

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122722\
 Data File : BM038326.D
 Acq On : 27 Dec 2022 21:47
 Operator : CG/JU
 Sample : PB149775BSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB149775BSD

Quant Time: Dec 28 02:13:51 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	104719	20.000	ng	0.00
21) Naphthalene-d8	10.827	136	390942	20.000	ng	0.00
39) Acenaphthene-d10	14.645	164	235540	20.000	ng	0.00
64) Phenanthrene-d10	17.386	188	470189	20.000	ng	0.00
76) Chrysene-d12	21.550	240	435402	20.000	ng	-0.01
86) Perylene-d12	23.991	264	396604	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.563	112	608170	96.277	ng	0.00
7) Phenol-d6	7.181	99	744130	89.691	ng	0.00
23) Nitrobenzene-d5	9.186	82	761528	85.310	ng	0.00
42) 2,4,6-Tribromophenol	16.127	330	291977	81.370	ng	0.00
45) 2-Fluorobiphenyl	13.268	172	1666809	89.048	ng	0.00
79) Terphenyl-d14	19.992	244	2238557	97.185	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.410	88	99590	33.494	ng	98
3) Pyridine	3.828	79	269467	33.309	ng	99
4) n-Nitrosodimethylamine	3.734	42	162659	42.205	ng	97
6) Aniline	7.339	93	369206	34.885	ng	100
8) 2-Chlorophenol	7.575	128	300002	45.411	ng	98
9) Benzaldehyde	7.151	77	147647	24.854	ng	99
10) Phenol	7.204	94	395183	45.874	ng	99
11) bis(2-Chloroethyl)ether	7.434	93	305634	43.226	ng	99
12) 1,3-Dichlorobenzene	7.898	146	337399	46.259	ng	100
13) 1,4-Dichlorobenzene	8.045	146	338469	45.995	ng	98
14) 1,2-Dichlorobenzene	8.369	146	326030	45.268	ng	99
15) Benzyl Alcohol	8.257	79	288105	46.327	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.533	45	422888	42.694	ng	99
17) 2-Methylphenol	8.463	107	250029	41.249	ng	99
18) Hexachloroethane	9.092	117	133511	46.916	ng	99
19) n-Nitroso-di-n-propyla...	8.828	70	250757	41.765	ng	97
20) 3+4-Methylphenols	8.792	107	333879	41.206	ng	97
22) Acetophenone	8.845	105	467911	42.320	ng	98
24) Nitrobenzene	9.228	77	379901	40.982	ng	99
25) Isophorone	9.757	82	637631	39.733	ng	99
26) 2-Nitrophenol	9.939	139	159744	44.181	ng	99
27) 2,4-Dimethylphenol	9.998	122	256411	42.515	ng	97
28) bis(2-Chloroethoxy)met...	10.233	93	384081	41.063	ng	100
29) 2,4-Dichlorophenol	10.475	162	285923	43.418	ng	99
30) 1,2,4-Trichlorobenzene	10.686	180	330727	43.666	ng	99
31) Naphthalene	10.874	128	858869	41.346	ng	99
32) Benzoic acid	10.145	122	186984	41.169	ng	99
33) 4-Chloroaniline	10.992	127	203107	22.955	ng	98
34) Hexachlorobutadiene	11.151	225	220757	44.878	ng	96
35) Caprolactam	11.792	113	71777	37.390	ng	# 86
36) 4-Chloro-3-methylphenol	12.110	107	281569	40.512	ng	100
37) 2-Methylnaphthalene	12.480	142	594318	39.891	ng	99
38) 1-Methylnaphthalene	12.698	142	563140	40.140	ng	99
40) 1,2,4,5-Tetrachloroben...	12.845	216	390504	44.885	ng	99
41) Hexachlorocyclopentadiene	12.816	237	528690	111.149	ng	98
43) 2,4,6-Trichlorophenol	13.086	196	246538	43.314	ng	96

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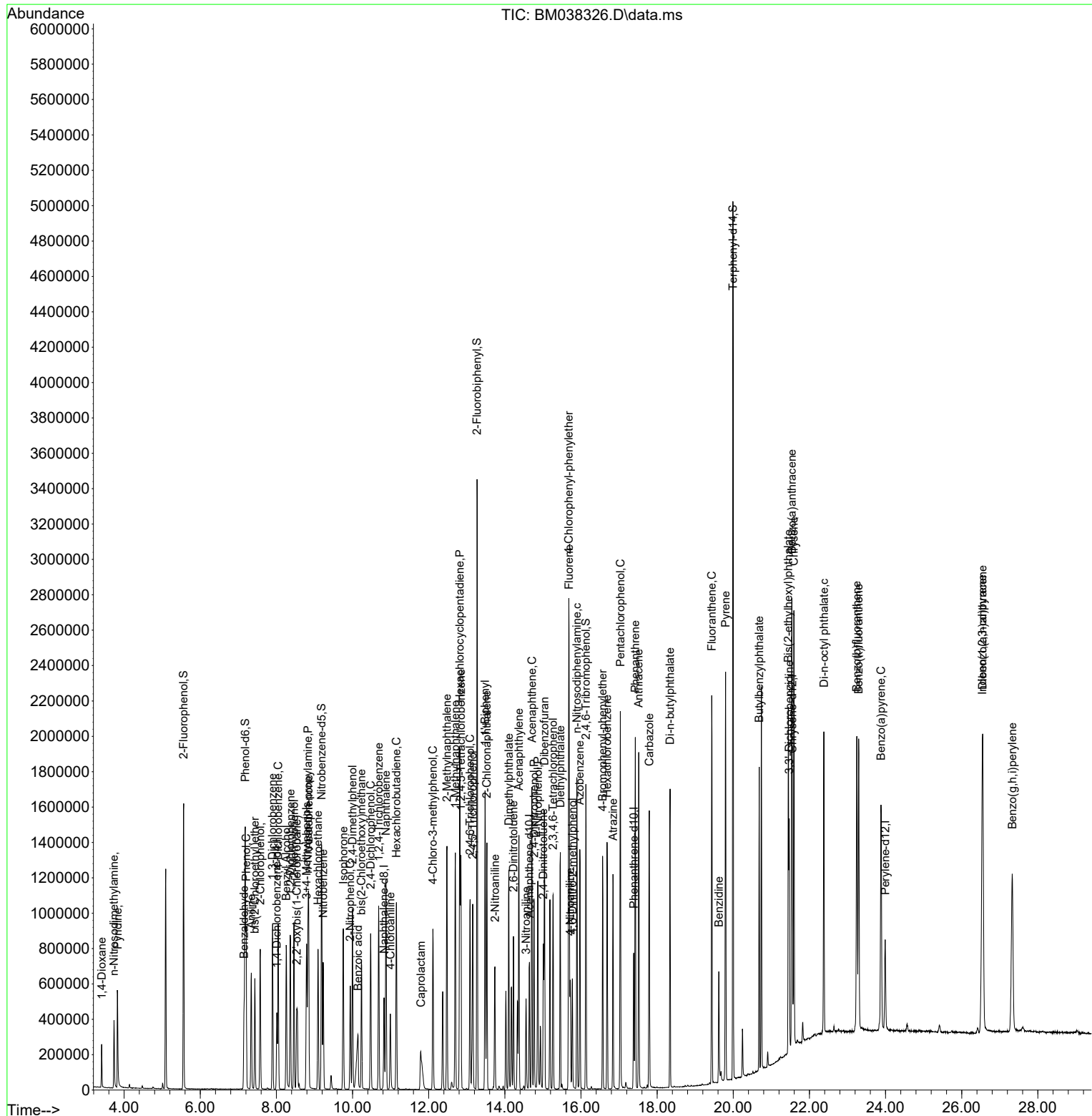
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.157	196	260570	39.295	ng	96
46) 1,1'-Biphenyl	13.480	154	798697	42.956	ng	99
47) 2-Chloronaphthalene	13.527	162	631704	43.042	ng	99
48) 2-Nitroaniline	13.739	65	195362	39.624	ng	98
49) Acenaphthylene	14.368	152	939796	40.568	ng	100
50) Dimethylphthalate	14.104	163	723776	38.604	ng	100
51) 2,6-Dinitrotoluene	14.227	165	155039	39.232	ng	98
52) Acenaphthene	14.710	154	564330	40.400	ng	100
53) 3-Nitroaniline	14.557	138	108674	26.899	ng	97
54) 2,4-Dinitrophenol	14.768	184	227692	75.065	ng	96
55) Dibenzofuran	15.039	168	916427	39.410	ng	99
56) 4-Nitrophenol	14.868	139	265189	81.592	ng	97
57) 2,4-Dinitrotoluene	15.009	165	211738	39.363	ng	96
58) Fluorene	15.686	166	763843	39.900	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.268	232	221227	39.422	ng	100
60) Diethylphthalate	15.457	149	702427	37.630	ng	99
61) 4-Chlorophenyl-phenyle...	15.680	204	404526	40.143	ng	99
62) 4-Nitroaniline	15.715	138	146382	35.381	ng	94
63) Azobenzene	15.968	77	740230	38.122	ng	98
65) 4,6-Dinitro-2-methylph...	15.774	198	134122	42.017	ng	97
66) n-Nitrosodiphenylamine	15.892	169	615035	43.391	ng	100
67) 4-Bromophenyl-phenylether	16.568	248	237619	44.922	ng	97
68) Hexachlorobenzene	16.686	284	277136	47.291	ng	99
69) Atrazine	16.845	200	219973	45.167	ng	99
70) Pentachlorophenol	17.033	266	352298	82.681	ng	96
71) Phenanthrene	17.427	178	1120645	42.708	ng	100
72) Anthracene	17.515	178	1126655	41.986	ng	100
73) Carbazole	17.792	167	980188	41.532	ng	99
74) Di-n-butylphthalate	18.339	149	1110896	41.220	ng	100
75) Fluoranthene	19.433	202	1286947	39.666	ng	99
77) Benzidine	19.621	184	395707	31.824	ng	99
78) Pyrene	19.797	202	1362194	44.566	ng	100
80) Butylbenzylphthalate	20.680	149	465355	41.663	ng	99
81) Benzo(a)anthracene	21.538	228	1272621	40.523	ng	99
82) 3,3'-Dichlorobenzidine	21.468	252	388362	37.051	ng	96
83) Chrysene	21.591	228	1225706	39.904	ng	100
84) Bis(2-ethylhexyl)phtha...	21.444	149	641754	41.115	ng	99
85) Di-n-octyl phthalate	22.380	149	1075357	38.689	ng	99
87) Indeno(1,2,3-cd)pyrene	26.544	276	1350082	46.488	ng	100
88) Benzo(b)fluoranthene	23.244	252	1214622	49.232	ng	98
89) Benzo(k)fluoranthene	23.291	252	1214091	47.422	ng	99
90) Benzo(a)pyrene	23.880	252	1054781	43.538	ng	99
91) Dibenzo(a,h)anthracene	26.550	278	1163650	48.541	ng	99
92) Benzo(g,h,i)perylene	27.326	276	1180626	48.599	ng	98

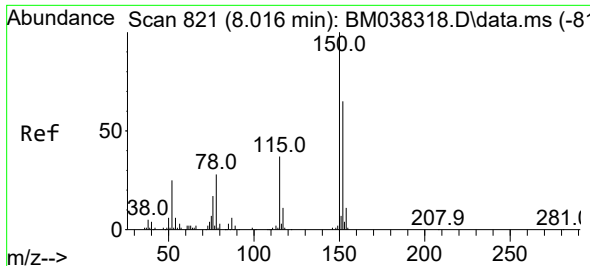
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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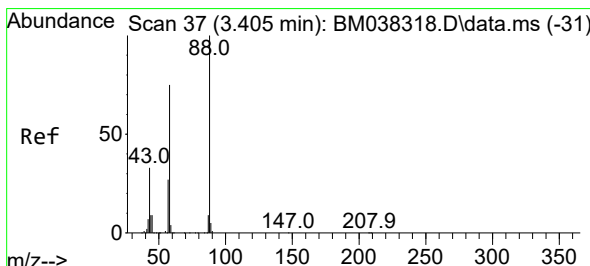
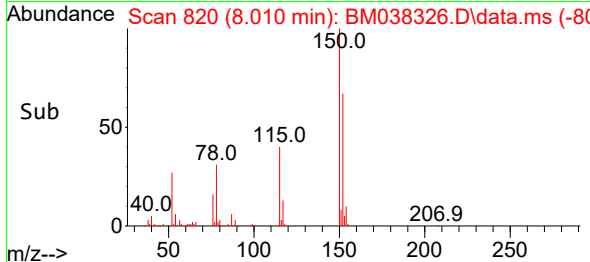
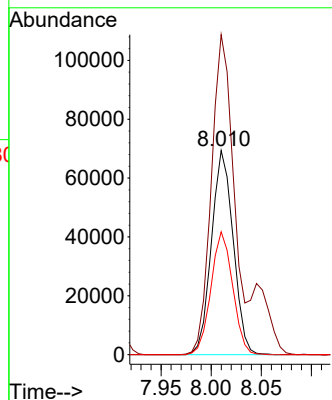
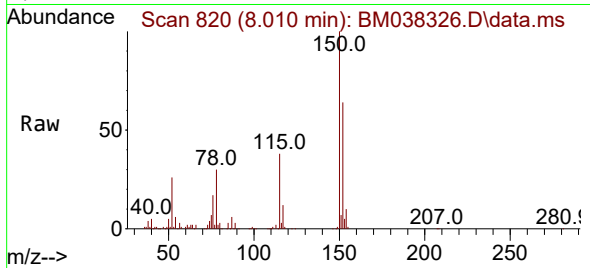




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.010 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM038326.D
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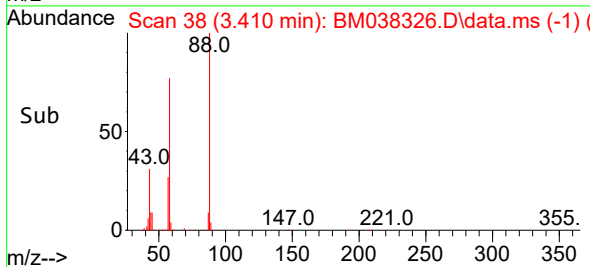
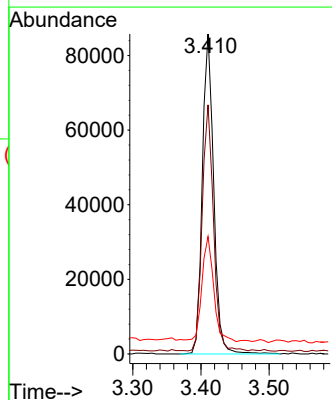
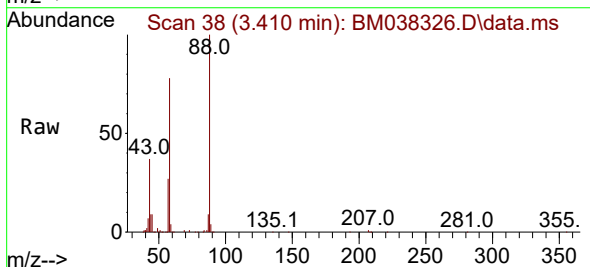
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BNA_M
ClientSampleId :
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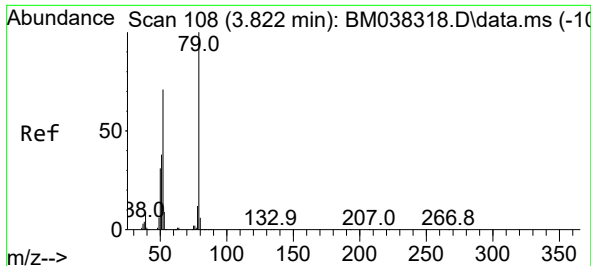
Tgt Ion:152 Resp: 104719
Ion Ratio Lower Upper
152 100
150 156.8 123.0 184.6
115 60.2 45.4 68.2



#2
1,4-Dioxane
Concen: 33.494 ng
RT: 3.410 min Scan# 38
Delta R.T. 0.006 min
Lab File: BM038326.D
Acq: 27 Dec 2022 21:47

Tgt Ion: 88 Resp: 99590
Ion Ratio Lower Upper
88 100
58 75.9 62.3 93.5
43 33.9 28.2 42.4

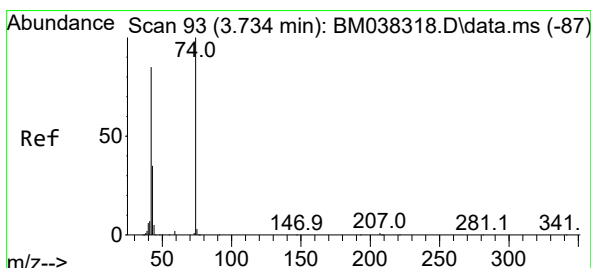
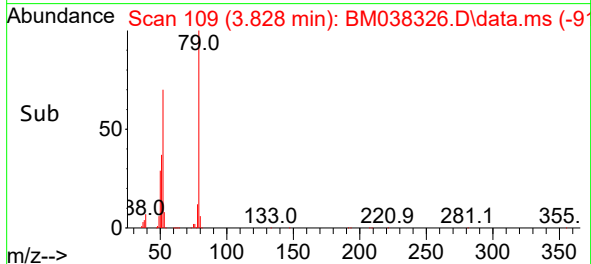
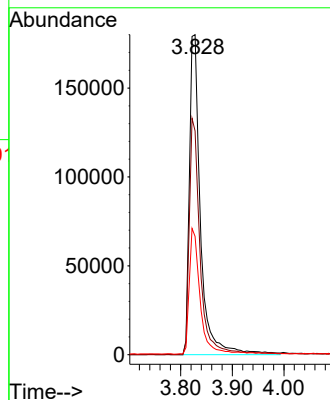
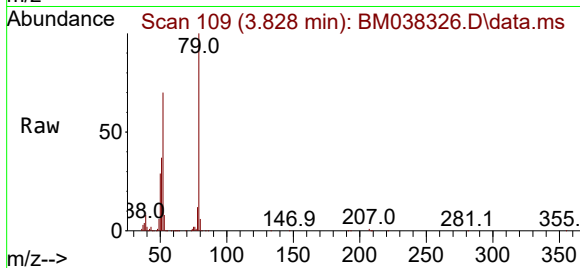




#3
Pyridine
Concen: 33.309 ng
RT: 3.828 min Scan# 108
Delta R.T. 0.006 min
Lab File: BM038326.D
Acq: 27 Dec 2022 21:47

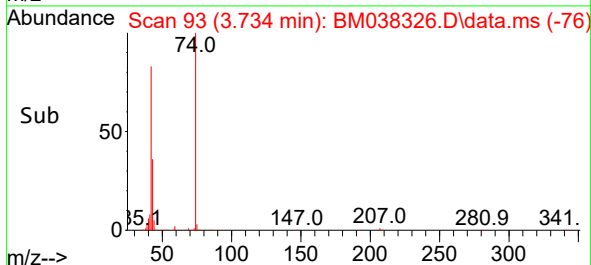
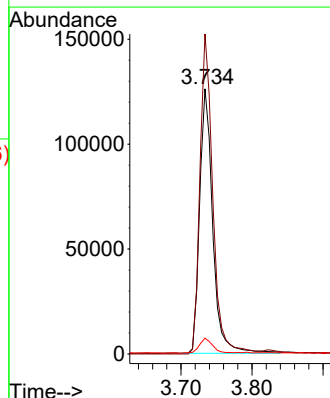
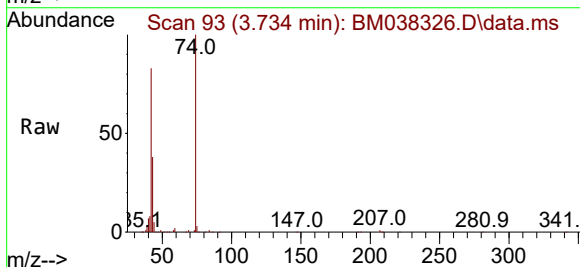
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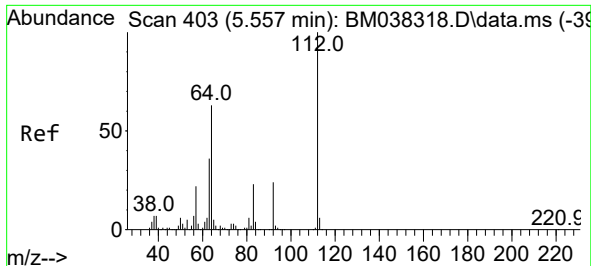
Tgt Ion: 79 Resp: 269467
Ion Ratio Lower Upper
79 100
52 69.9 56.5 84.7
51 36.9 30.8 46.2



#4
n-Nitrosodimethylamine
Concen: 42.205 ng
RT: 3.734 min Scan# 93
Delta R.T. -0.000 min
Lab File: BM038326.D
Acq: 27 Dec 2022 21:47

Tgt Ion: 42 Resp: 162659
Ion Ratio Lower Upper
42 100
74 120.7 93.9 140.9
44 6.0 5.0 7.6

