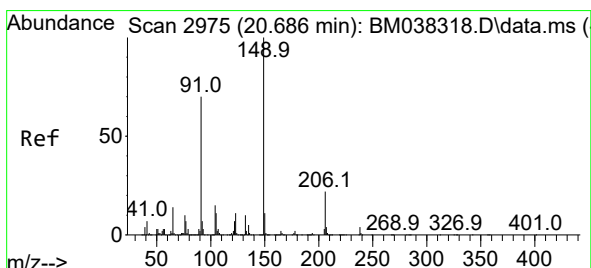
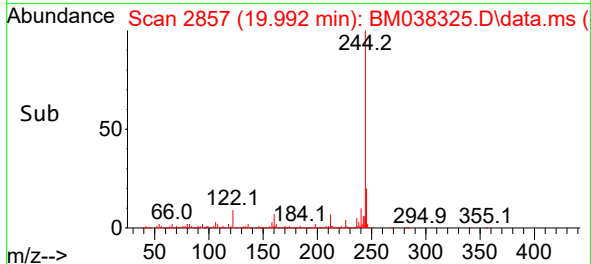
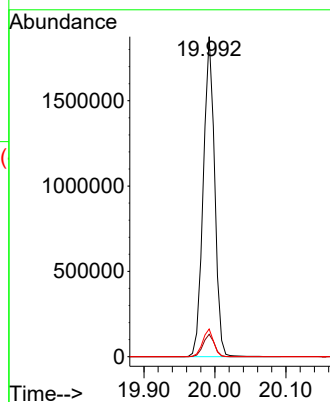
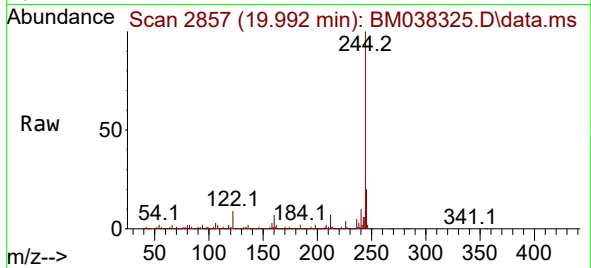




#79
 Terphenyl-d14
 Concen: 96.005 ng
 RT: 19.992 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM038325.D
 Acq: 27 Dec 2022 21:11

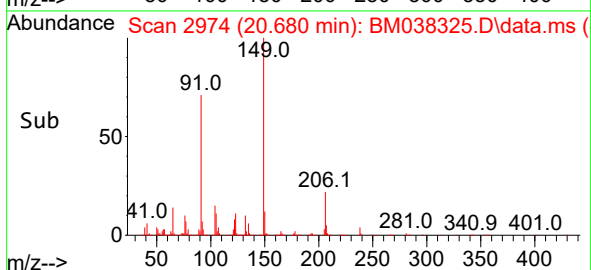
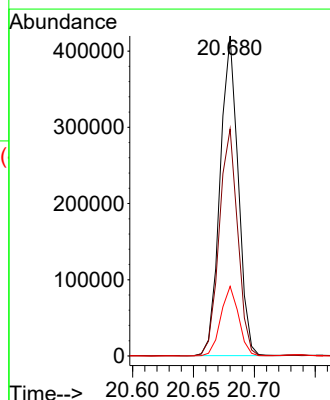
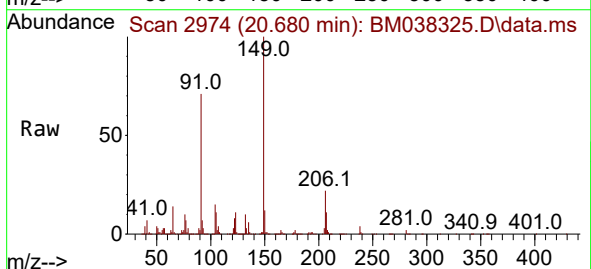
Instrument :
 BNA_M
 ClientSampleId :
 PB149775BS