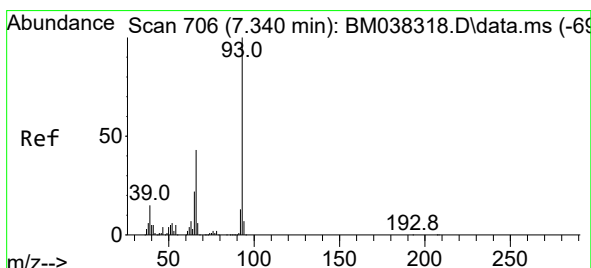
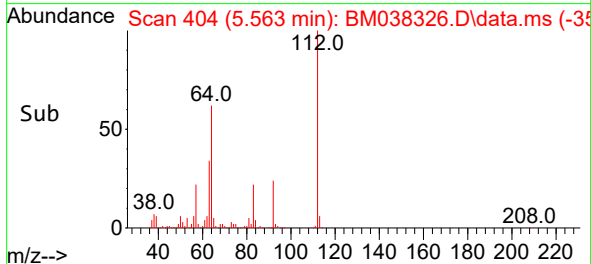
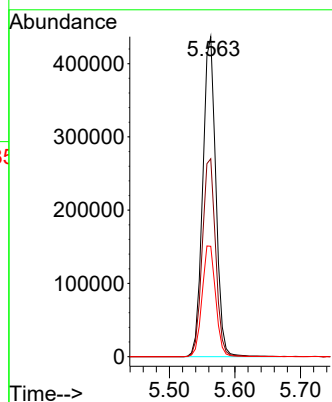
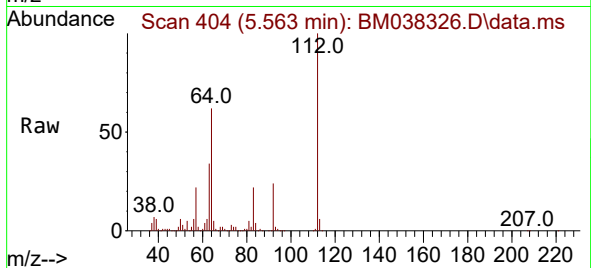




#5
2-Fluorophenol
Concen: 96.277 ng
RT: 5.563 min Scan# 403
Delta R.T. 0.006 min
Lab File: BM038326.D
Acq: 27 Dec 2022 21:47

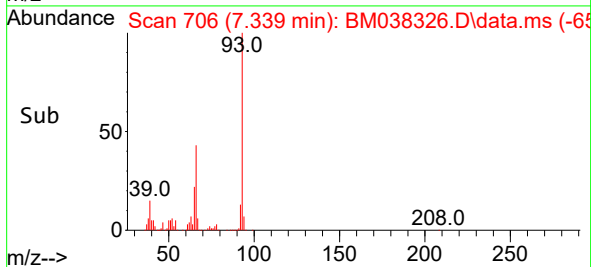
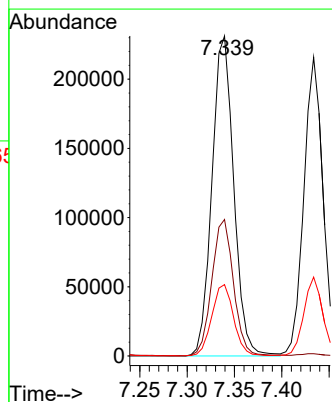
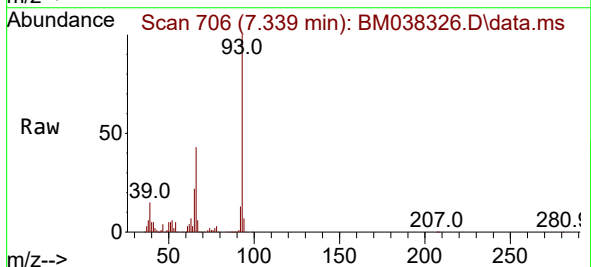
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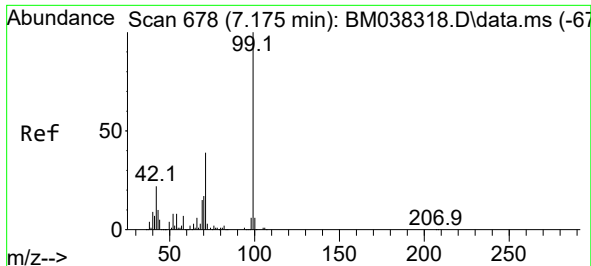
Tgt Ion:112 Resp: 608170
Ion Ratio Lower Upper
112 100
64 61.8 50.7 76.1
63 34.5 28.9 43.3



#6
Aniline
Concen: 34.885 ng
RT: 7.339 min Scan# 706
Delta R.T. -0.000 min
Lab File: BM038326.D
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Tgt Ion: 93 Resp: 369206
Ion Ratio Lower Upper
93 100
66 42.7 34.2 51.4
65 22.3 17.9 26.9

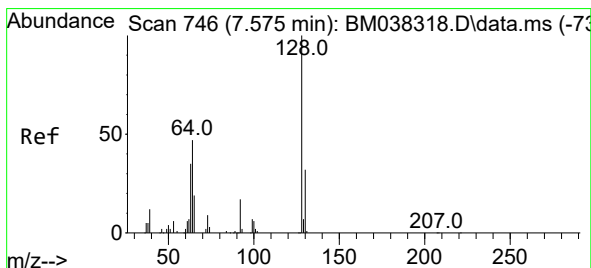
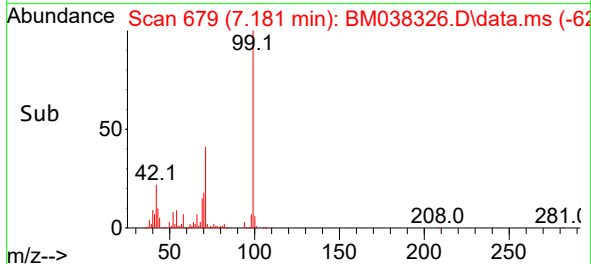
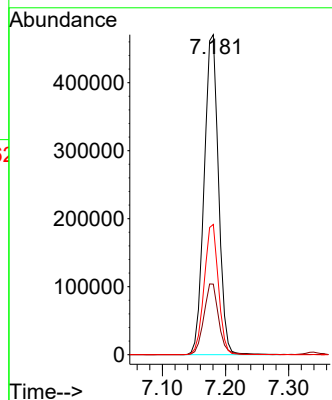
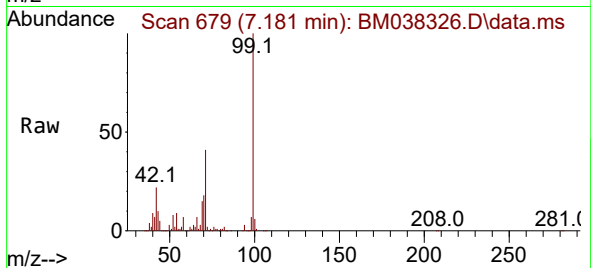




#7
Phenol-d6
Concen: 89.691 ng
RT: 7.181 min Scan# 61
Delta R.T. 0.006 min
Lab File: BM038326.D
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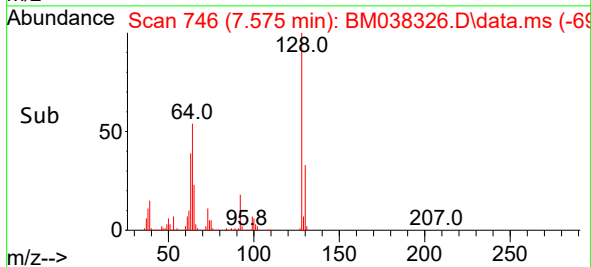
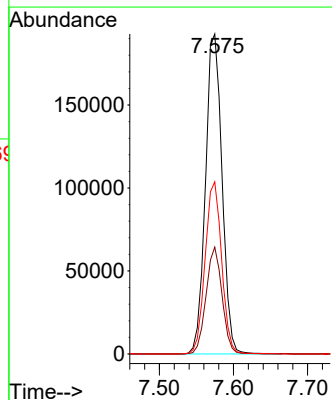
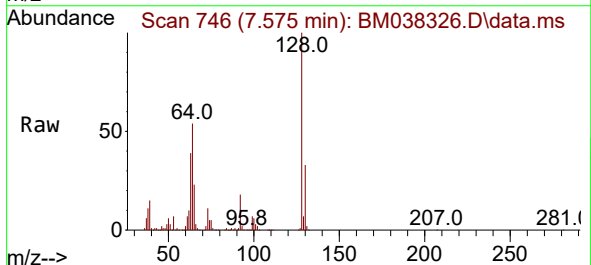
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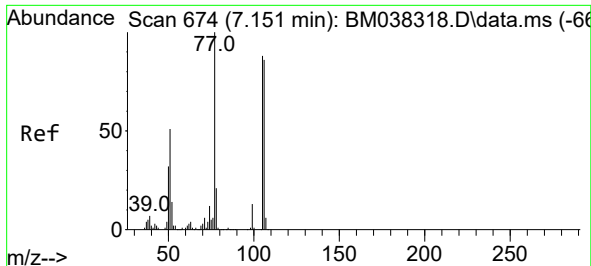
Tgt Ion: 99 Resp: 744130
Ion Ratio Lower Upper
99 100
42 22.1 17.7 26.5
71 40.7 30.9 46.3



#8
2-Chlorophenol
Concen: 45.411 ng
RT: 7.575 min Scan# 746
Delta R.T. -0.000 min
Lab File: BM038326.D
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Tgt Ion: 128 Resp: 300002
Ion Ratio Lower Upper
128 100
130 33.4 12.4 52.4
64 53.8 32.2 72.2

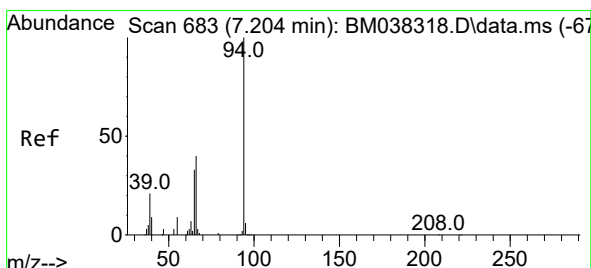
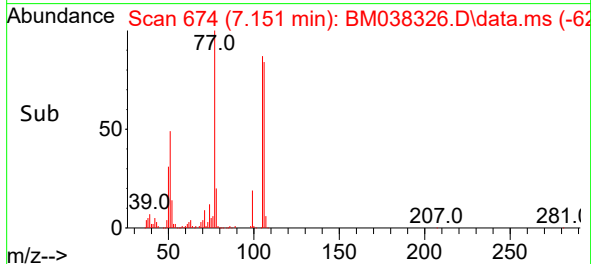
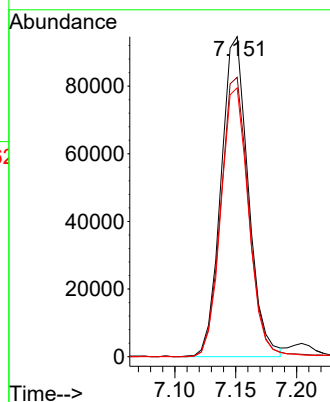
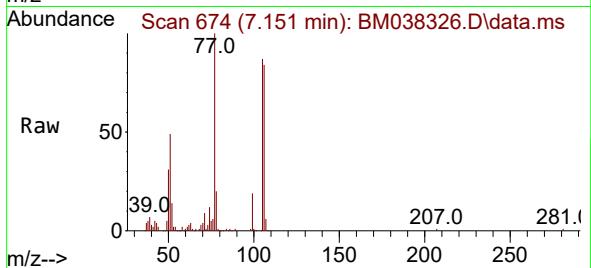




#9
Benzaldehyde
Concen: 24.854 ng
RT: 7.151 min Scan# 61
Delta R.T. -0.000 min
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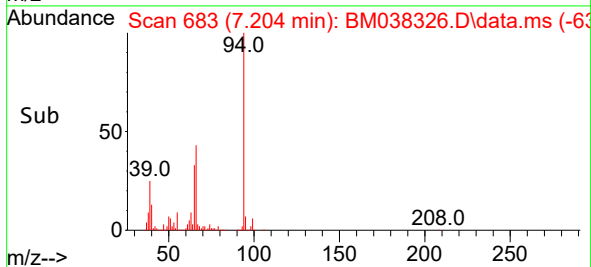
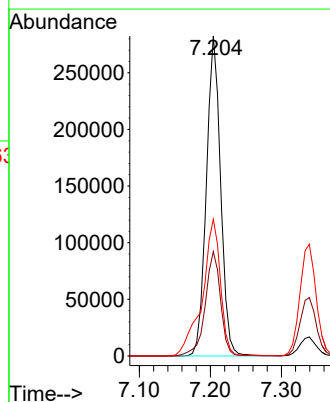
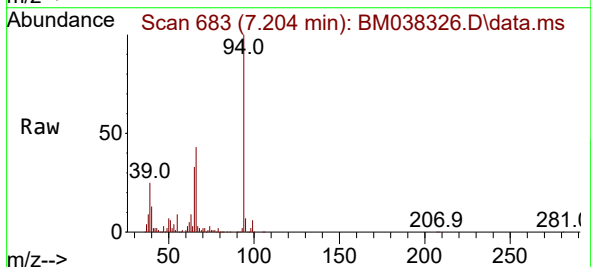
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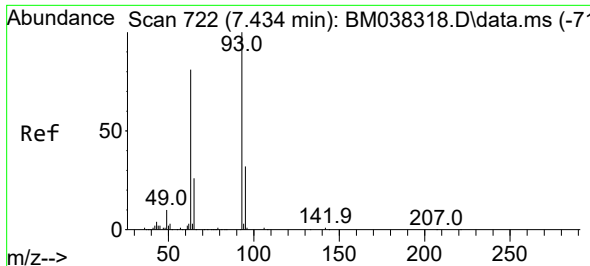
Tgt Ion: 77 Resp: 147647
Ion Ratio Lower Upper
77 100
105 87.3 67.9 107.9
106 84.0 66.0 106.0



#10
Phenol
Concen: 45.874 ng
RT: 7.204 min Scan# 683
Delta R.T. -0.000 min
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Tgt Ion: 94 Resp: 395183
Ion Ratio Lower Upper
94 100
65 32.7 13.4 53.4
66 42.8 22.5 62.5

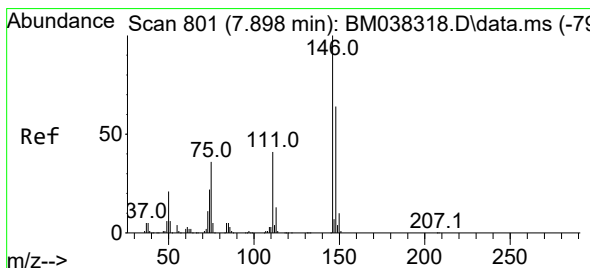
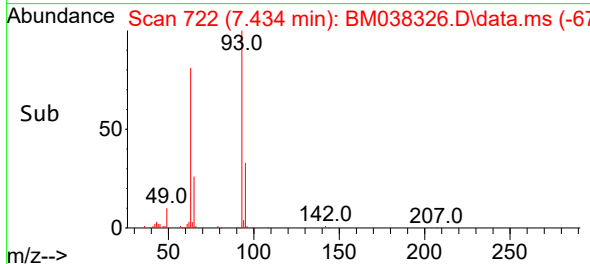
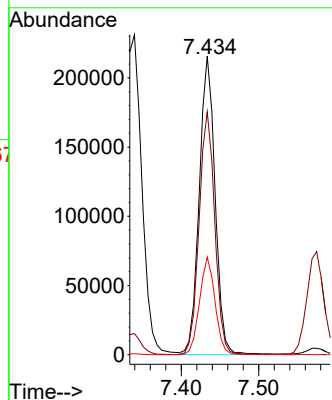
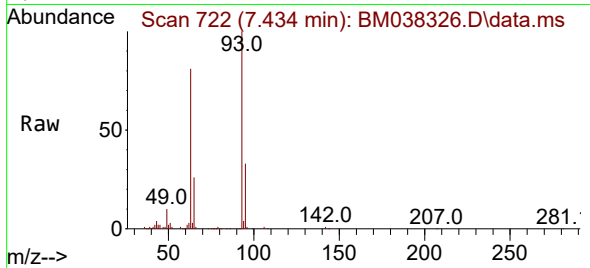




#11
bis(2-Chloroethyl)ether
Concen: 43.226 ng
RT: 7.434 min Scan# 722
Delta R.T. -0.000 min
Lab File: BM038326.D
Acq: 27 Dec 2022 21:47

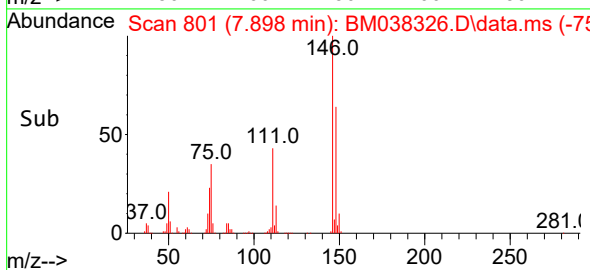
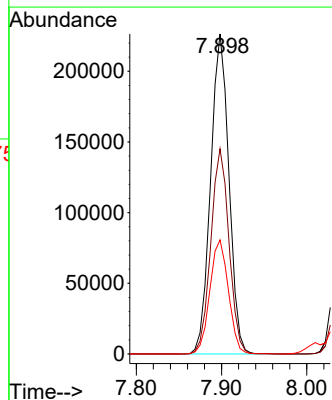
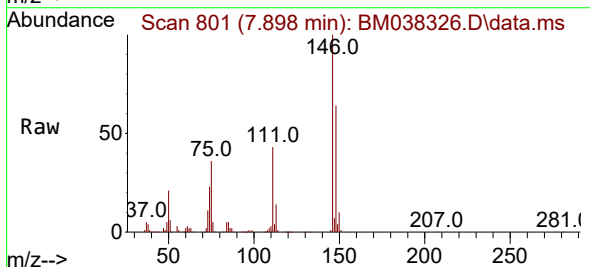
Instrument :
BNA_M
ClientSampleId :
PB149775BSD

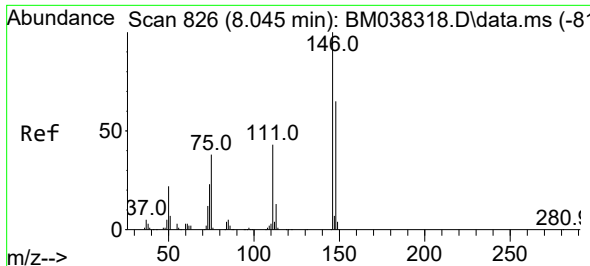
Tgt Ion: 93 Resp: 305634
Ion Ratio Lower Upper
93 100
63 81.3 60.7 100.7
95 32.7 11.9 51.9



#12
1,3-Dichlorobenzene
Concen: 46.259 ng
RT: 7.898 min Scan# 801
Delta R.T. -0.000 min
Lab File: BM038326.D
Acq: 27 Dec 2022 21:47

Tgt Ion:146 Resp: 337399
Ion Ratio Lower Upper
146 100
148 64.1 51.3 76.9
75 35.6 28.6 43.0

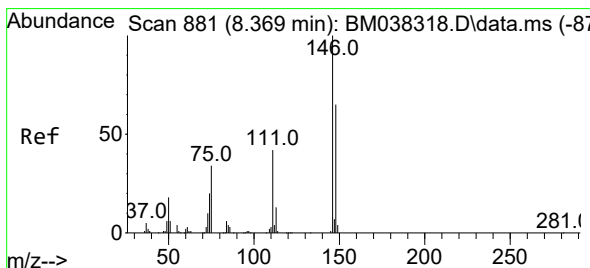
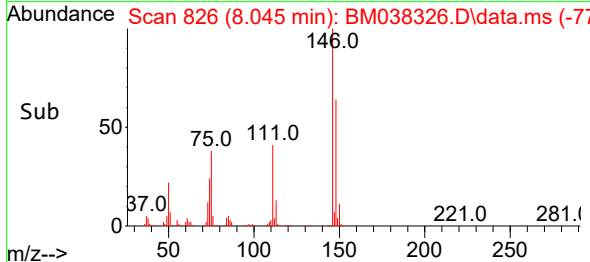
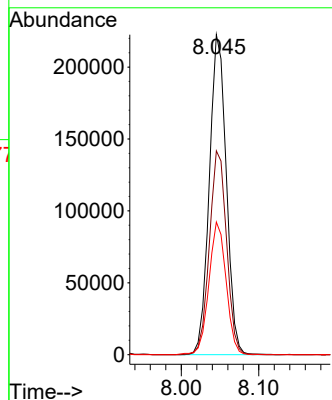
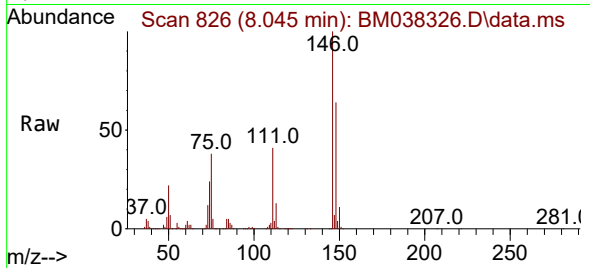




#13
1,4-Dichlorobenzene
Concen: 45.995 ng
RT: 8.045 min Scan# 81
Delta R.T. -0.000 min
Lab File: BM038326.D
Acq: 27 Dec 2022 21:47

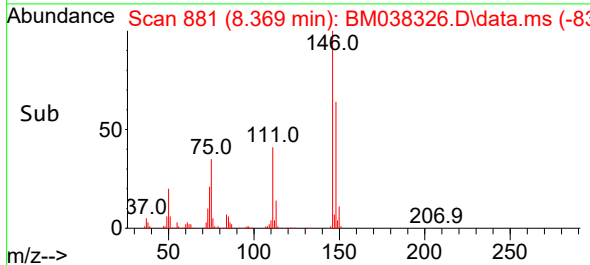
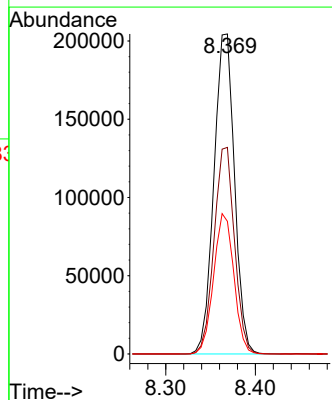
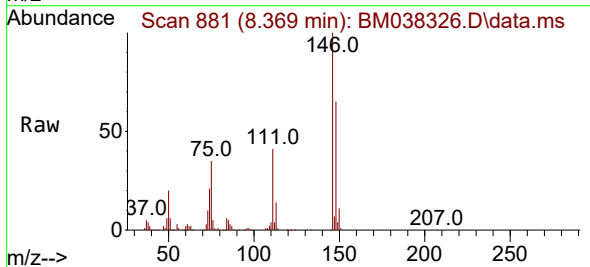
Instrument :
BNA_M
ClientSampleId :
PB149775BSD

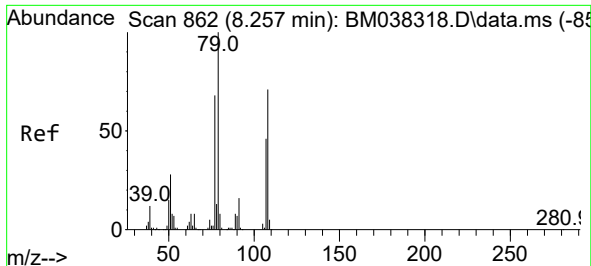
Tgt Ion:146 Resp: 338469
Ion Ratio Lower Upper
146 100
148 63.7 51.8 77.6
111 41.4 34.4 51.6



#14
1,2-Dichlorobenzene
Concen: 45.268 ng
RT: 8.369 min Scan# 881
Delta R.T. -0.000 min
Lab File: BM038326.D
Acq: 27 Dec 2022 21:47

Tgt Ion:146 Resp: 326030
Ion Ratio Lower Upper
146 100
148 64.5 52.1 78.1
111 41.5 33.8 50.6

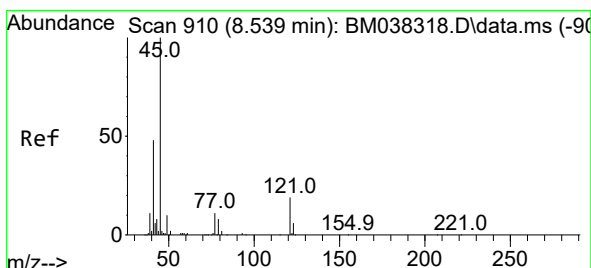
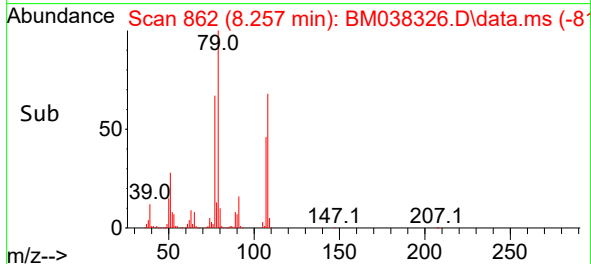
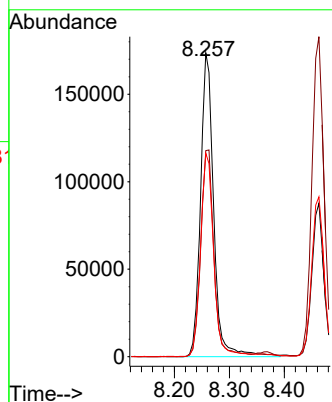
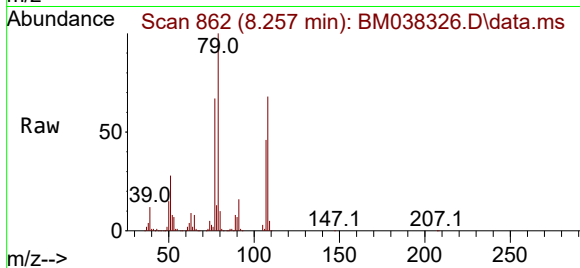




#15
Benzyl Alcohol
Concen: 46.327 ng
RT: 8.257 min Scan# 809
Delta R.T. -0.000 min
Lab File: BM038326.D
Acq: 27 Dec 2022 21:47

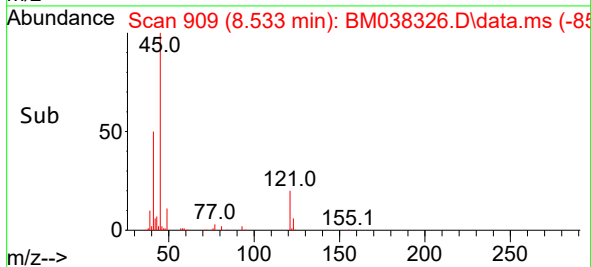
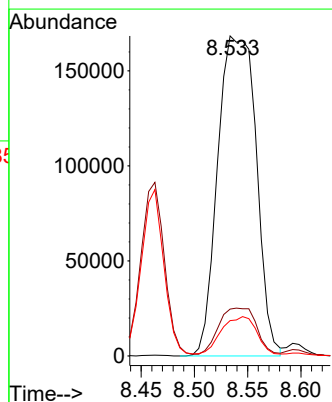
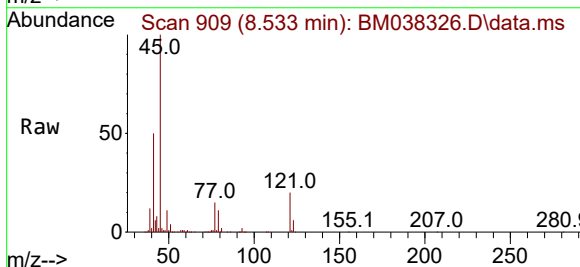
Instrument :
BNA_M
ClientSampleId :
PB149775BSD

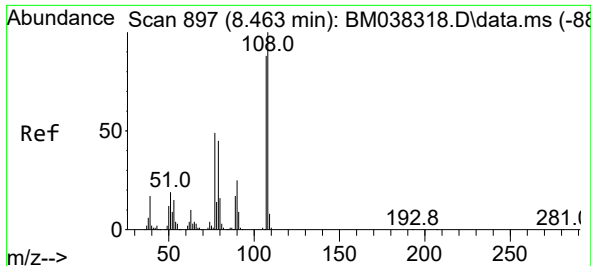
Tgt Ion: 79 Resp: 288105
Ion Ratio Lower Upper
79 100
108 67.8 56.6 85.0
77 66.9 54.2 81.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.694 ng
RT: 8.533 min Scan# 909
Delta R.T. -0.006 min
Lab File: BM038326.D
Acq: 27 Dec 2022 21:47

Tgt Ion: 45 Resp: 422888
Ion Ratio Lower Upper
45 100
77 14.6 0.0 34.5
79 11.1 0.0 30.6



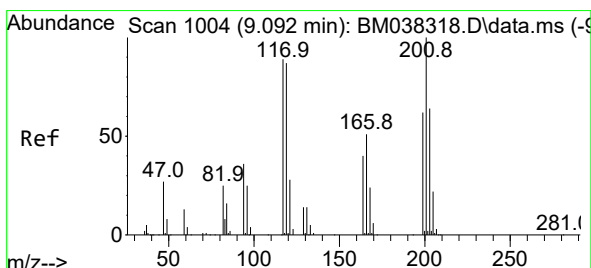
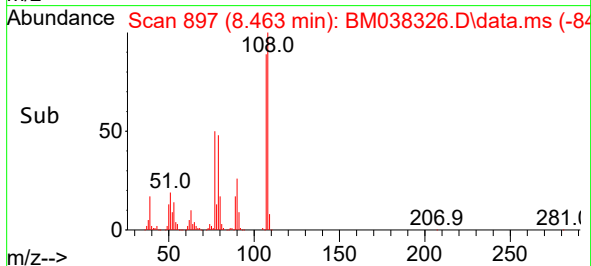
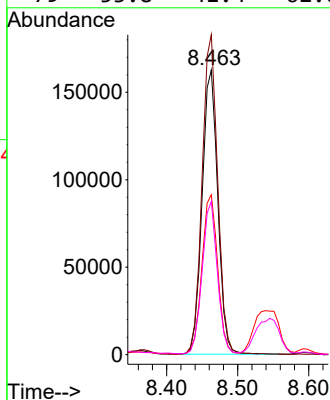
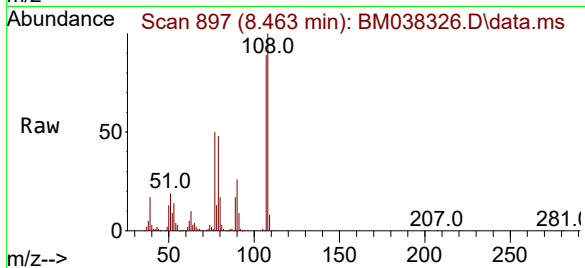


#17
2-Methylphenol
Concen: 41.249 ng
RT: 8.463 min Scan# 897
Delta R.T. -0.000 min
Lab File: BM038326.D
Acq: 27 Dec 2022 21:47

Instrument :
BNA_M
ClientSampleId :
PB149775BSD

Tgt Ion:107 Resp: 250029

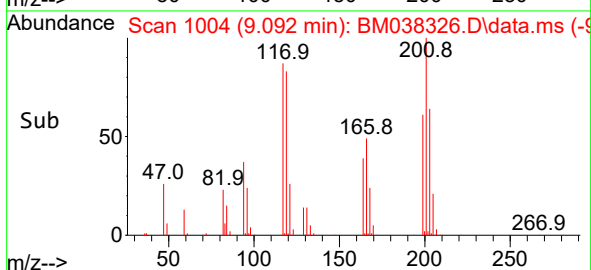
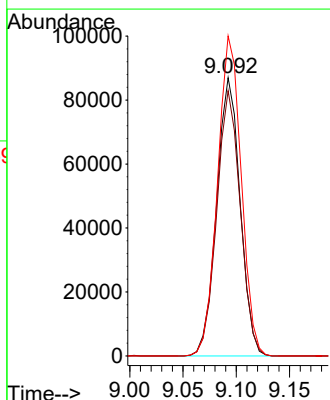
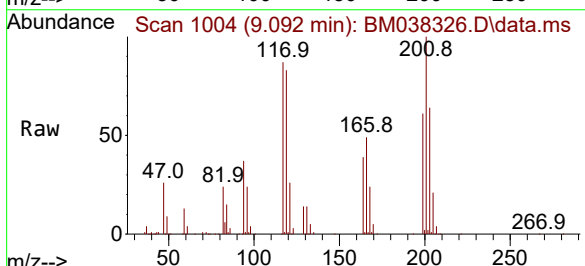
Ion	Ratio	Lower	Upper
107	100		
108	112.4	90.6	136.0
77	56.1	44.3	66.5
79	53.8	41.4	62.0

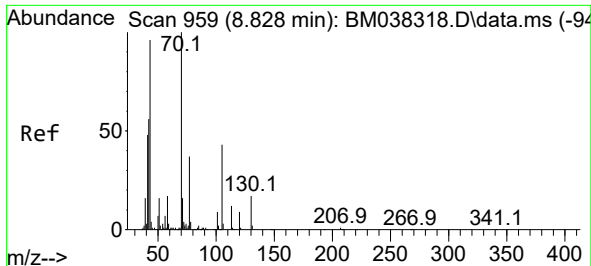


#18
Hexachloroethane
Concen: 46.916 ng
RT: 9.092 min Scan# 1004
Delta R.T. -0.000 min
Lab File: BM038326.D
Acq: 27 Dec 2022 21:47

Tgt Ion:117 Resp: 133511

Ion	Ratio	Lower	Upper
117	100		
119	95.4	78.5	117.7
201	115.0	92.0	138.0

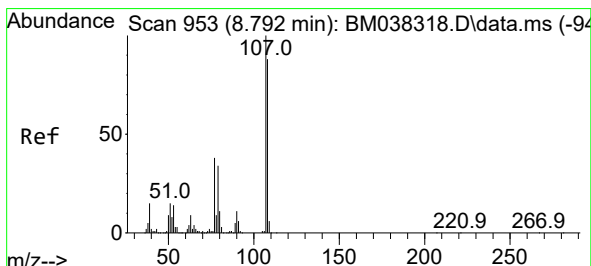
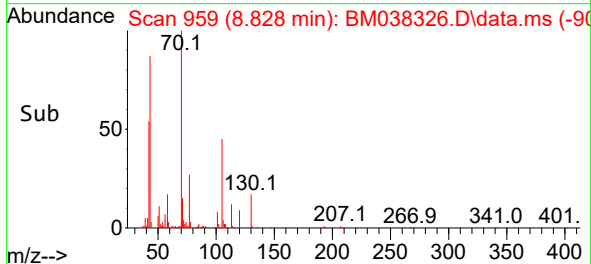
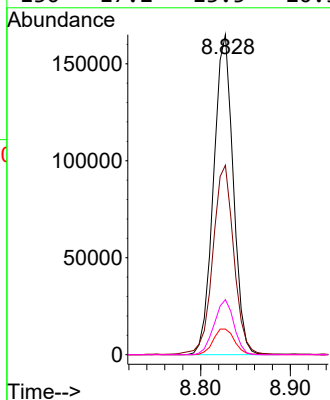
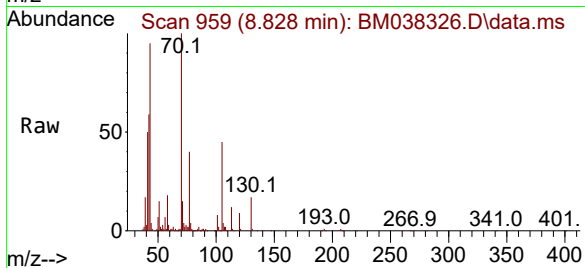




#19
n-Nitroso-di-n-propylamine
Concen: 41.765 ng
RT: 8.828 min Scan# 91
Delta R.T. -0.000 min
Lab File: BM038326.D
Acq: 27 Dec 2022 21:47

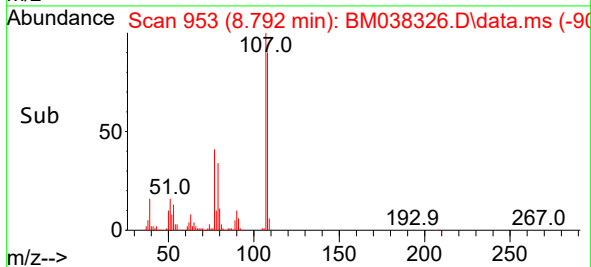
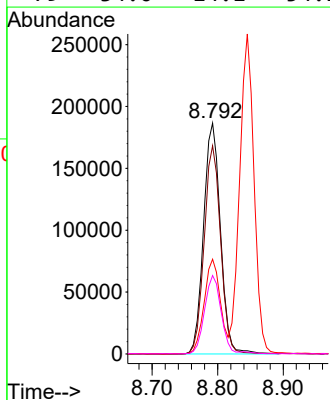
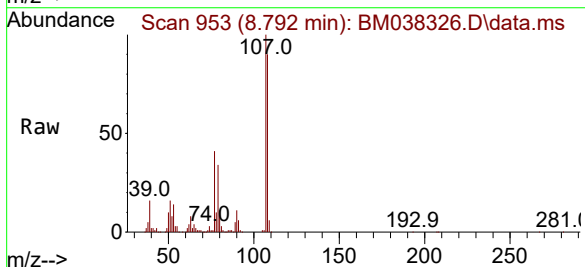
Instrument :
BNA_M
ClientSampleId :
PB149775BSD

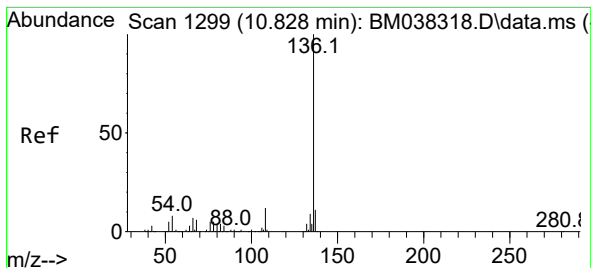
Tgt Ion: 70 Resp: 250757
Ion Ratio Lower Upper
70 100
42 59.2 45.1 67.7
101 8.0 7.0 10.4
130 17.2 13.5 20.3



#20
3+4-Methylphenols
Concen: 41.206 ng
RT: 8.792 min Scan# 953
Delta R.T. -0.000 min
Lab File: BM038326.D
Acq: 27 Dec 2022 21:47

Tgt Ion: 107 Resp: 333879
Ion Ratio Lower Upper
107 100
108 90.2 67.6 107.6
77 41.1 18.4 58.4
79 34.0 14.1 54.1

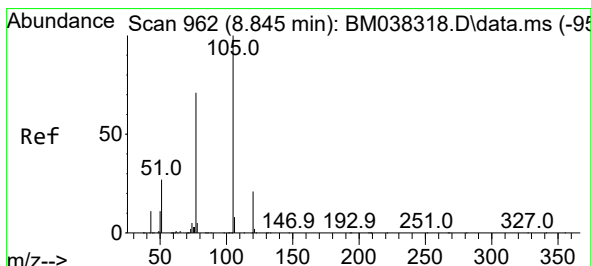
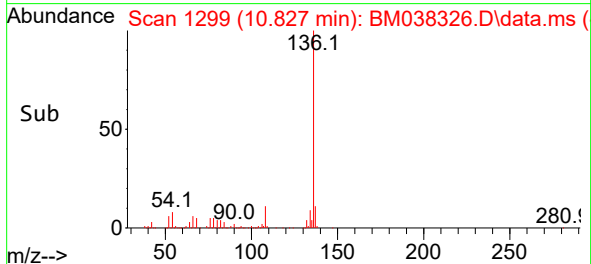
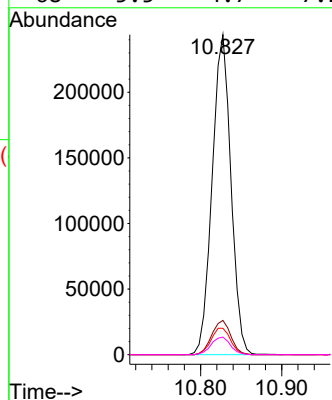
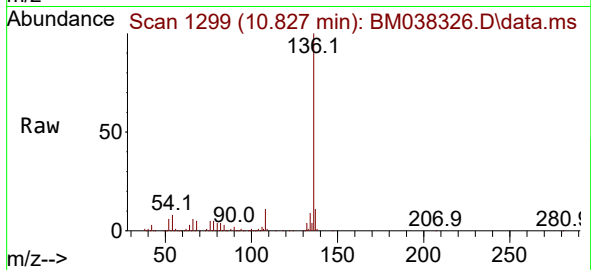




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.827 min Scan# 1299
Delta R.T. -0.000 min
Lab File: BM038326.D
Acq: 27 Dec 2022 21:47

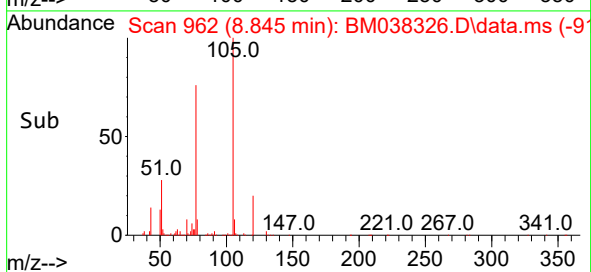
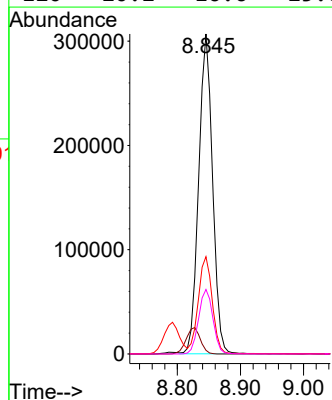
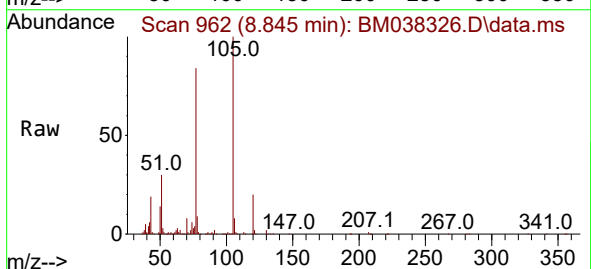
Instrument :
BNA_M
ClientSampleId :
PB149775BSD

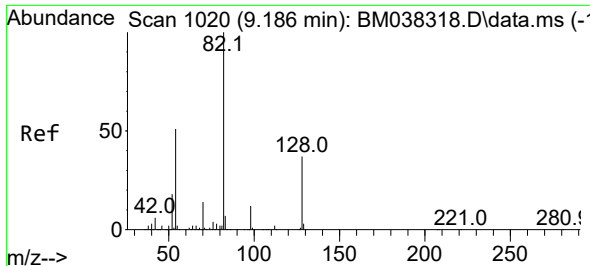
Tgt Ion:136 Resp: 390942
Ion Ratio Lower Upper
136 100
137 10.7 8.7 13.1
54 8.3 6.7 10.1
68 5.5 4.7 7.1



#22
Acetophenone
Concen: 42.320 ng
RT: 8.845 min Scan# 962
Delta R.T. -0.000 min
Lab File: BM038326.D
Acq: 27 Dec 2022 21:47

Tgt Ion:105 Resp: 467911
Ion Ratio Lower Upper
105 100
71 1.2 1.0 1.4
51 30.4 25.6 38.4
120 20.2 16.6 25.0