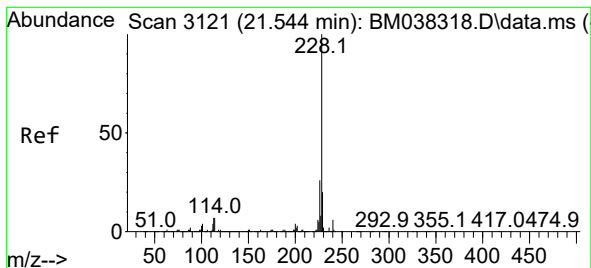
Tgt Ion:244 Resp: 2091276
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.6 8.4
 122 8.6 6.6 9.8



#80
 Butylbenzylphthalate
 Concen: 41.097 ng
 RT: 20.680 min Scan# 2974
 Delta R.T. -0.006 min
 Lab File: BM038325.D
 Acq: 27 Dec 2022 21:11

Tgt Ion:149 Resp: 434099
 Ion Ratio Lower Upper
 149 100
 91 71.0 56.2 84.4
 206 21.8 17.6 26.4





#81

Benzo(a)anthracene

Concen: 40.320 ng

RT: 21.539 min Scan# 3121

Delta R.T. -0.006 min

Lab File: BM038325.D

Acq: 27 Dec 2022 21:11

Instrument :

BNA_M

ClientSampleId :

PB149775BS

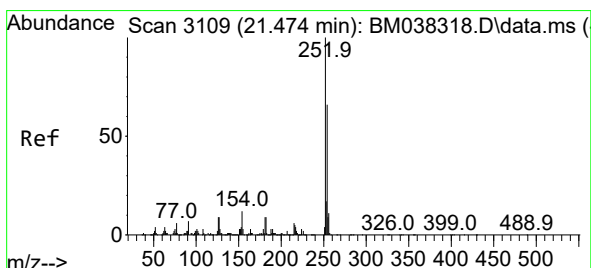
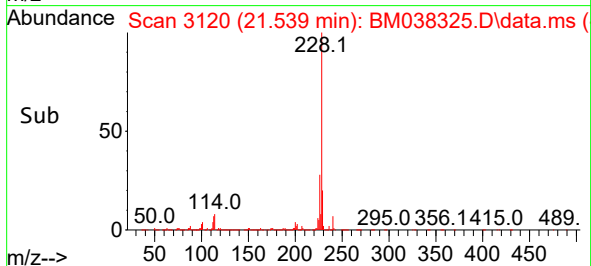
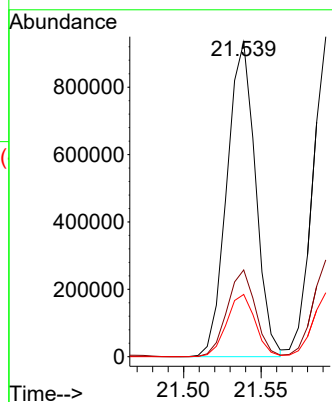
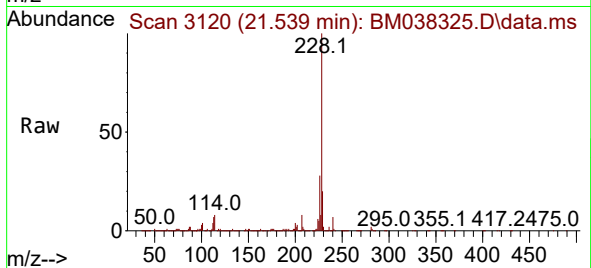
Tgt Ion:228 Resp: 1197481