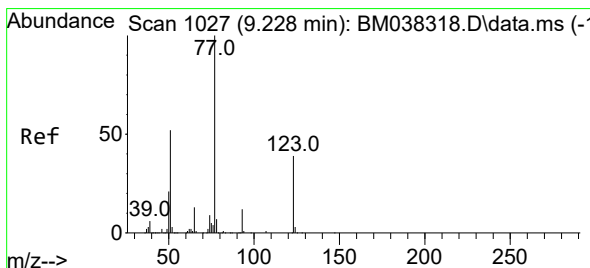
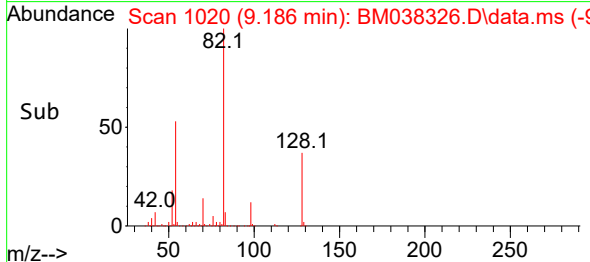
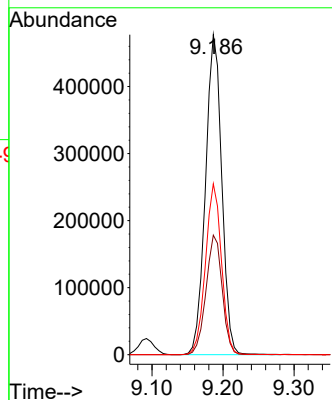
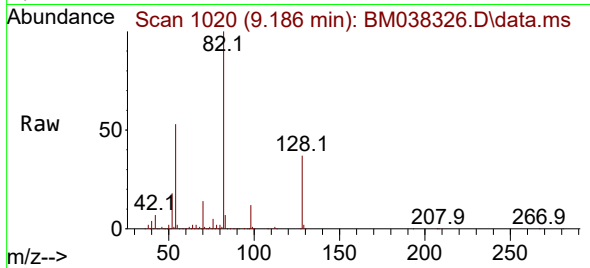




#23
Nitrobenzene-d5
Concen: 85.310 ng
RT: 9.186 min Scan# 1020
Delta R.T. -0.000 min
Lab File: BM038326.D
Acq: 27 Dec 2022 21:47

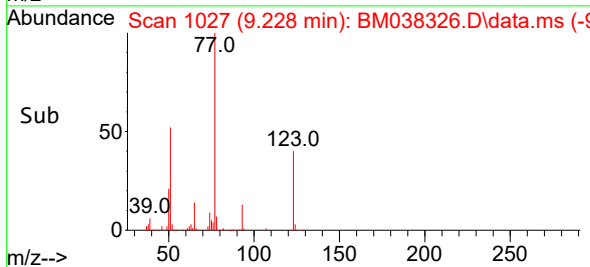
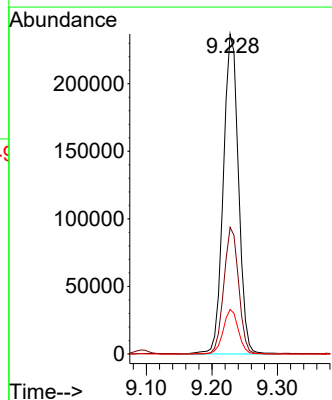
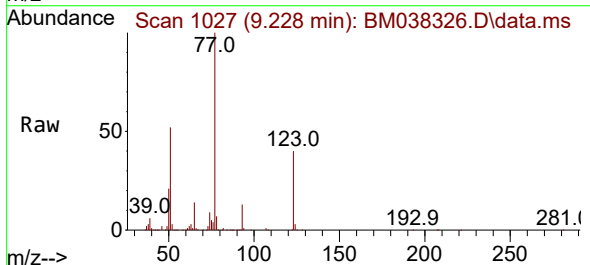
Instrument :
BNA_M
ClientSampleId :
PB149775BSD

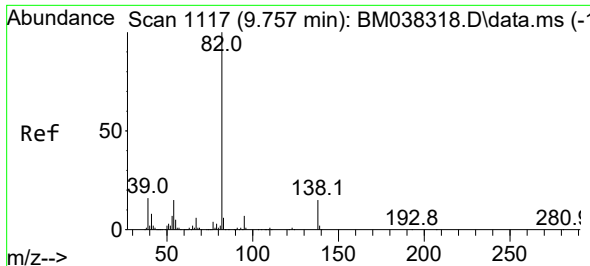
Tgt Ion: 82 Resp: 761528
Ion Ratio Lower Upper
82 100
128 37.4 29.4 44.2
54 53.4 41.0 61.6



#24
Nitrobenzene
Concen: 40.982 ng
RT: 9.228 min Scan# 1027
Delta R.T. -0.000 min
Lab File: BM038326.D
Acq: 27 Dec 2022 21:47

Tgt Ion: 77 Resp: 379901
Ion Ratio Lower Upper
77 100
123 39.5 31.0 46.4
65 13.9 10.7 16.1

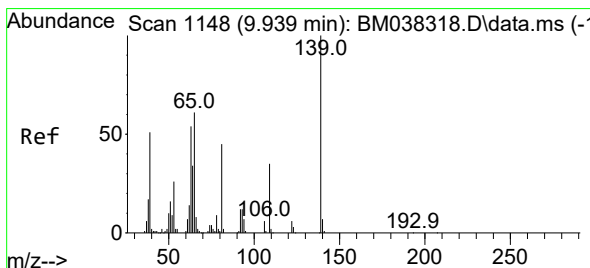
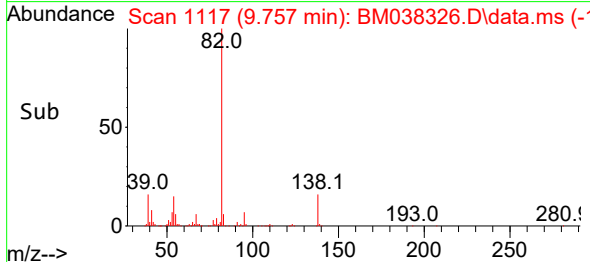
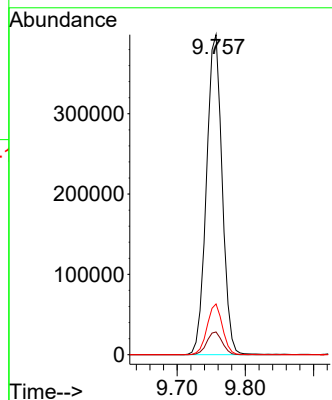
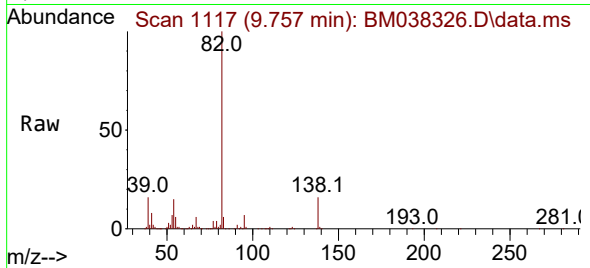




#25
Isophorone
Concen: 39.733 ng
RT: 9.757 min Scan# 1117
Delta R.T. -0.000 min
Lab File: BM038326.D
Acq: 27 Dec 2022 21:47

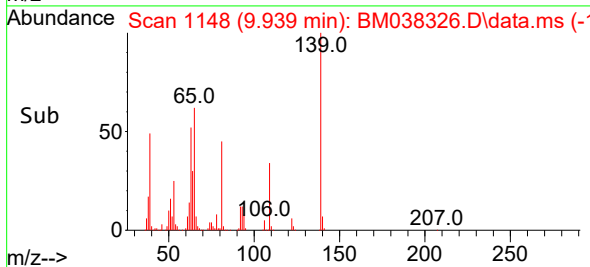
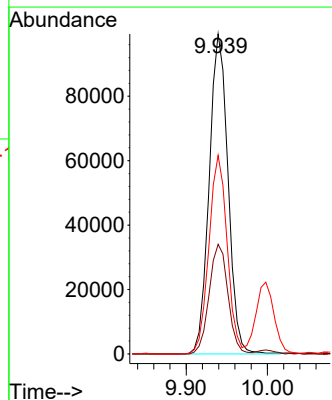
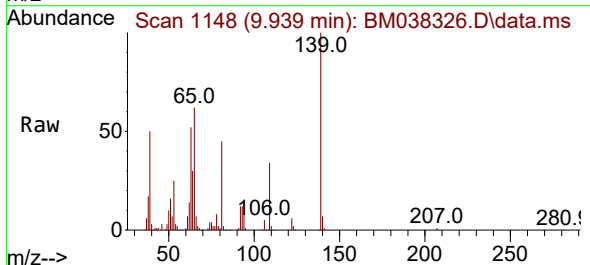
Instrument :
BNA_M
ClientSampleId :
PB149775BSD

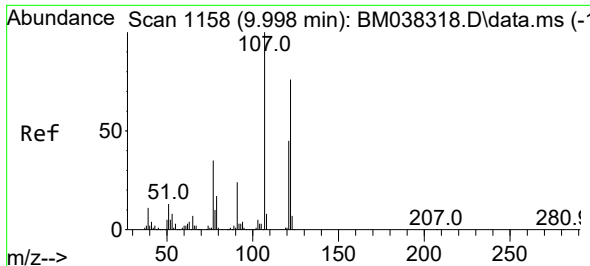
Tgt Ion: 82 Resp: 637631
Ion Ratio Lower Upper
82 100
95 7.1 5.4 8.2
138 15.9 12.3 18.5



#26
2-Nitrophenol
Concen: 44.181 ng
RT: 9.939 min Scan# 1148
Delta R.T. -0.000 min
Lab File: BM038326.D
Acq: 27 Dec 2022 21:47

Tgt Ion: 139 Resp: 159744
Ion Ratio Lower Upper
139 100
109 34.3 27.6 41.4
65 62.1 48.6 72.8

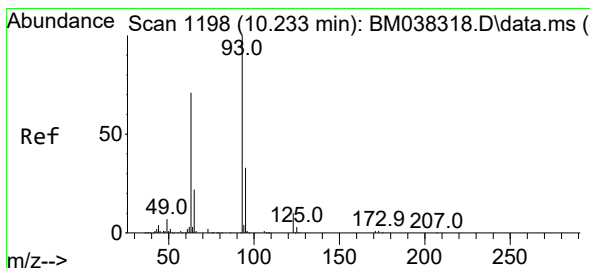
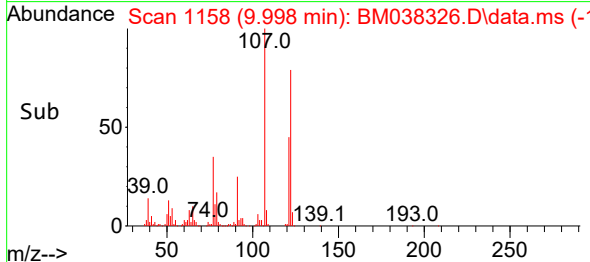
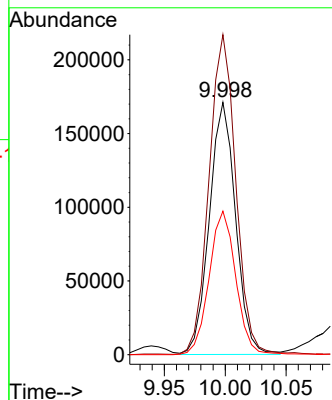
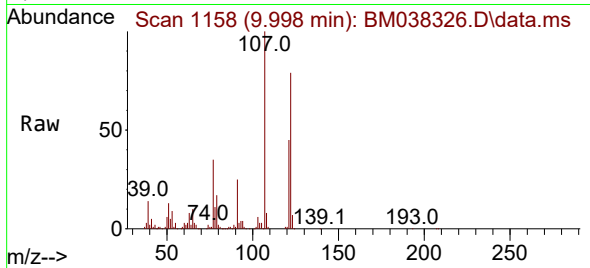




#27
2,4-Dimethylphenol
Concen: 42.515 ng
RT: 9.998 min Scan# 1158
Delta R.T. -0.000 min
Lab File: BM038326.D
Acq: 27 Dec 2022 21:47

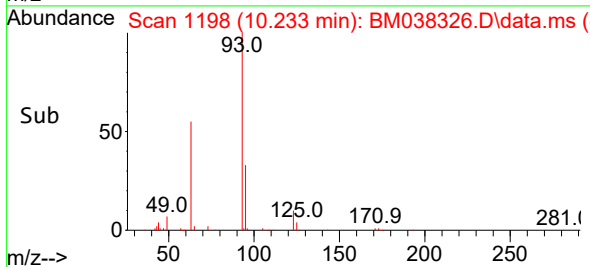
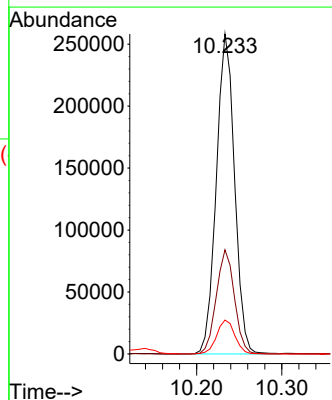
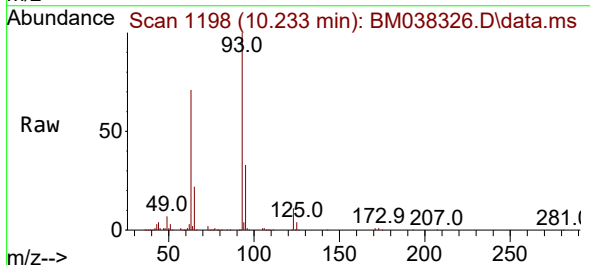
Instrument :
BNA_M
ClientSampleId :
PB149775BSD

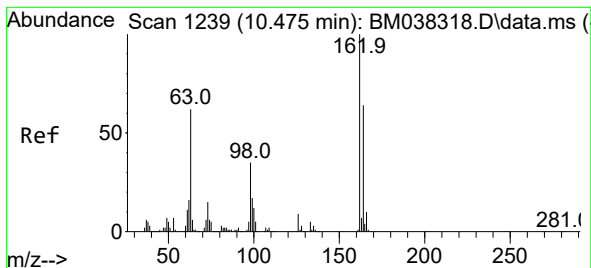
Tgt Ion:122 Resp: 256411
Ion Ratio Lower Upper
122 100
107 126.8 104.9 157.3
121 56.9 47.1 70.7



#28
bis(2-Chloroethoxy)methane
Concen: 41.063 ng
RT: 10.233 min Scan# 1198
Delta R.T. -0.000 min
Lab File: BM038326.D
Acq: 27 Dec 2022 21:47

Tgt Ion: 93 Resp: 384081
Ion Ratio Lower Upper
93 100
95 32.6 26.2 39.2
123 10.6 8.4 12.6





#29

2,4-Dichlorophenol

Concen: 43.418 ng

RT: 10.475 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM038326.D

Acq: 27 Dec 2022 21:47

Instrument :

BNA_M

ClientSampleId :

PB149775BSD

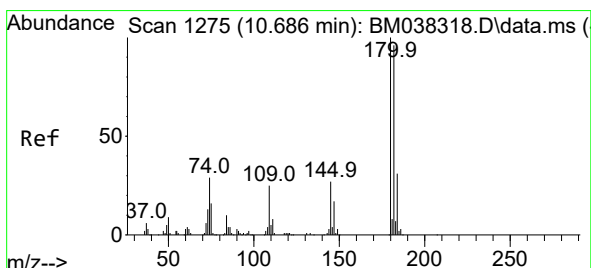
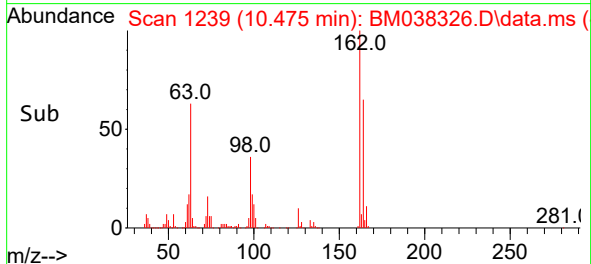
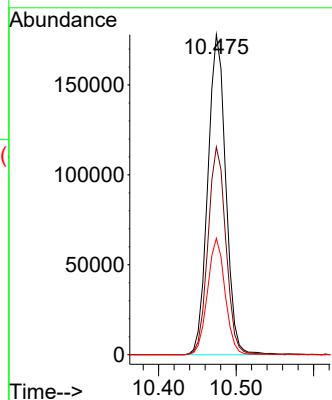
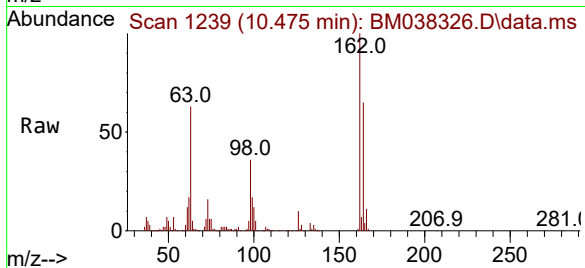
Tgt Ion:162 Resp: 285923

Ion Ratio Lower Upper

162 100

164 64.9 44.2 84.2

98 36.4 15.5 55.5



#30

1,2,4-Trichlorobenzene

Concen: 43.666 ng

RT: 10.686 min Scan# 1275

Delta R.T. -0.000 min

Lab File: BM038326.D

Acq: 27 Dec 2022 21:47

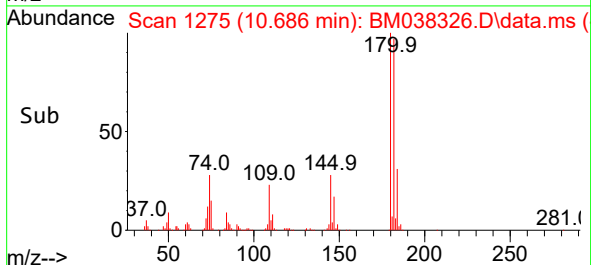
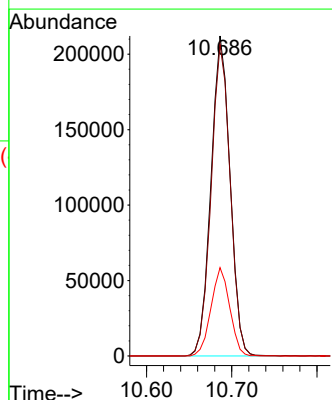
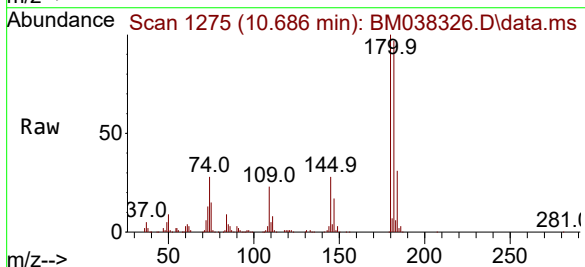
Tgt Ion:180 Resp: 330727

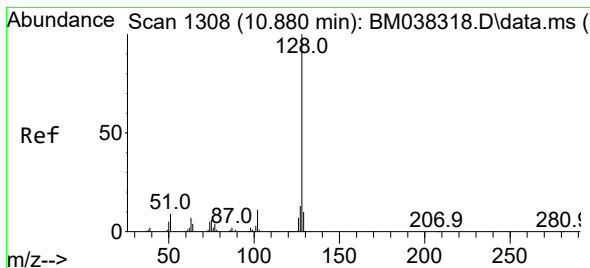
Ion Ratio Lower Upper

180 100

182 97.4 77.0 115.4

145 27.6 21.8 32.8





#31

Naphthalene

Concen: 41.346 ng

RT: 10.874 min Scan# 11

Delta R.T. -0.006 min

Lab File: BM038326.D

Acq: 27 Dec 2022 21:47

Instrument :

BNA_M

ClientSampleId :

PB149775BSD

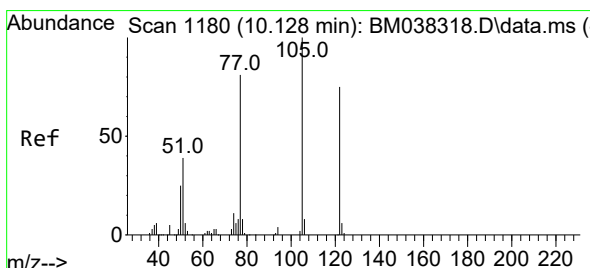
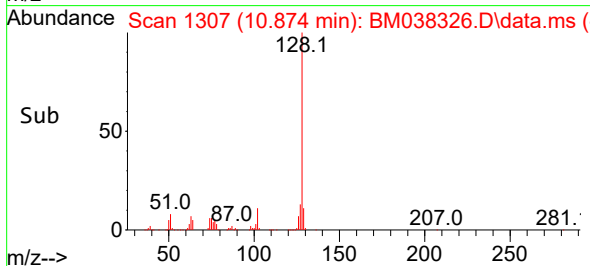
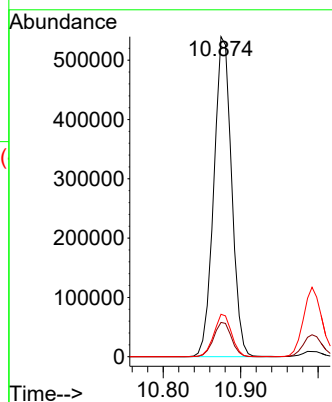
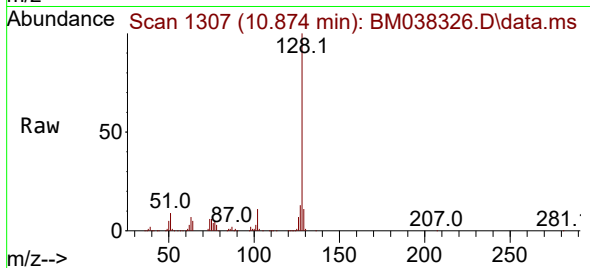
Tgt Ion:128 Resp: 858869