Ion Ratio Lower Upper

228 100

226 27.6 21.2 31.8

229 19.8 16.2 24.2



#82

3,3'-Dichlorobenzidine

Concen: 37.315 ng

RT: 21.468 min Scan# 3108

Delta R.T. -0.006 min

Lab File: BM038325.D

Acq: 27 Dec 2022 21:11

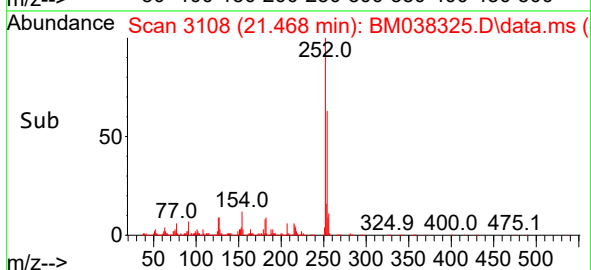
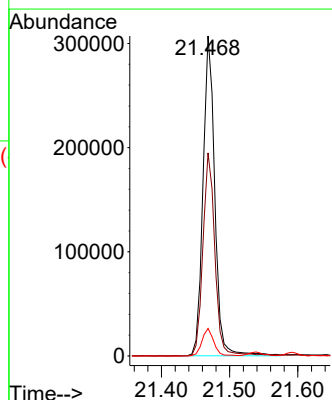
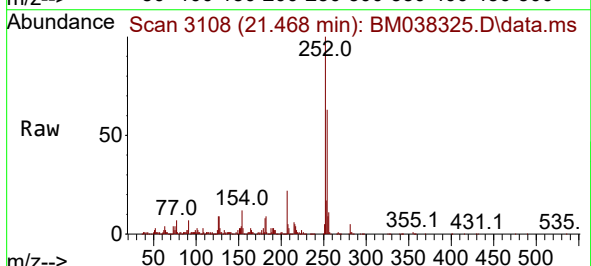
Tgt Ion:252 Resp: 369886

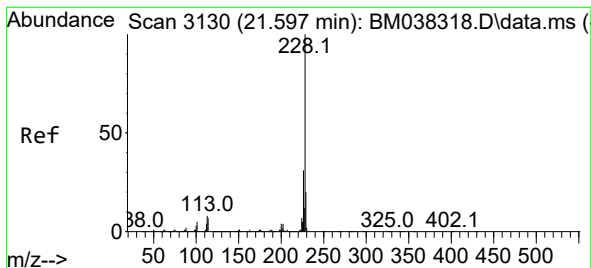
Ion Ratio Lower Upper

252 100

254 63.5 52.7 79.1

126 8.6 7.2 10.8





#83

Chrysene

Concen: 39.284 ng

RT: 21.592 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM038325.D

Acq: 27 Dec 2022 21:11

Instrument :

BNA_M

ClientSampleId :

PB149775BS

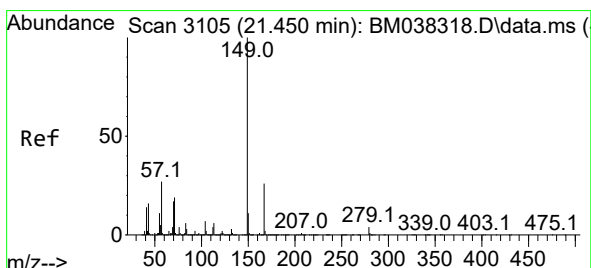
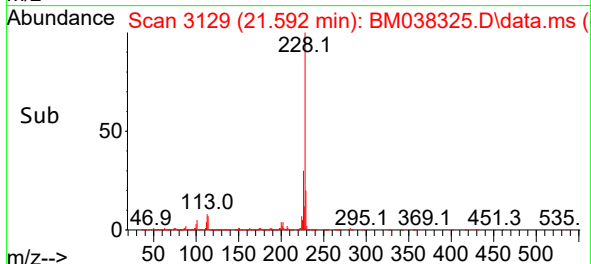
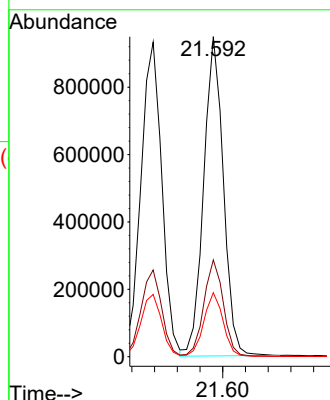
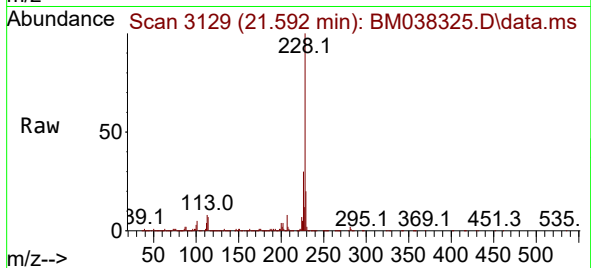
Tgt Ion:228 Resp: 1141132

Ion Ratio Lower Upper

228 100

226 30.3 24.5 36.7

229 20.0 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.372 ng

RT: 21.445 min Scan# 3104

Delta R.T. -0.006 min

Lab File: BM038325.D

Acq: 27 Dec 2022 21:11

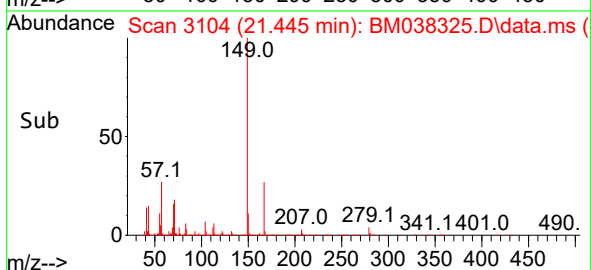
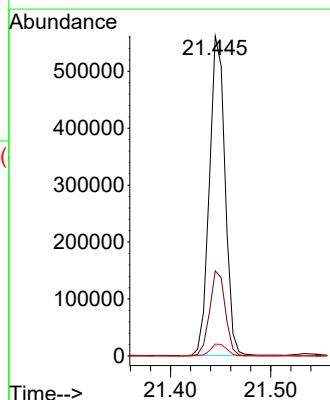
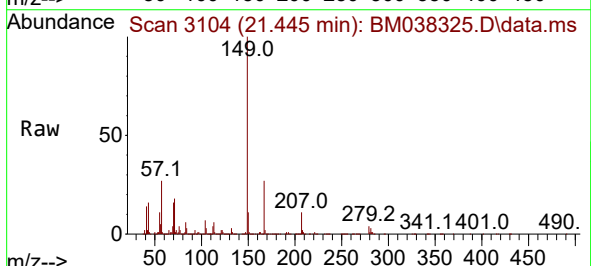
Tgt Ion:149 Resp: 610702

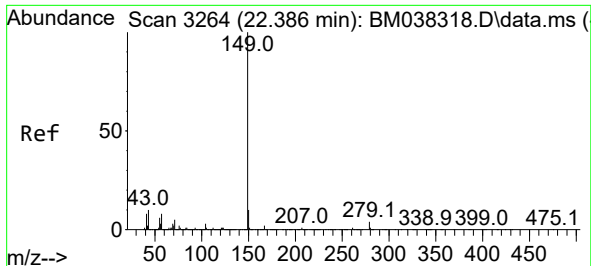
Ion Ratio Lower Upper

149 100

167 26.6 20.8 31.2

279 3.7 2.9 4.3

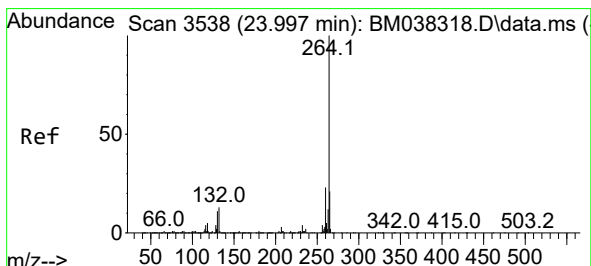
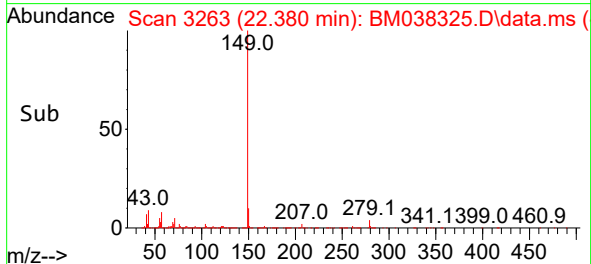
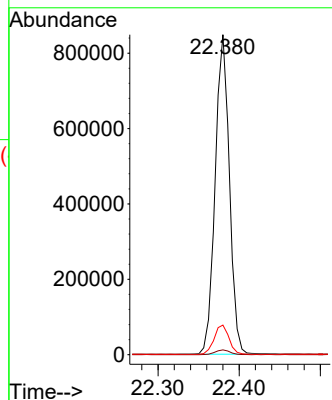
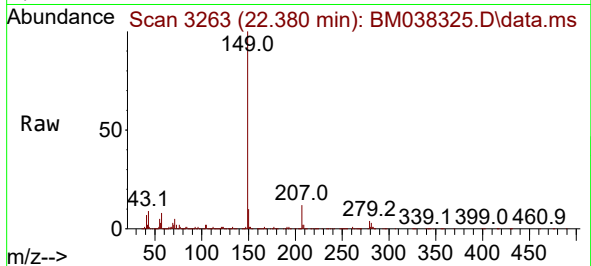