Ion Ratio Lower Upper

128 100

129 10.7 8.3 12.5

127 13.2 10.5 15.7



#32

Benzoic acid

Concen: 41.169 ng

RT: 10.145 min Scan# 1183

Delta R.T. 0.017 min

Lab File: BM038326.D

Acq: 27 Dec 2022 21:47

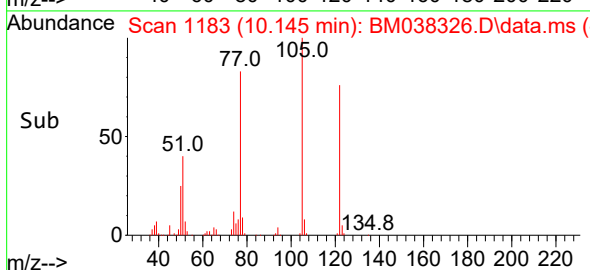
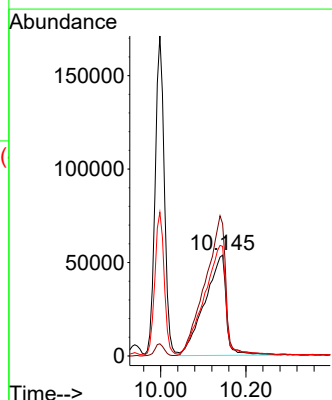
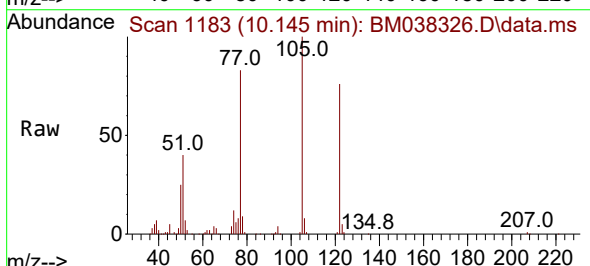
Tgt Ion:122 Resp: 186984

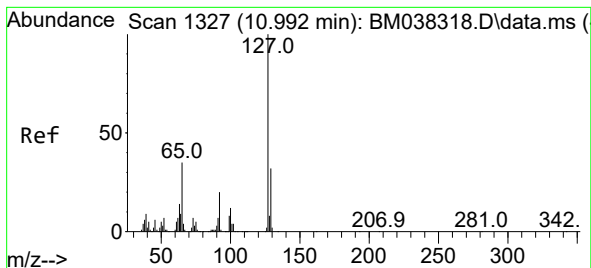
Ion Ratio Lower Upper

122 100

105 131.4 111.1 151.1

77 108.7 87.8 127.8





#33

4-Chloroaniline

Concen: 22.955 ng

RT: 10.992 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM038326.D

Acq: 27 Dec 2022 21:47

Instrument :

BNA_M

ClientSampleId :

PB149775BSD

Tgt Ion:127 Resp: 203107

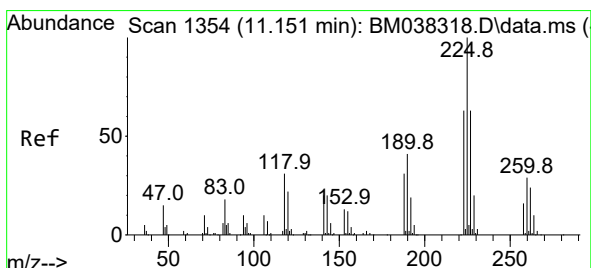
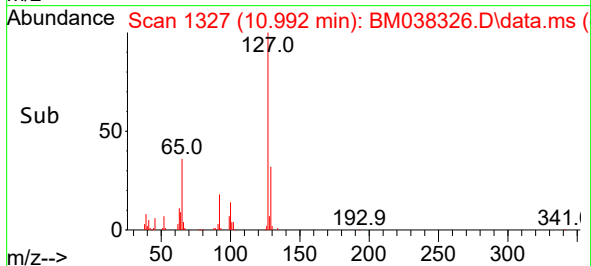
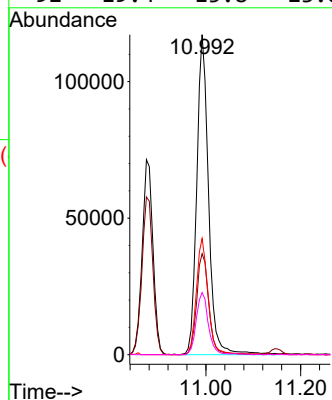
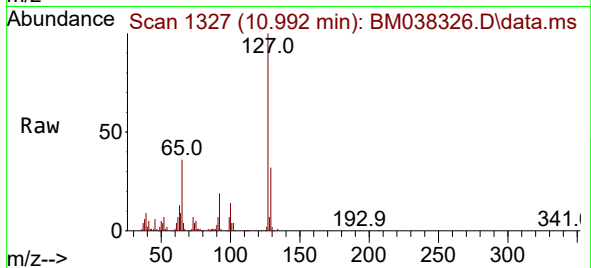
Ion Ratio Lower Upper

127 100

129 31.5 26.0 39.0

65 36.3 28.2 42.2

92 19.4 15.8 23.8



#34

Hexachlorobutadiene

Concen: 44.878 ng

RT: 11.151 min Scan# 1354

Delta R.T. -0.000 min

Lab File: BM038326.D

Acq: 27 Dec 2022 21:47

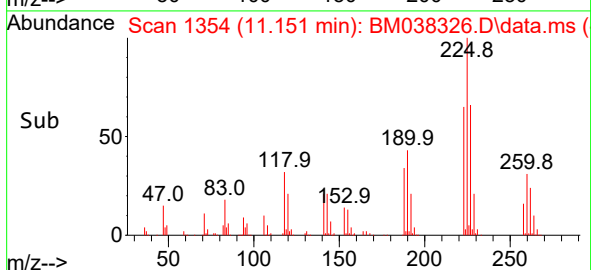
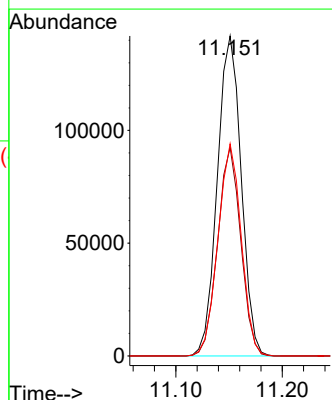
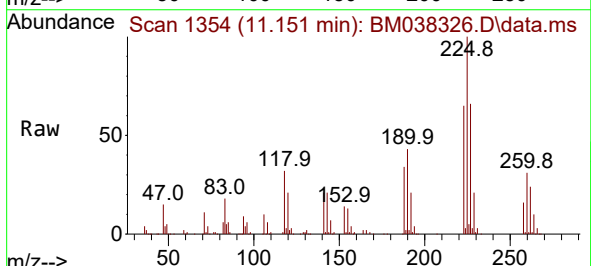
Tgt Ion:225 Resp: 220757

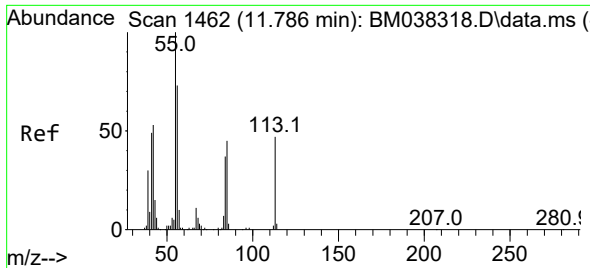
Ion Ratio Lower Upper

225 100

223 65.2 50.2 75.2

227 66.3 50.1 75.1

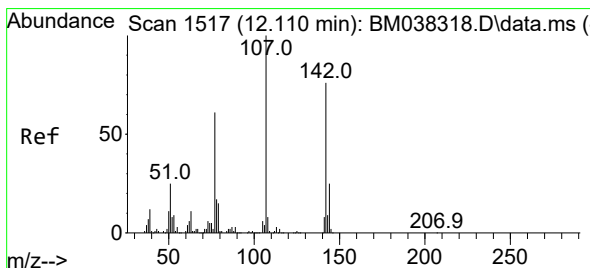
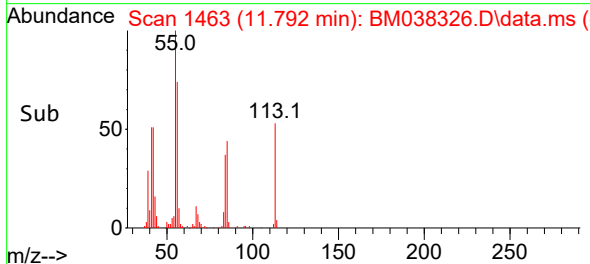
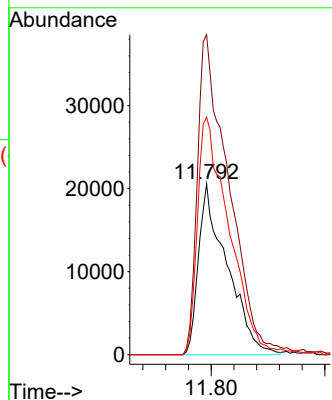
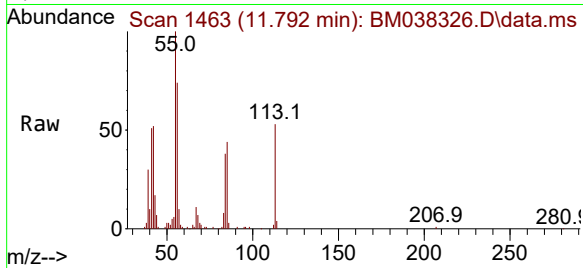




#35
Caprolactam
Concen: 37.390 ng
RT: 11.792 min Scan# 1463
Delta R.T. 0.006 min
Lab File: BM038326.D
Acq: 27 Dec 2022 21:47

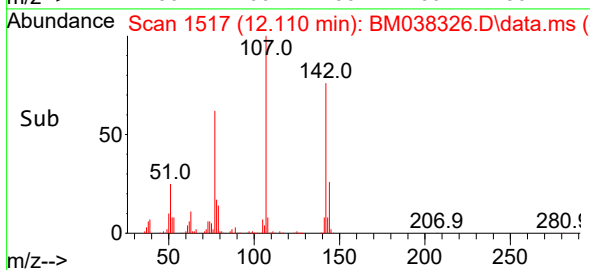
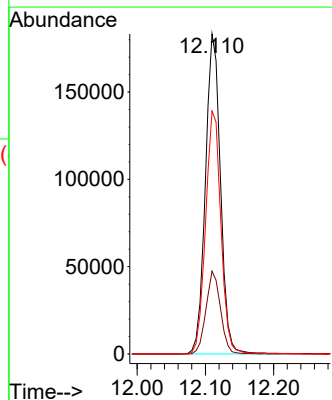
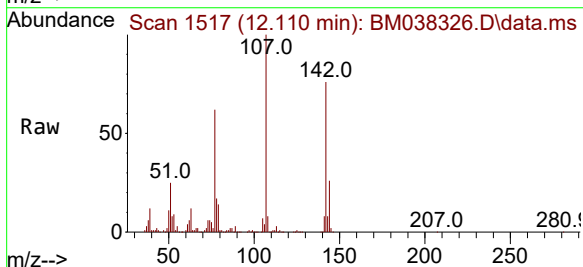
Instrument :
BNA_M
ClientSampleId :
PB149775BSD

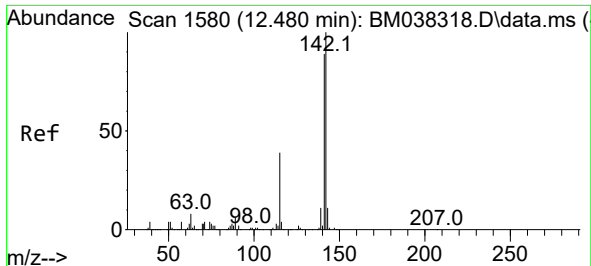
Tgt Ion:113 Resp: 71777
Ion Ratio Lower Upper
113 100
55 187.3 192.5 232.5#
56 139.0 134.9 174.9



#36
4-Chloro-3-methylphenol
Concen: 40.512 ng
RT: 12.110 min Scan# 1517
Delta R.T. -0.000 min
Lab File: BM038326.D
Acq: 27 Dec 2022 21:47

Tgt Ion:107 Resp: 281569
Ion Ratio Lower Upper
107 100
144 25.9 20.3 30.5
142 75.9 60.8 91.2

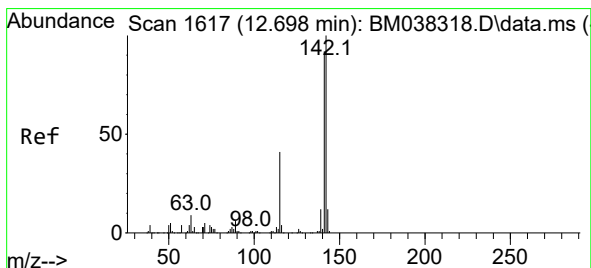
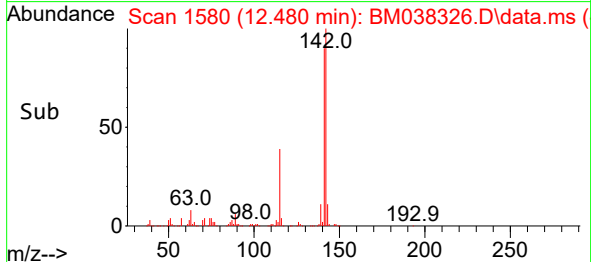
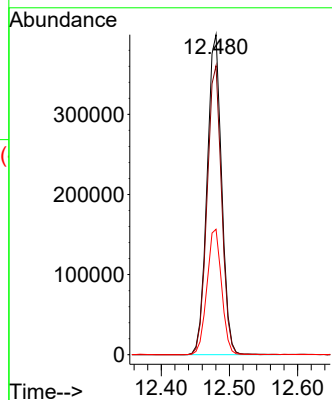
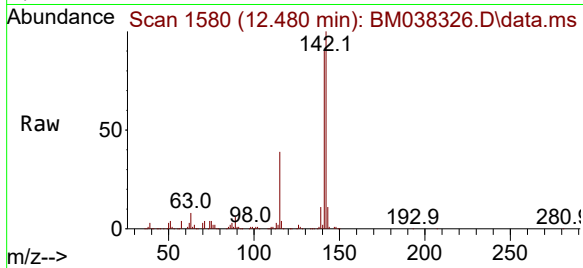




#37
2-Methylnaphthalene
Concen: 39.891 ng
RT: 12.480 min Scan# 1580
Delta R.T. -0.000 min
Lab File: BM038326.D
Acq: 27 Dec 2022 21:47

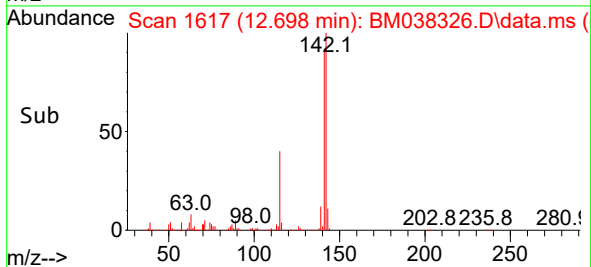
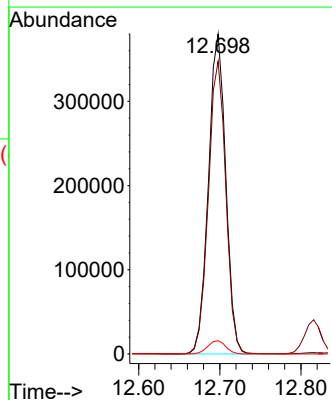
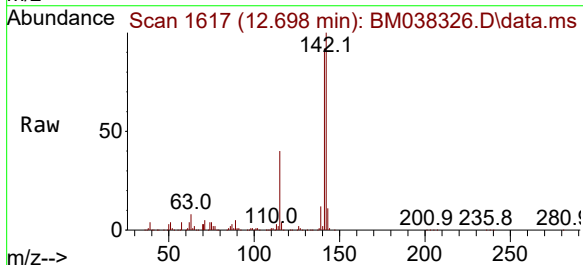
Instrument :
BNA_M
ClientSampleId :
PB149775BSD

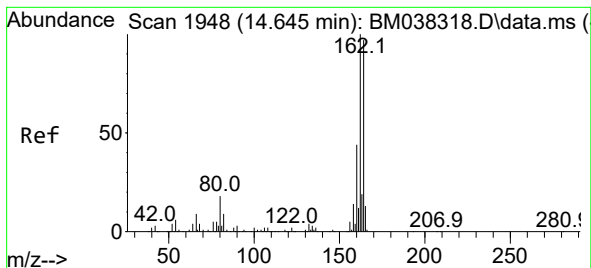
Tgt Ion:142 Resp: 594318
Ion Ratio Lower Upper
142 100
141 90.3 71.0 106.6
115 39.2 31.0 46.4



#38
1-Methylnaphthalene
Concen: 40.140 ng
RT: 12.698 min Scan# 1617
Delta R.T. -0.000 min
Lab File: BM038326.D
Acq: 27 Dec 2022 21:47

Tgt Ion:142 Resp: 563140
Ion Ratio Lower Upper
142 100
141 91.5 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: BM038326.D

Acq: 27 Dec 2022 21:47

Instrument :

BNA_M

ClientSampleId :

PB149775BSD

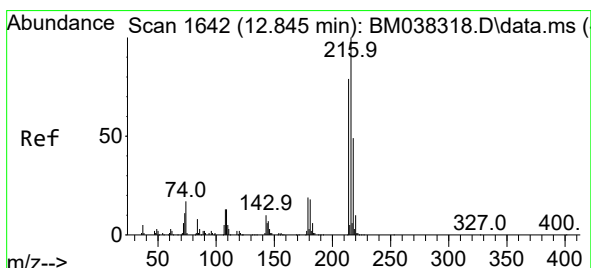
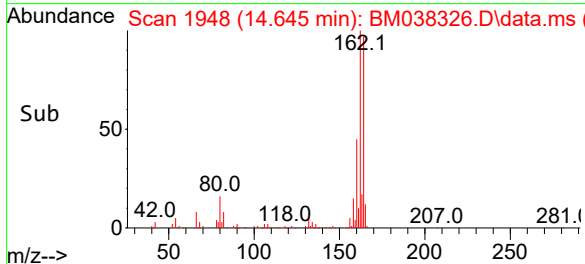
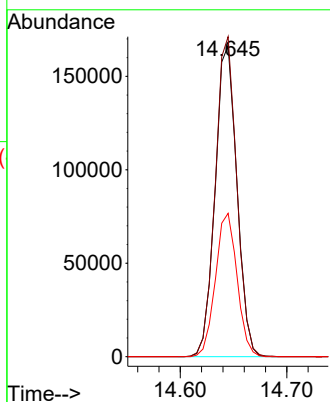
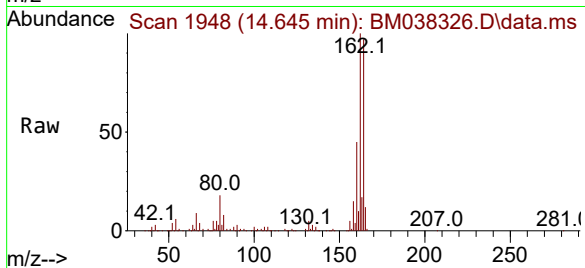
Tgt Ion:164 Resp: 235540

Ion Ratio Lower Upper

164 100

162 102.8 82.6 124.0

160 46.1 36.7 55.1



#40

1,2,4,5-Tetrachlorobenzene

Concen: 44.885 ng

RT: 12.845 min Scan# 1642

Delta R.T. -0.000 min

Lab File: BM038326.D

Acq: 27 Dec 2022 21:47

Tgt Ion:216 Resp: 390504

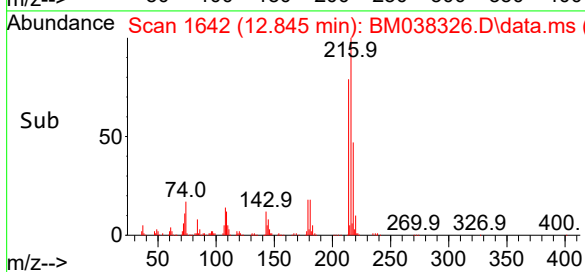
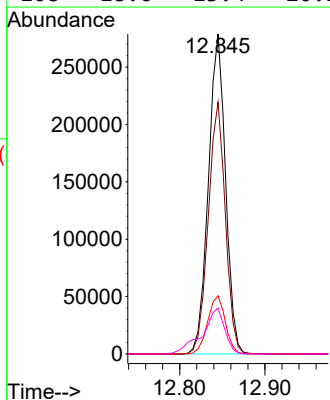
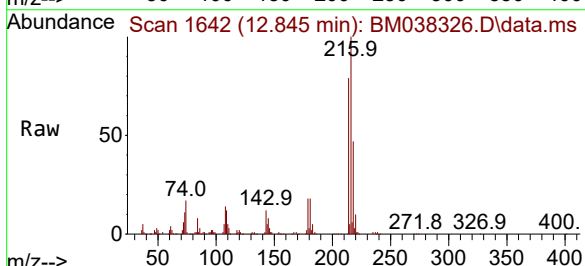
Ion Ratio Lower Upper

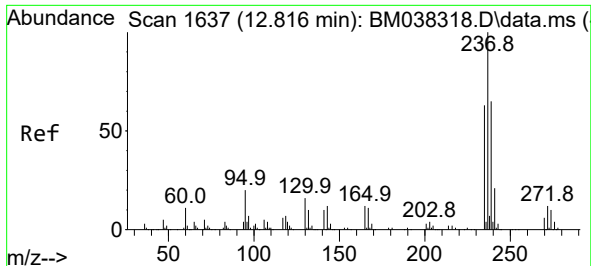
216 100

214 78.5 63.0 94.4

179 18.7 15.3 22.9

108 18.6 13.4 20.2

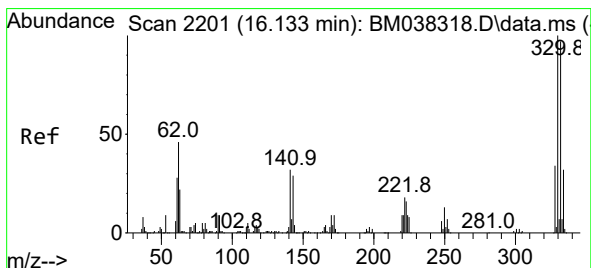
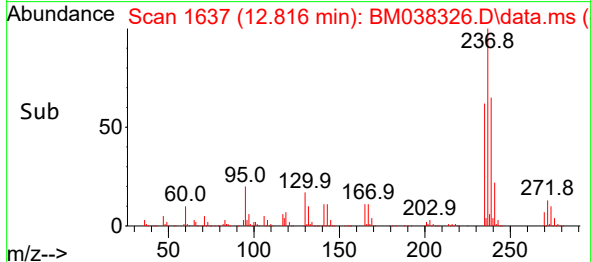
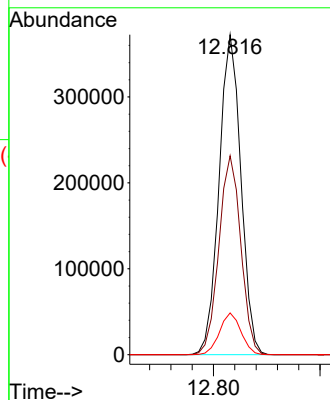
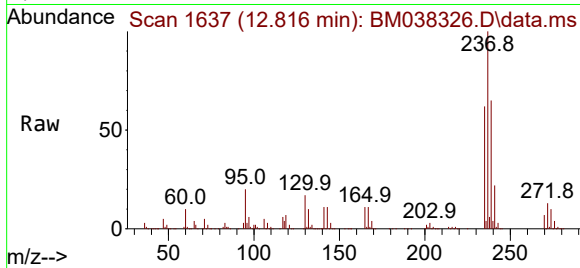




#41
Hexachlorocyclopentadiene
Concen: 111.149 ng
RT: 12.816 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM038326.D
Acq: 27 Dec 2022 21:47

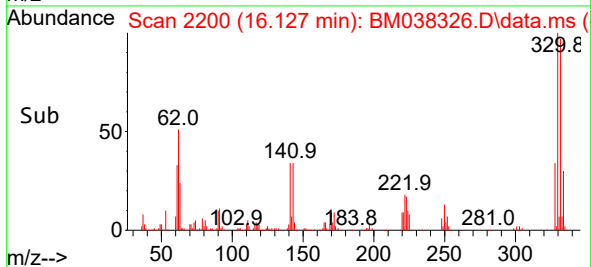
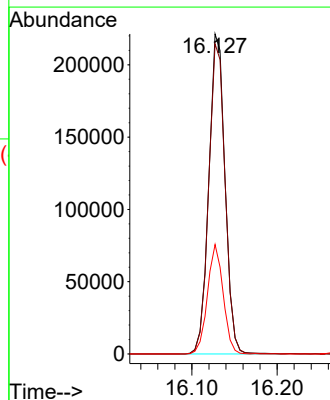
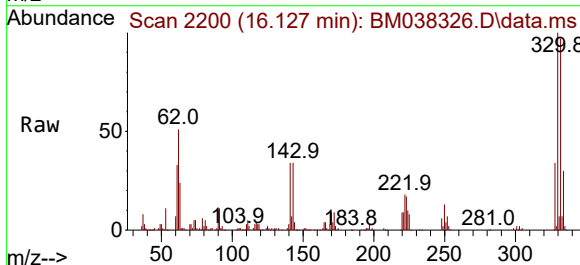
Instrument :
BNA_M
ClientSampleId :
PB149775BSD

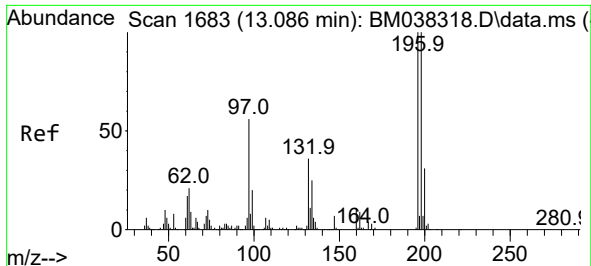
Tgt Ion:237 Resp: 528690
Ion Ratio Lower Upper
237 100
235 62.1 43.4 83.4
272 13.1 0.0 32.3



#42
2,4,6-Tribromophenol
Concen: 81.370 ng
RT: 16.127 min Scan# 2200
Delta R.T. -0.006 min
Lab File: BM038326.D
Acq: 27 Dec 2022 21:47

Tgt Ion:330 Resp: 291977
Ion Ratio Lower Upper
330 100
332 98.0 77.2 115.8
141 33.2 27.0 40.6

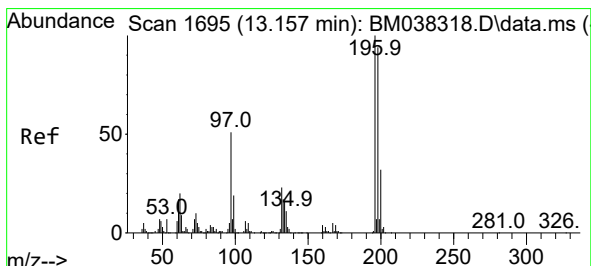
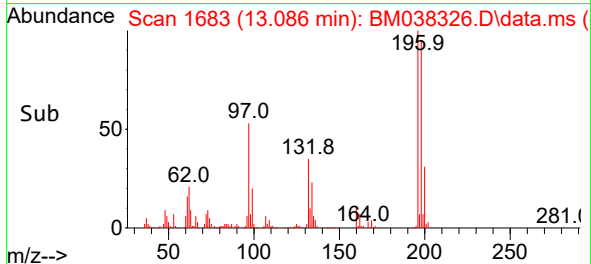
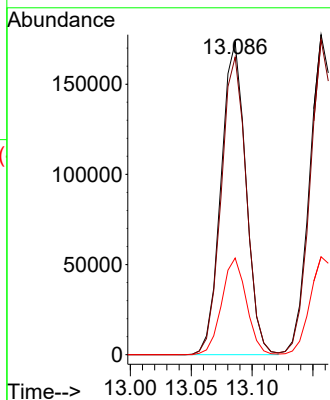
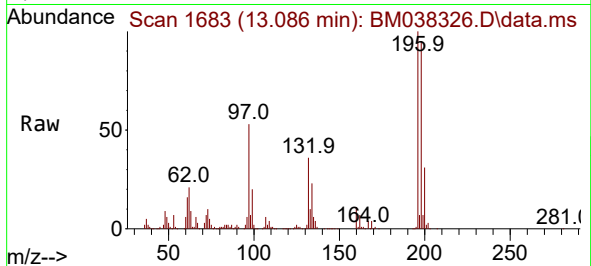




#43
2,4,6-Trichlorophenol
Concen: 43.314 ng
RT: 13.086 min Scan# 1683
Delta R.T. -0.000 min
Lab File: BM038326.D
Acq: 27 Dec 2022 21:47

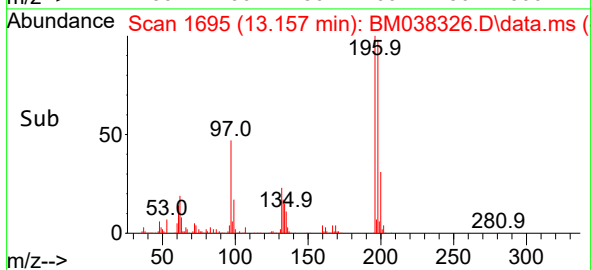
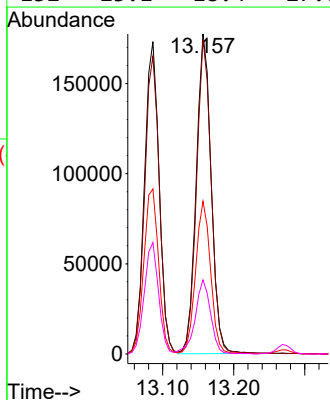
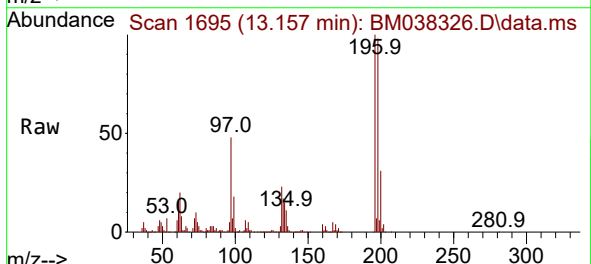
Instrument :
BNA_M
ClientSampleId :
PB149775BSD

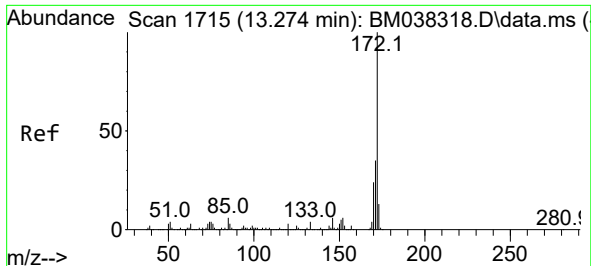
Tgt Ion:196 Resp: 246538
Ion Ratio Lower Upper
196 100
198 95.3 79.9 119.9
200 30.9 24.9 37.3



#44
2,4,5-Trichlorophenol
Concen: 39.295 ng
RT: 13.157 min Scan# 1695
Delta R.T. -0.000 min
Lab File: BM038326.D
Acq: 27 Dec 2022 21:47

Tgt Ion:196 Resp: 260570
Ion Ratio Lower Upper
196 100
198 98.4 75.2 112.8
97 47.7 41.2 61.8
132 23.1 18.4 27.6

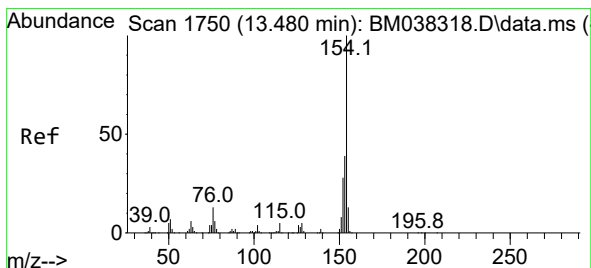
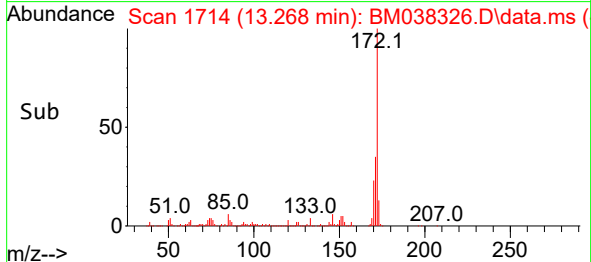
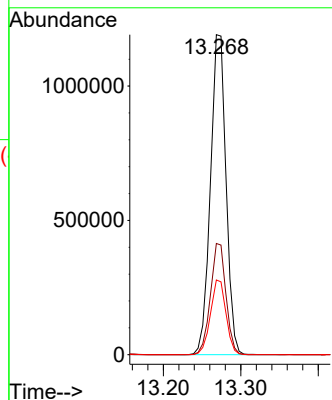
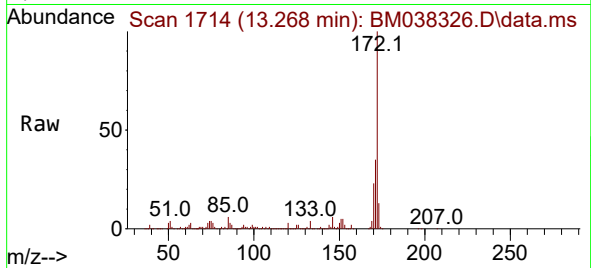




#45
2-Fluorobiphenyl
Concen: 89.048 ng
RT: 13.268 min Scan# 1714
Delta R.T. -0.006 min
Lab File: BM038326.D
Acq: 27 Dec 2022 21:47

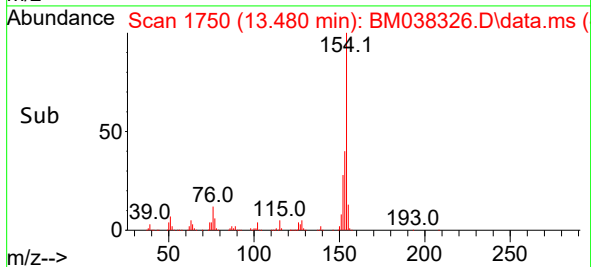
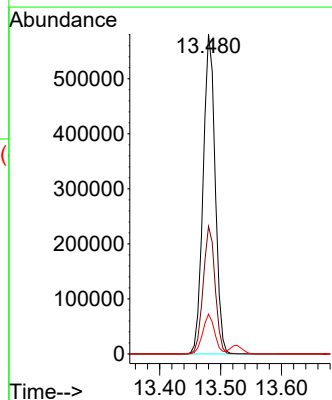
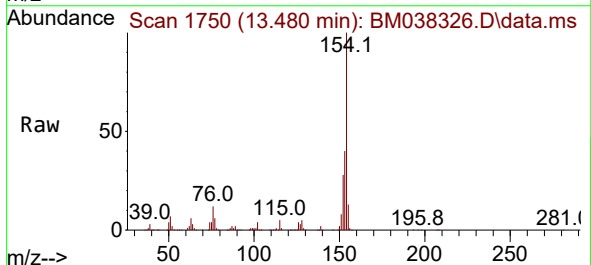
Instrument :
BNA_M
ClientSampleId :
PB149775BSD

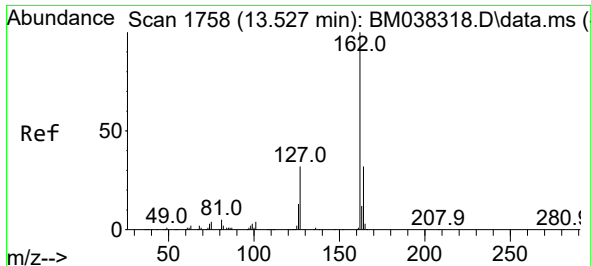
Tgt Ion:172 Resp: 1666809
Ion Ratio Lower Upper
172 100
171 34.7 28.2 42.2
170 23.4 19.0 28.4



#46
1,1'-Biphenyl
Concen: 42.956 ng
RT: 13.480 min Scan# 1750
Delta R.T. -0.000 min
Lab File: BM038326.D
Acq: 27 Dec 2022 21:47

Tgt Ion:154 Resp: 798697
Ion Ratio Lower Upper
154 100
153 39.9 19.1 59.1
76 12.4 0.0 32.7

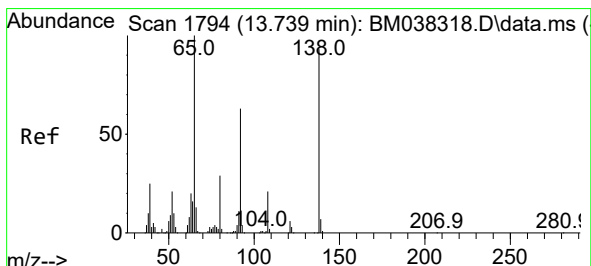
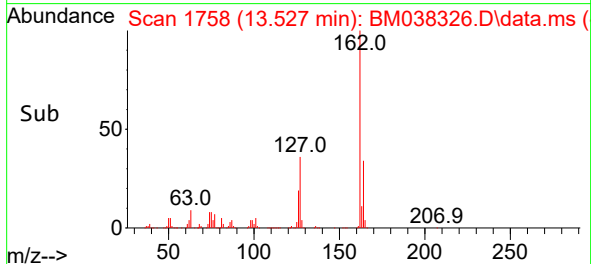
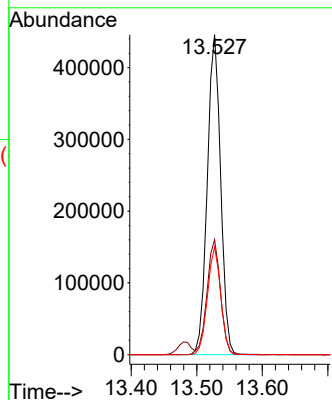
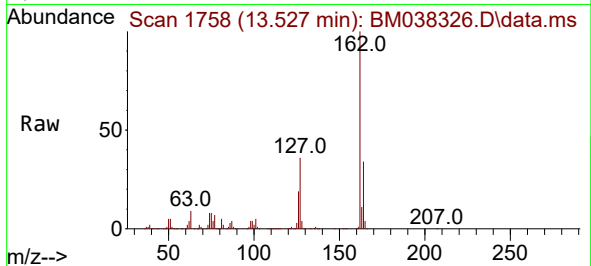




#47
2-Chloronaphthalene
Concen: 43.042 ng
RT: 13.527 min Scan# 1758
Delta R.T. -0.000 min
Lab File: BM038326.D
Acq: 27 Dec 2022 21:47

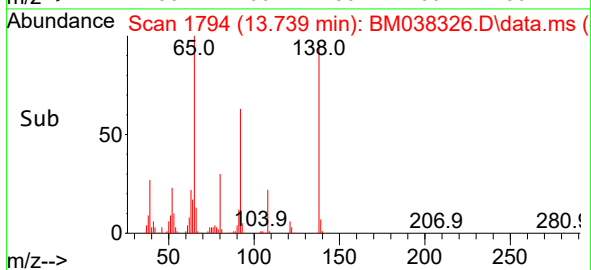
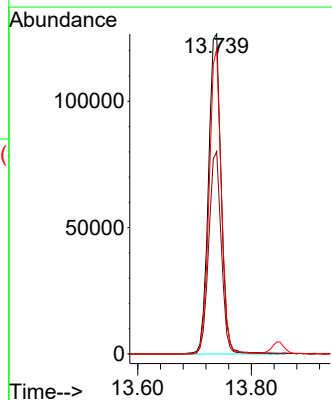
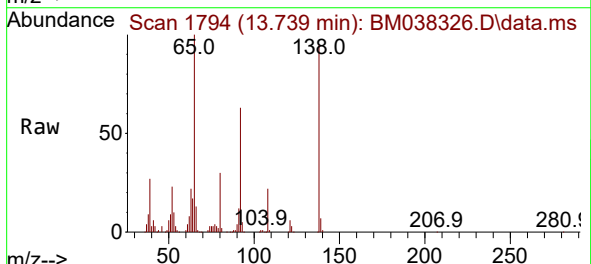
Instrument :
BNA_M
ClientSampleId :
PB149775BSD

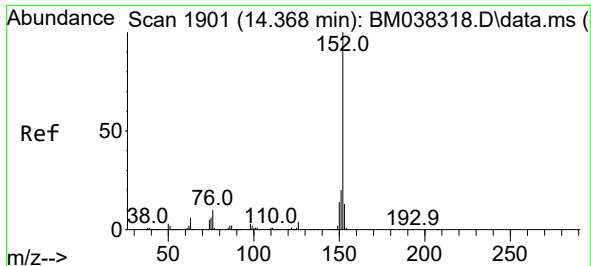
Tgt Ion:162 Resp: 631704
Ion Ratio Lower Upper
162 100
127 35.9 28.6 43.0
164 33.6 26.0 39.0



#48
2-Nitroaniline
Concen: 39.624 ng
RT: 13.739 min Scan# 1794
Delta R.T. -0.000 min
Lab File: BM038326.D
Acq: 27 Dec 2022 21:47

Tgt Ion: 65 Resp: 195362
Ion Ratio Lower Upper
65 100
92 63.2 50.3 75.5
138 95.4 74.3 111.5

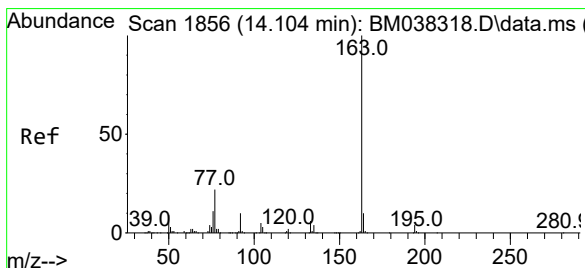
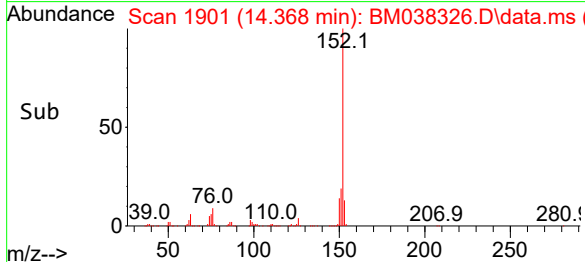
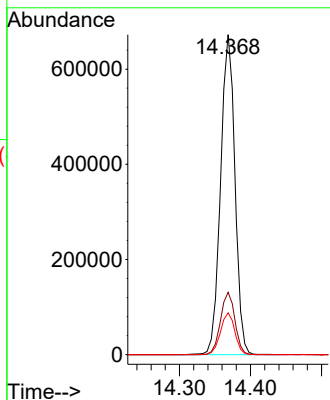
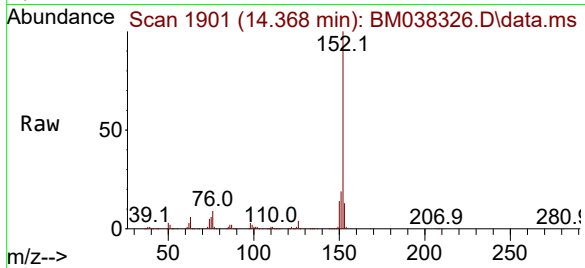