#85
Di-n-octyl phthalate
Concen: 39.262 ng
RT: 22.380 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM038325.D
Acq: 27 Dec 2022 21:11

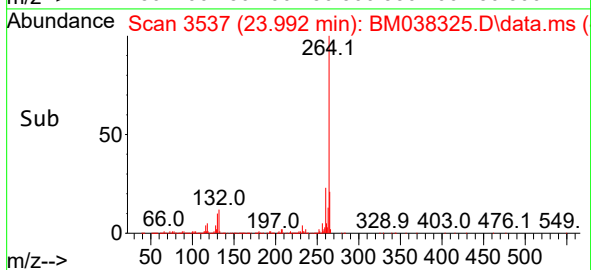
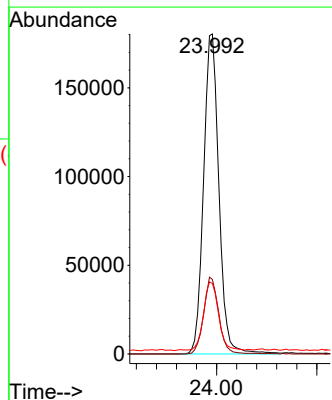
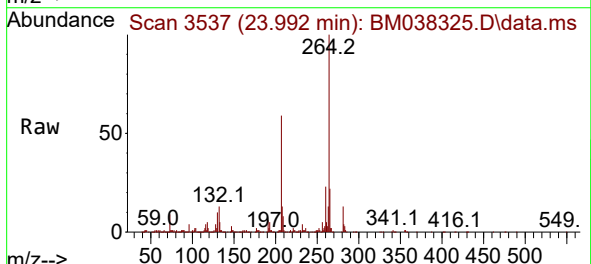
Instrument :
BNA_M
ClientSampleId :
PB149775BS

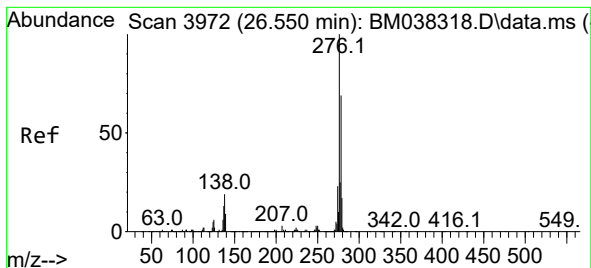
Tgt Ion:149 Resp: 1031998
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 9.6 7.8 11.8



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.992 min Scan# 3537
Delta R.T. -0.006 min
Lab File: BM038325.D
Acq: 27 Dec 2022 21:11

Tgt Ion:264 Resp: 382783
Ion Ratio Lower Upper
264 100
260 23.3 18.6 28.0
265 22.0 17.7 26.5





#87

Indeno(1,2,3-cd)pyrene

Concen: 46.853 ng

RT: 26.538 min Scan# 3970

Delta R.T. -0.012 min

Lab File: BM038325.D

Acq: 27 Dec 2022 21:11

Instrument :

BNA_M

ClientSampleId :

PB149775BS

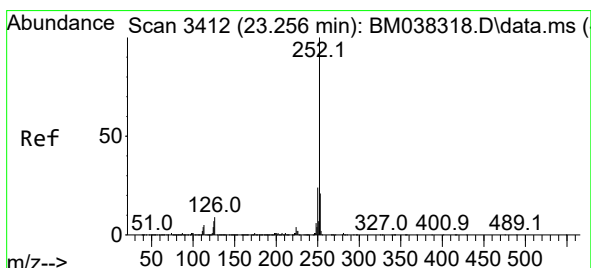
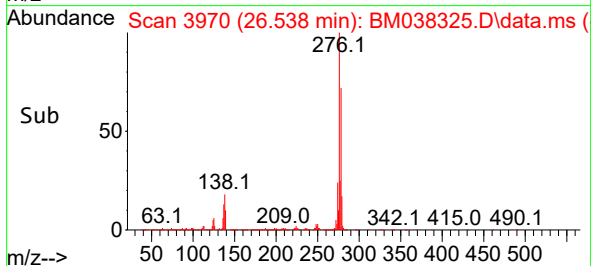
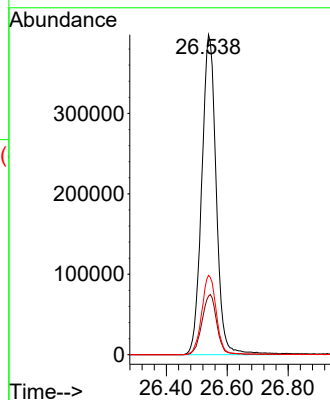
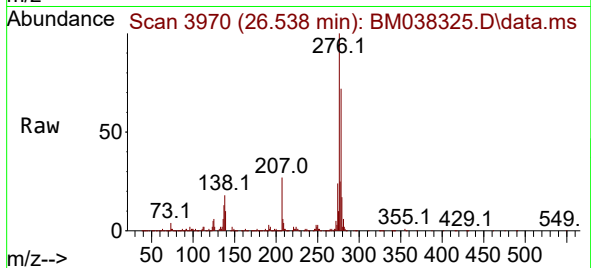
Tgt Ion:276 Resp: 1313250

Ion Ratio Lower Upper

276 100

138 19.2 15.6 23.4

277 24.9 20.0 30.0



#88

Benzo(b)fluoranthene

Concen: 48.406 ng

RT: 23.245 min Scan# 3410

Delta R.T. -0.012 min

Lab File: BM038325.D

Acq: 27 Dec 2022 21:11

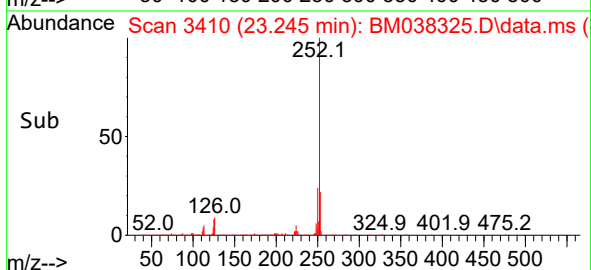
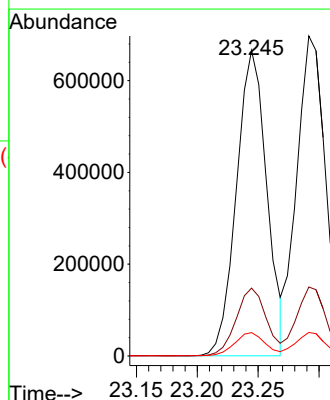
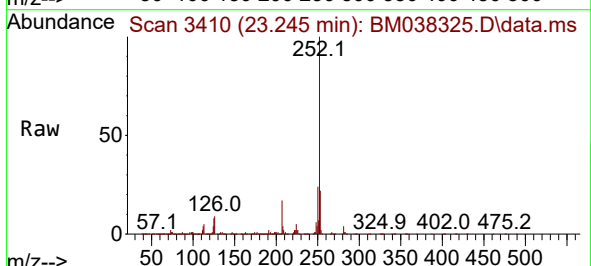
Tgt Ion:252 Resp: 1152638