#49
Acenaphthylene
Concen: 40.568 ng
RT: 14.368 min Scan# 1901
Delta R.T. 0.000 min
Lab File: BM038326.D
Acq: 27 Dec 2022 21:47

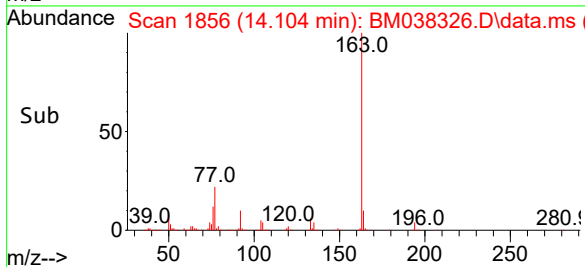
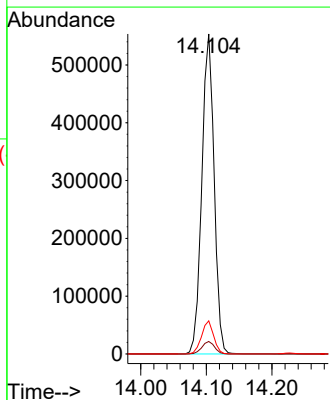
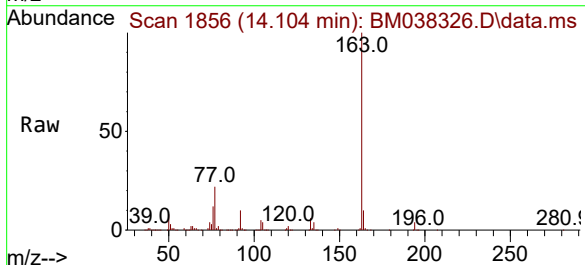
Instrument :
BNA_M
ClientSampleId :
PB149775BSD

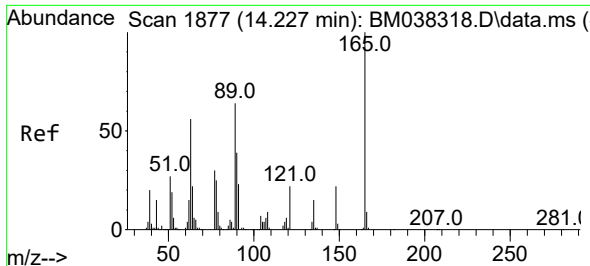
Tgt Ion:152 Resp: 939796
Ion Ratio Lower Upper
152 100
151 19.5 15.8 23.6
153 13.1 10.3 15.5



#50
Dimethylphthalate
Concen: 38.604 ng
RT: 14.104 min Scan# 1856
Delta R.T. -0.000 min
Lab File: BM038326.D
Acq: 27 Dec 2022 21:47

Tgt Ion:163 Resp: 723776
Ion Ratio Lower Upper
163 100
194 3.9 3.2 4.8
164 10.3 8.2 12.2

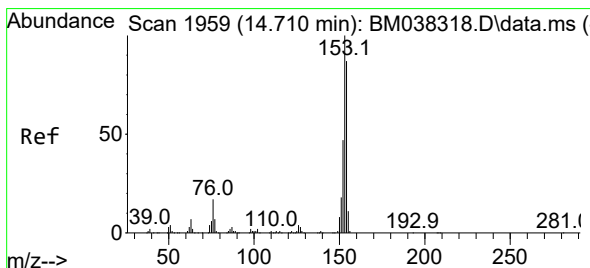
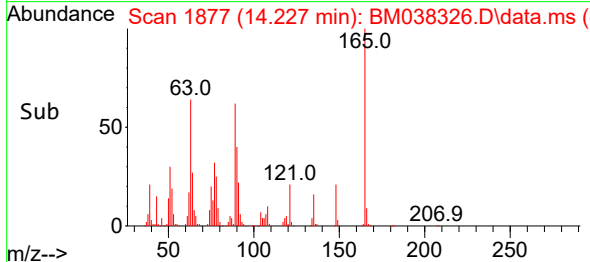
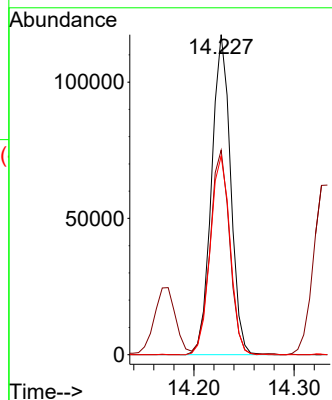
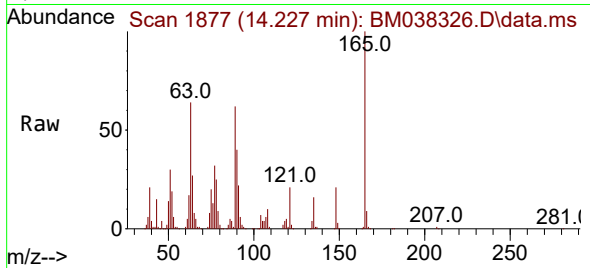




#51
2,6-Dinitrotoluene
Concen: 39.232 ng
RT: 14.227 min Scan# 1877
Delta R.T. 0.000 min
Lab File: BM038326.D
Acq: 27 Dec 2022 21:47

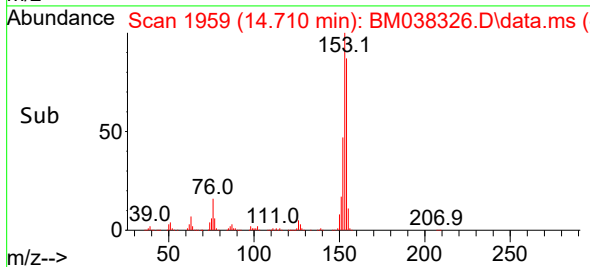
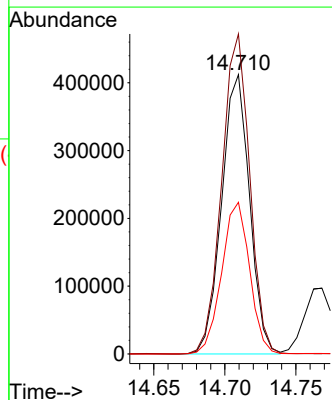
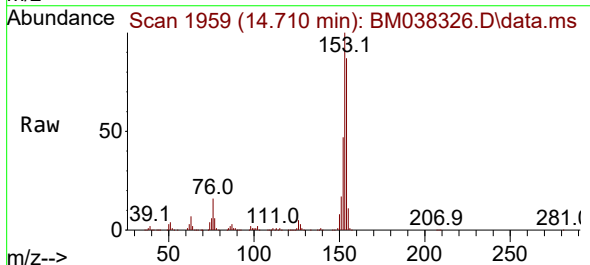
Instrument :
BNA_M
ClientSampleId :
PB149775BSD

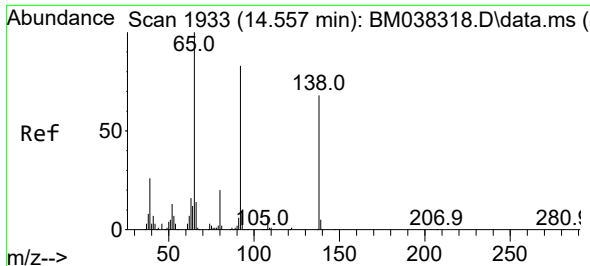
Tgt Ion:165 Resp: 155039
Ion Ratio Lower Upper
165 100
63 63.9 50.3 75.5
89 62.1 51.3 76.9



#52
Acenaphthene
Concen: 40.400 ng
RT: 14.710 min Scan# 1959
Delta R.T. -0.000 min
Lab File: BM038326.D
Acq: 27 Dec 2022 21:47

Tgt Ion:154 Resp: 564330
Ion Ratio Lower Upper
154 100
153 114.6 91.6 137.4
152 54.3 43.0 64.6

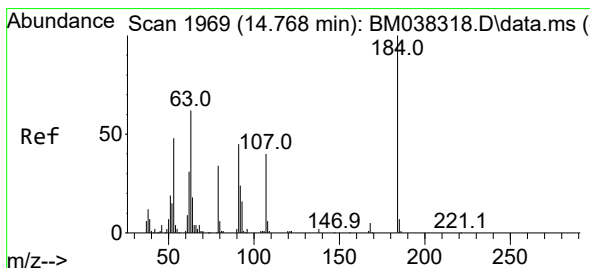
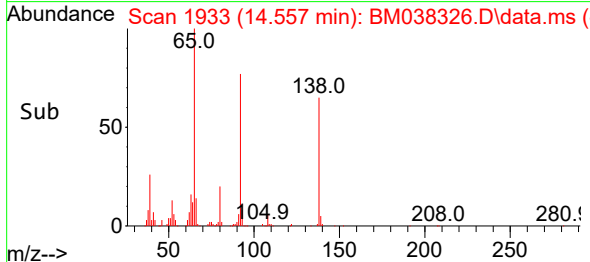
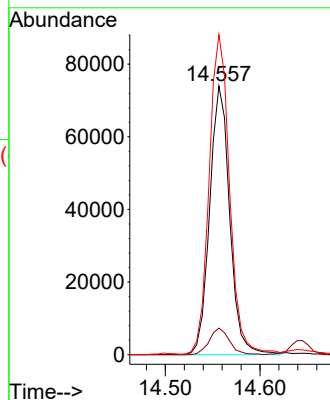
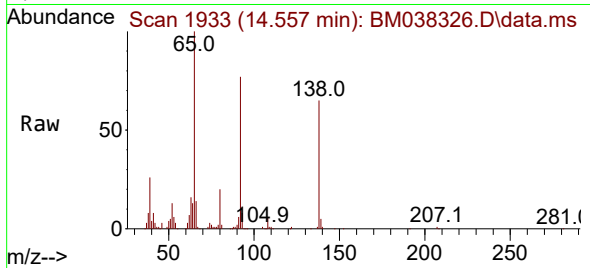




#53
3-Nitroaniline
Concen: 26.899 ng
RT: 14.557 min Scan# 1933
Delta R.T. -0.000 min
Lab File: BM038326.D
Acq: 27 Dec 2022 21:47

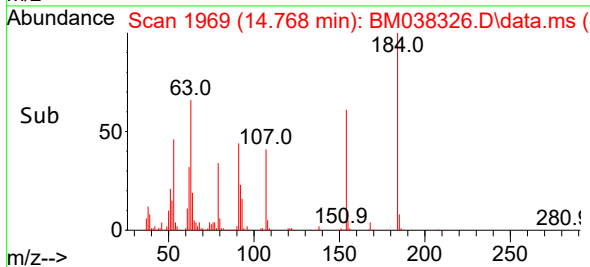
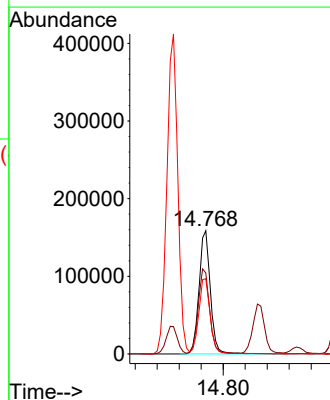
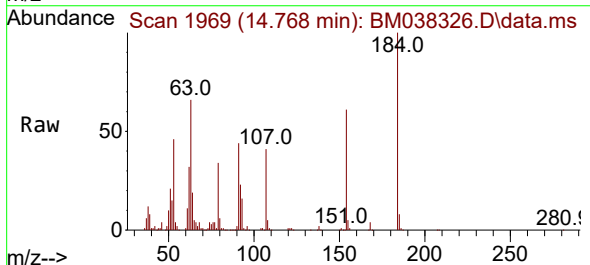
Instrument :
BNA_M
ClientSampleId :
PB149775BSD

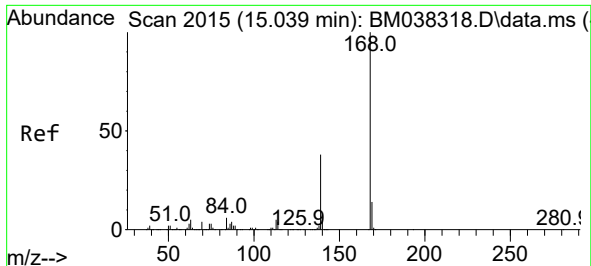
Tgt Ion:138 Resp: 108674
Ion Ratio Lower Upper
138 100
108 9.9 7.8 11.6
92 119.1 98.4 147.6



#54
2,4-Dinitrophenol
Concen: 75.065 ng
RT: 14.768 min Scan# 1969
Delta R.T. 0.000 min
Lab File: BM038326.D
Acq: 27 Dec 2022 21:47

Tgt Ion:184 Resp: 227692
Ion Ratio Lower Upper
184 100
63 65.7 54.3 81.5
154 61.1 45.8 68.8

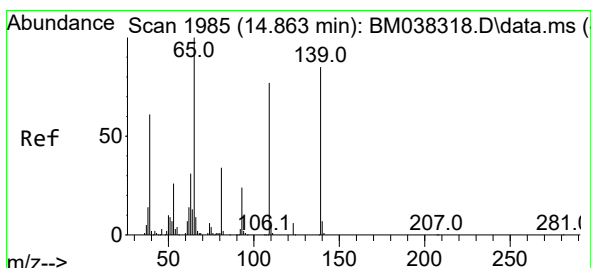
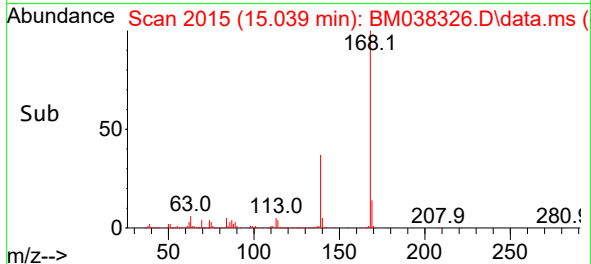
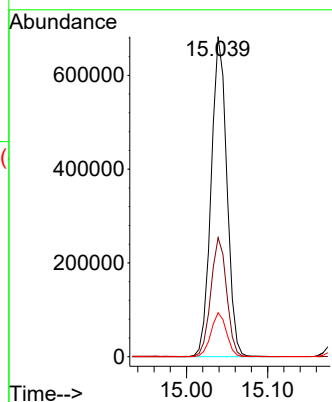
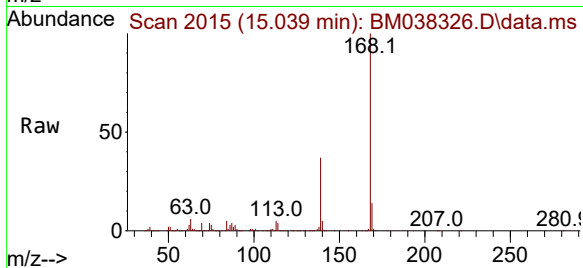




#55
Dibenzofuran
Concen: 39.410 ng
RT: 15.039 min Scan# 2015
Delta R.T. -0.000 min
Lab File: BM038326.D
Acq: 27 Dec 2022 21:47

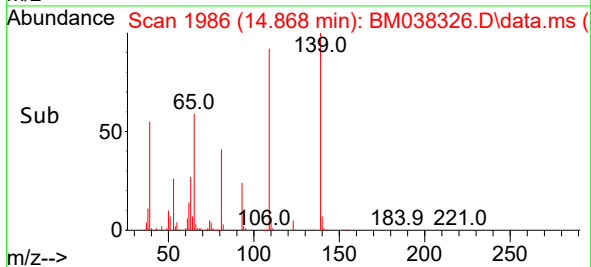
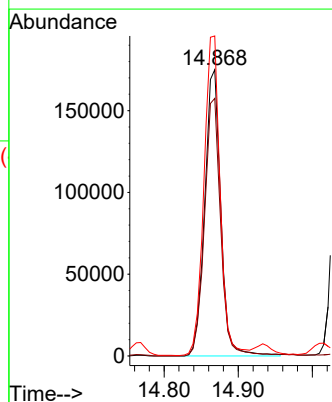
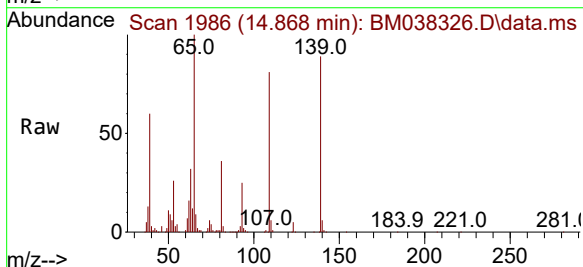
Instrument :
BNA_M
ClientSampleId :
PB149775BSD

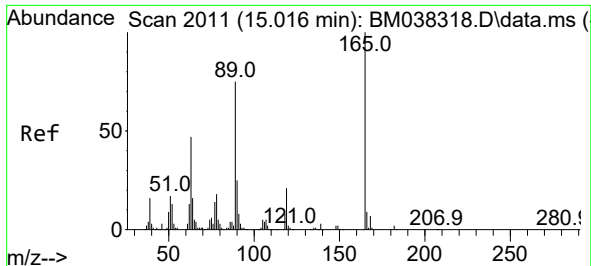
Tgt Ion:168 Resp: 916427
Ion Ratio Lower Upper
168 100
139 37.2 30.2 45.4
169 13.8 11.0 16.6



#56
4-Nitrophenol
Concen: 81.592 ng
RT: 14.868 min Scan# 1986
Delta R.T. 0.006 min
Lab File: BM038326.D
Acq: 27 Dec 2022 21:47

Tgt Ion:139 Resp: 265189
Ion Ratio Lower Upper
139 100
109 90.0 70.4 110.4
65 111.8 97.8 137.8





#57

2,4-Dinitrotoluene

Concen: 39.363 ng

RT: 15.009 min Scan# 20

Delta R.T. -0.006 min

Lab File: BM038326.D

Acq: 27 Dec 2022 21:47

Instrument :

BNA_M

ClientSampleId :

PB149775BSD

Tgt Ion:165 Resp: 211738

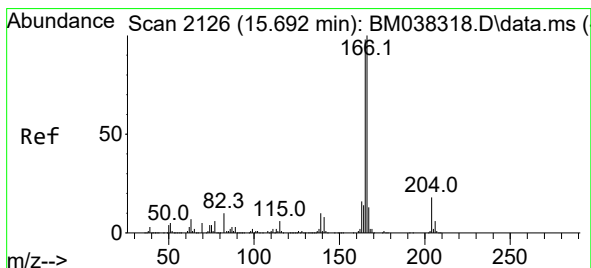
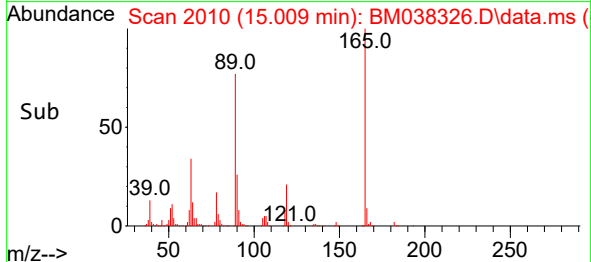
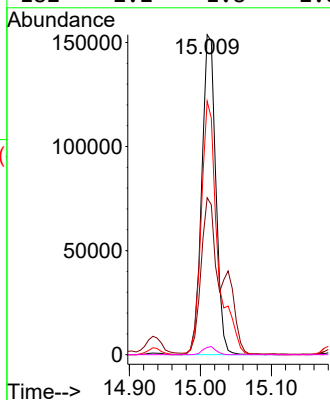
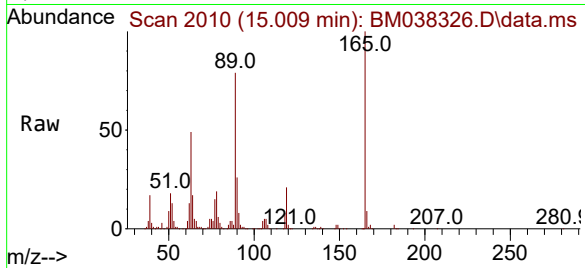
Ion Ratio Lower Upper

165 100

63 49.0 37.6 56.4

89 79.2 59.8 89.8

182 2.2 1.8 2.8



#58

Fluorene

Concen: 39.900 ng

RT: 15.686 min Scan# 2125

Delta R.T. -0.006 min

Lab File: BM038326.D

Acq: 27 Dec 2022 21:47

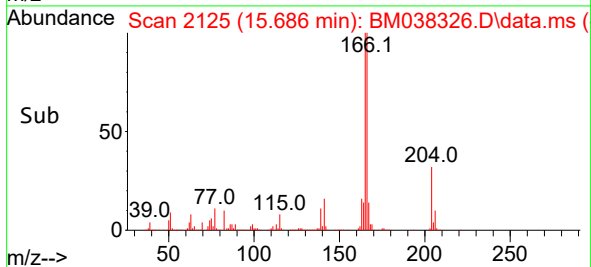
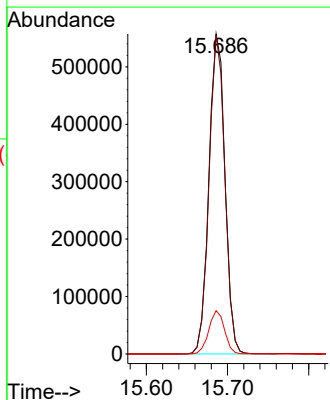
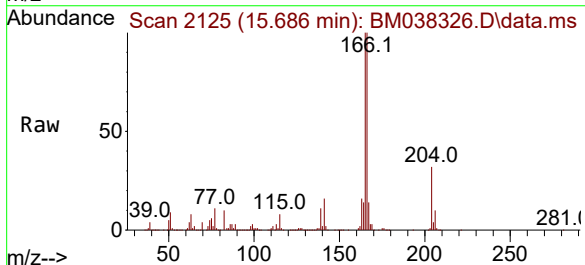
Tgt Ion:166 Resp: 763843