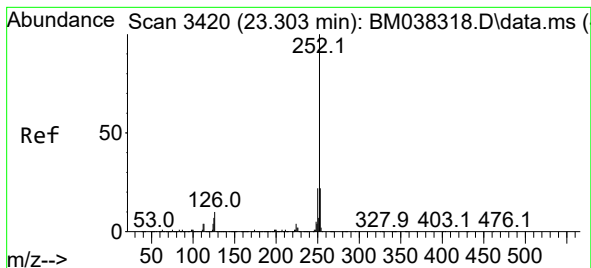
Ion Ratio Lower Upper

252 100

253 22.2 17.1 25.7

125 7.6 5.9 8.9





#89

Benzo(k)fluoranthene

Concen: 47.369 ng

RT: 23.292 min Scan# 34

Delta R.T. -0.012 min

Lab File: BM038325.D

Acq: 27 Dec 2022 21:11

Instrument :

BNA_M

ClientSampleId :

PB149775BS

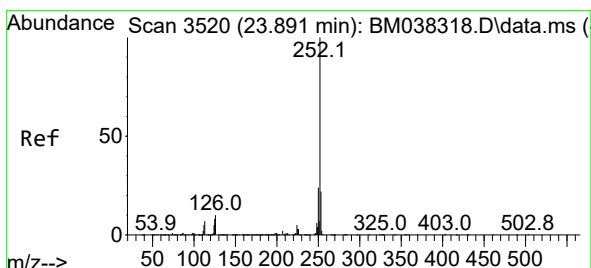
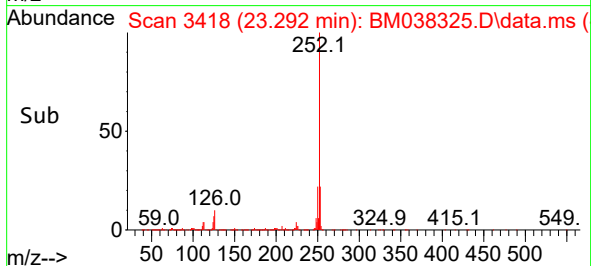
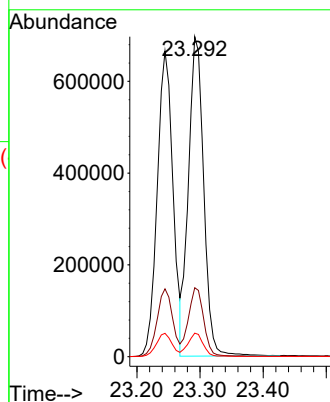
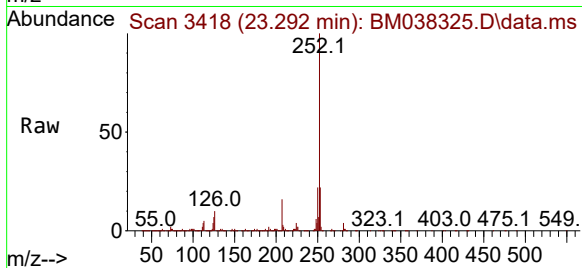
Tgt Ion:252 Resp: 1170477

Ion Ratio Lower Upper

252 100

253 21.6 17.5 26.3

125 7.4 5.9 8.9



#90

Benzo(a)pyrene

Concen: 42.879 ng

RT: 23.886 min Scan# 3519

Delta R.T. -0.006 min

Lab File: BM038325.D

Acq: 27 Dec 2022 21:11

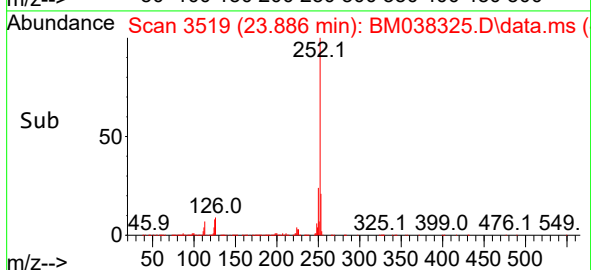
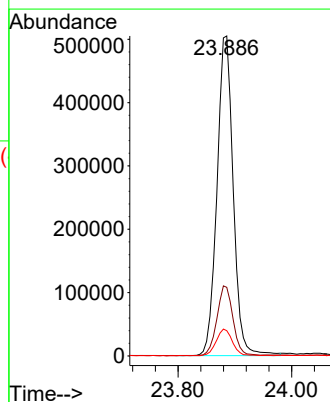
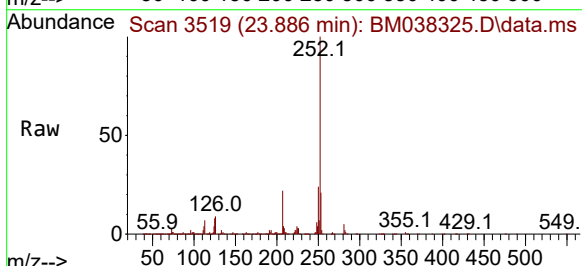
Tgt Ion:252 Resp: 1002619

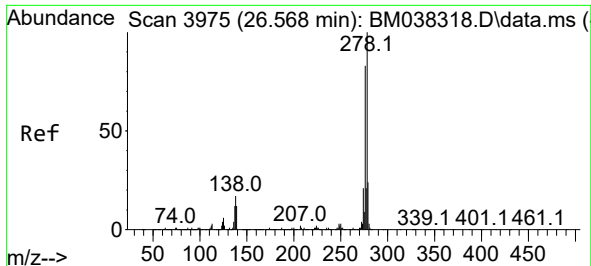
Ion Ratio Lower Upper

252 100

253 21.4 18.0 27.0

125 7.9 6.8 10.2

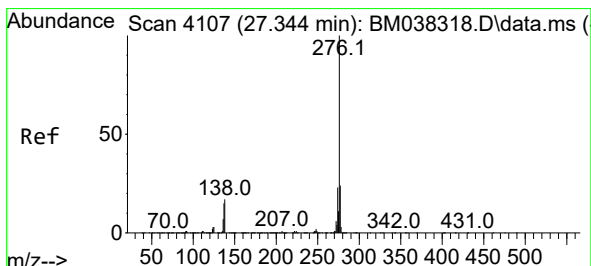
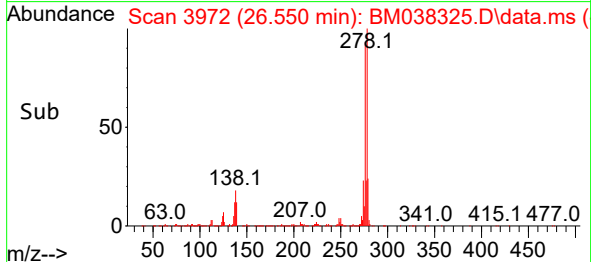
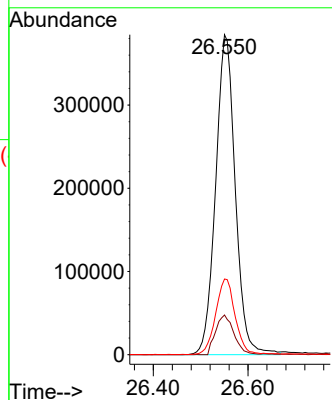
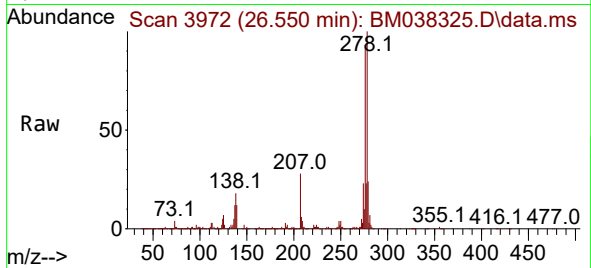




#91
Dibenzo(a,h)anthracene
Concen: 47.824 ng
RT: 26.550 min Scan# 3975
Delta R.T. -0.018 min
Lab File: BM038325.D
Acq: 27 Dec 2022 21:11

Instrument :
BNA_M
ClientSampleId :
PB149775BS

Tgt Ion:278 Resp: 1106508
Ion Ratio Lower Upper
278 100
139 12.4 9.2 13.8
279 23.7 19.0 28.4



#92
Benzo(g,h,i)perylene
Concen: 48.142 ng
RT: 27.332 min Scan# 4105
Delta R.T. -0.012 min
Lab File: BM038325.D
Acq: 27 Dec 2022 21:11

Tgt Ion:276 Resp: 1128770
Ion Ratio Lower Upper
276 100
277 23.5 18.9 28.3
138 15.9 13.7 20.5