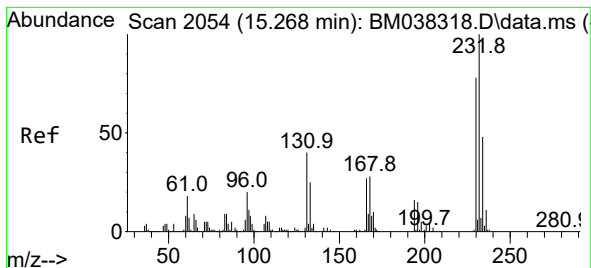
Ion Ratio Lower Upper

166 100

165 99.8 78.6 117.8

167 13.6 10.6 16.0

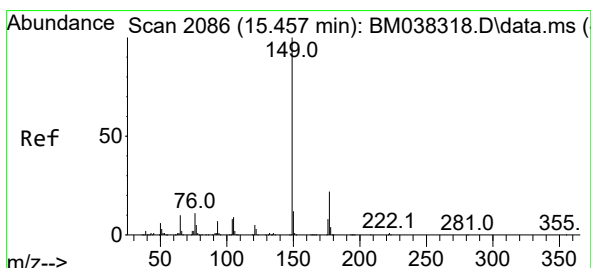
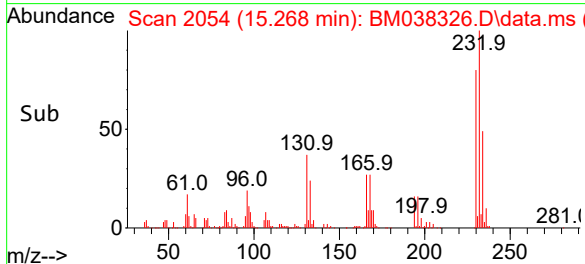
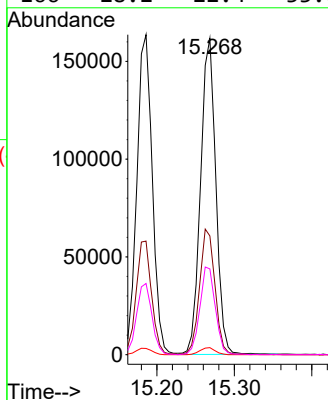
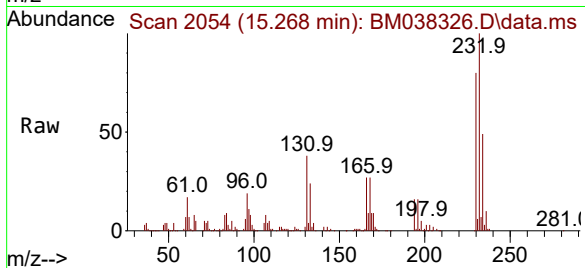




#59
2,3,4,6-Tetrachlorophenol
Concen: 39.422 ng
RT: 15.268 min Scan# 2054
Delta R.T. -0.000 min
Lab File: BM038326.D
Acq: 27 Dec 2022 21:47

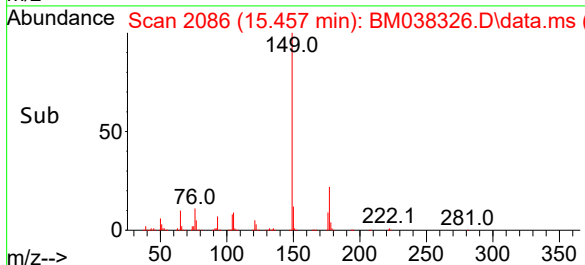
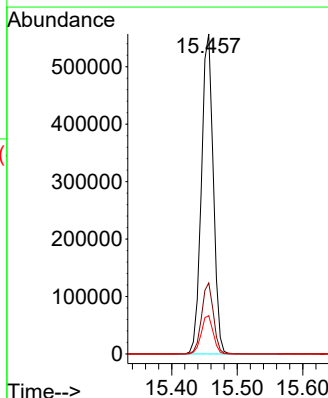
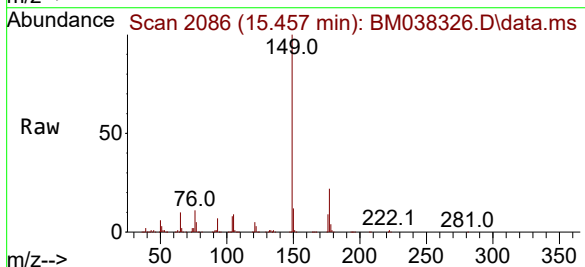
Instrument :
BNA_M
ClientSampleId :
PB149775BSD

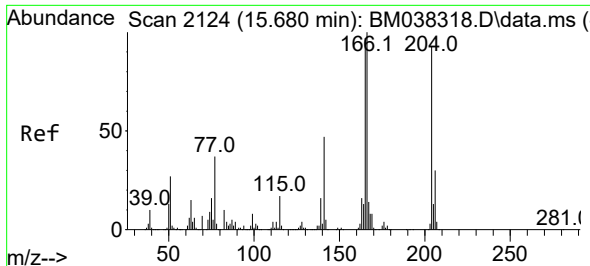
Tgt Ion:232 Resp: 221227
Ion Ratio Lower Upper
232 100
131 40.3 31.9 47.9
130 2.2 1.7 2.5
166 28.2 22.4 33.6



#60
Diethylphthalate
Concen: 37.630 ng
RT: 15.457 min Scan# 2086
Delta R.T. -0.000 min
Lab File: BM038326.D
Acq: 27 Dec 2022 21:47

Tgt Ion:149 Resp: 702427
Ion Ratio Lower Upper
149 100
177 22.2 17.3 25.9
150 12.0 9.5 14.3

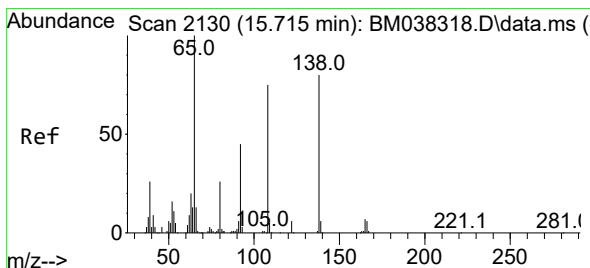
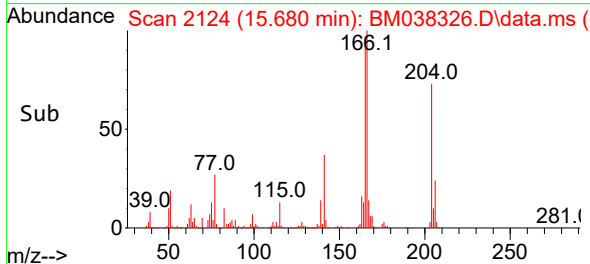
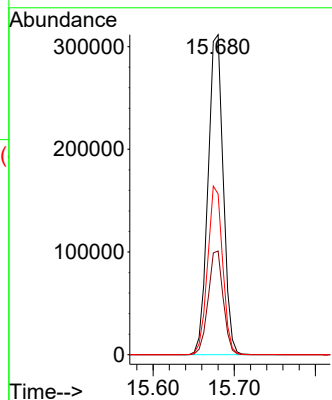
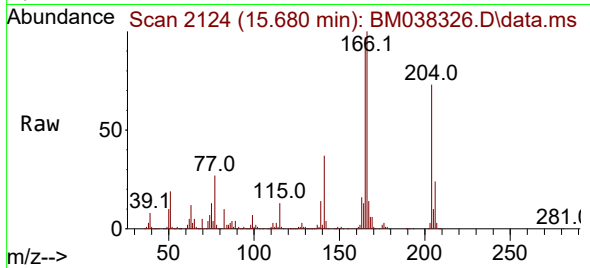




#61
4-Chlorophenyl-phenylether
Concen: 40.143 ng
RT: 15.680 min Scan# 2124
Delta R.T. -0.000 min
Lab File: BM038326.D
Acq: 27 Dec 2022 21:47

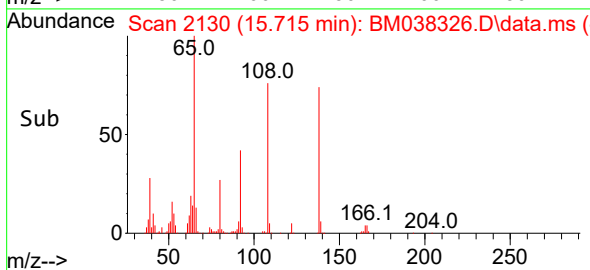
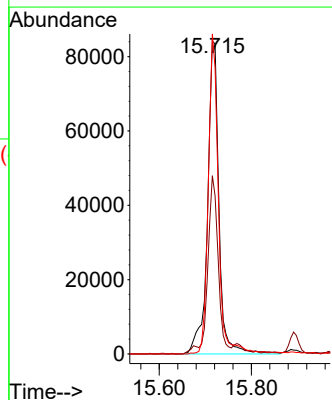
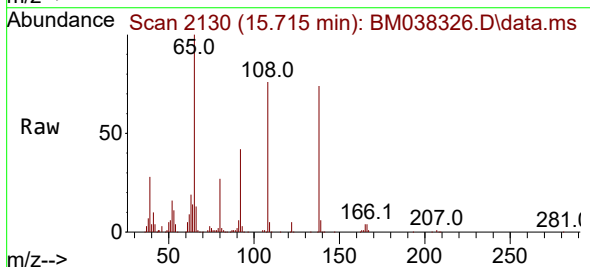
Instrument :
BNA_M
ClientSampleId :
PB149775BSD

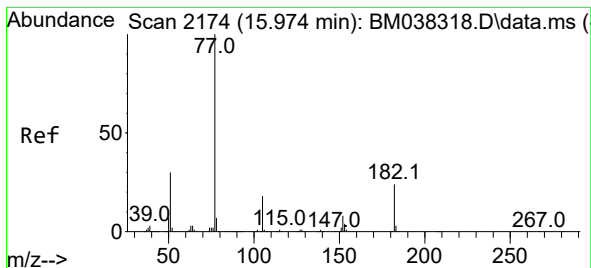
Tgt Ion:204 Resp: 404526
Ion Ratio Lower Upper
204 100
206 32.4 25.4 38.0
141 50.2 40.7 61.1



#62
4-Nitroaniline
Concen: 35.381 ng
RT: 15.715 min Scan# 2130
Delta R.T. -0.000 min
Lab File: BM038326.D
Acq: 27 Dec 2022 21:47

Tgt Ion:138 Resp: 146382
Ion Ratio Lower Upper
138 100
92 57.0 36.0 76.0
108 102.3 74.5 114.5





#63

Azobenzene

Concen: 38.122 ng

RT: 15.968 min Scan# 2173

Delta R.T. -0.006 min

Lab File: BM038326.D

Acq: 27 Dec 2022 21:47

Instrument :

BNA_M

ClientSampleId :

PB149775BSD

Tgt Ion: 77 Resp: 740230

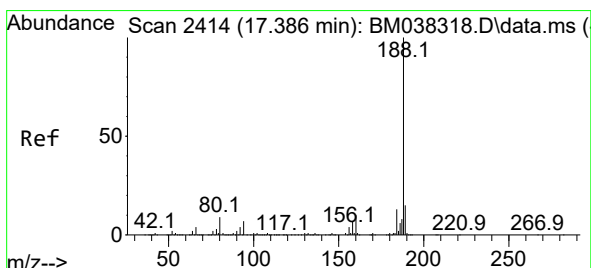
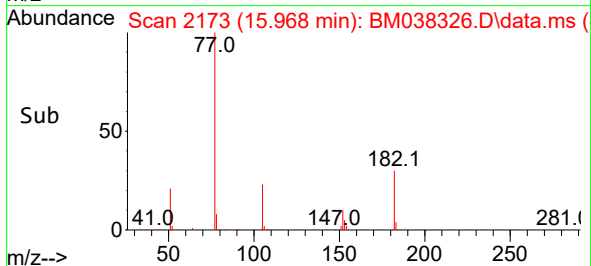
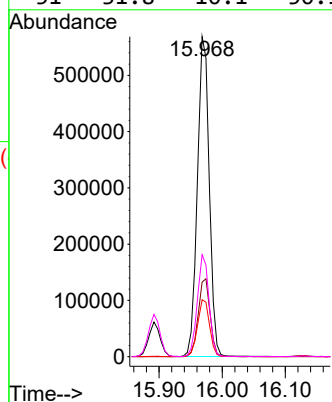
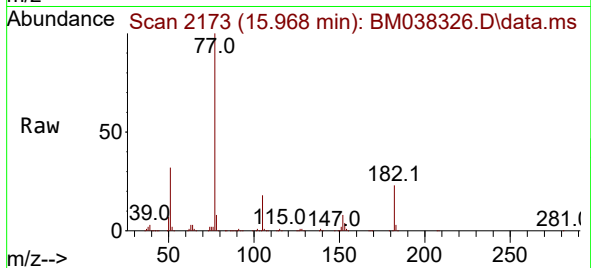
Ion Ratio Lower Upper

77 100

182 23.3 3.9 43.9

105 17.8 0.0 38.1

51 31.8 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: BM038326.D

Acq: 27 Dec 2022 21:47

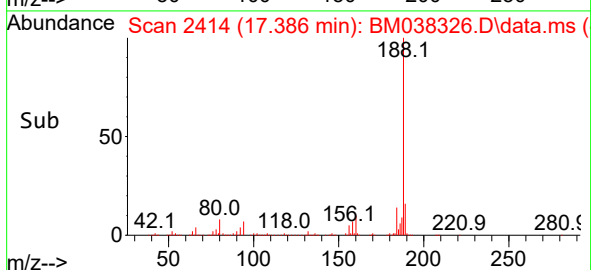
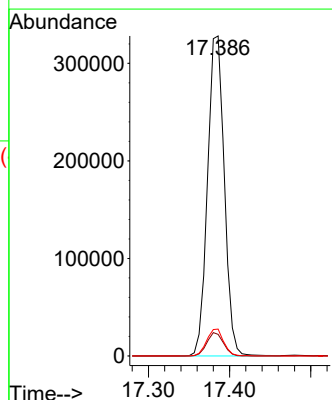
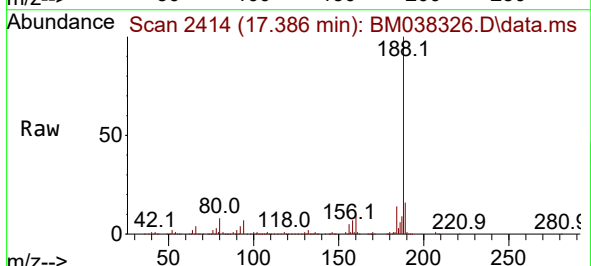
Tgt Ion: 188 Resp: 470189

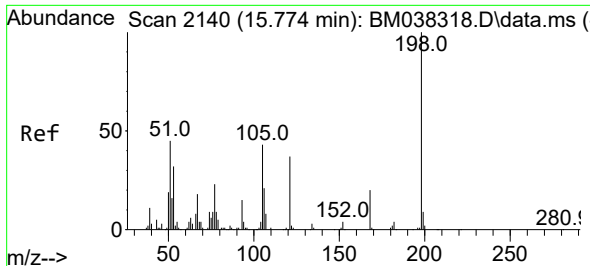
Ion Ratio Lower Upper

188 100

94 6.7 5.8 8.6

80 8.4 7.1 10.7

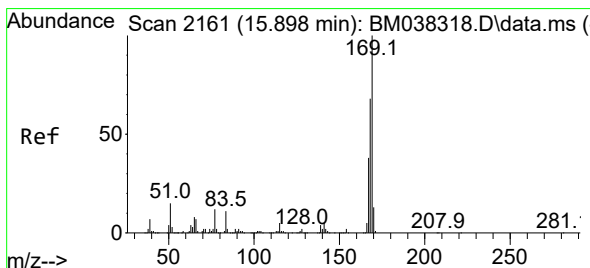
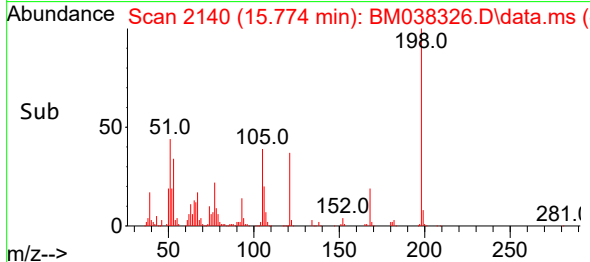
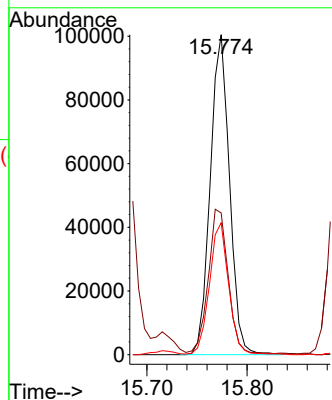
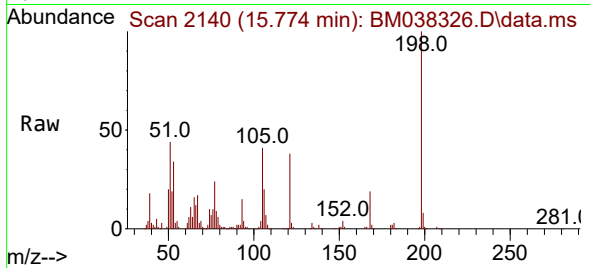




#65
4,6-Dinitro-2-methylphenol
Concen: 42.017 ng
RT: 15.774 min Scan# 2140
Delta R.T. -0.000 min
Lab File: BM038326.D
Acq: 27 Dec 2022 21:47

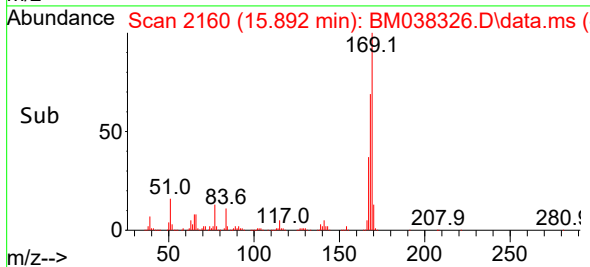
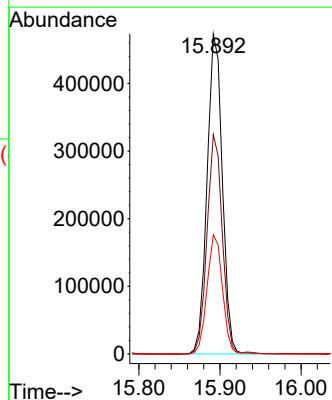
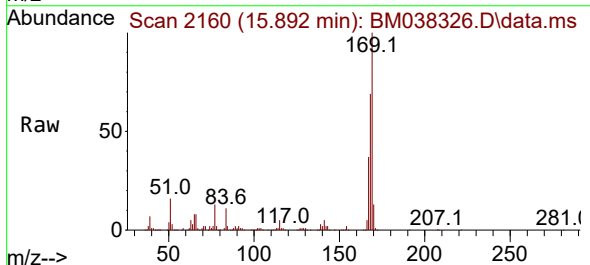
Instrument :
BNA_M
ClientSampleId :
PB149775BSD

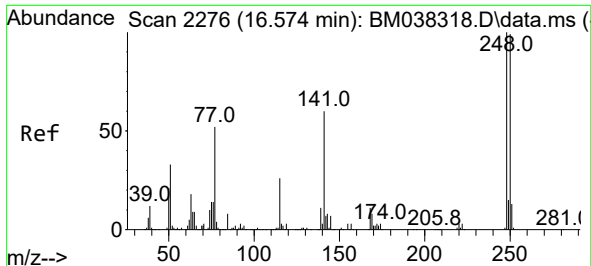
Tgt Ion:198 Resp: 134122
Ion Ratio Lower Upper
198 100
51 44.3 26.9 66.9
105 41.2 23.2 63.2



#66
n-Nitrosodiphenylamine
Concen: 43.391 ng
RT: 15.892 min Scan# 2160
Delta R.T. -0.006 min
Lab File: BM038326.D
Acq: 27 Dec 2022 21:47

Tgt Ion:169 Resp: 615035
Ion Ratio Lower Upper
169 100
168 68.6 54.8 82.2
167 37.3 30.2 45.2

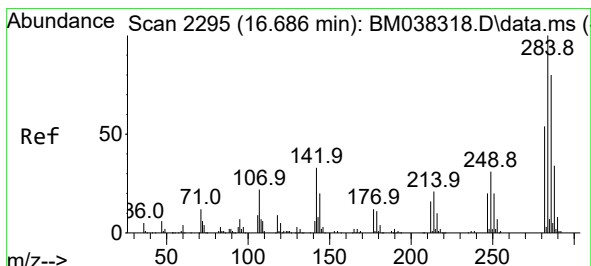
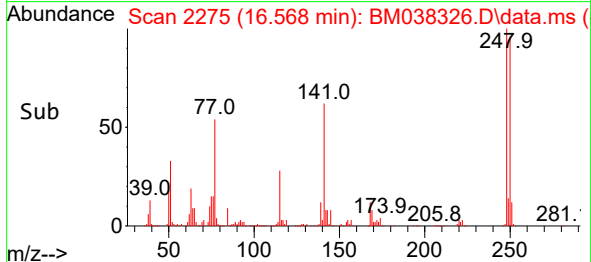
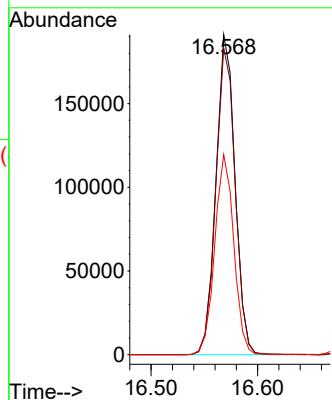
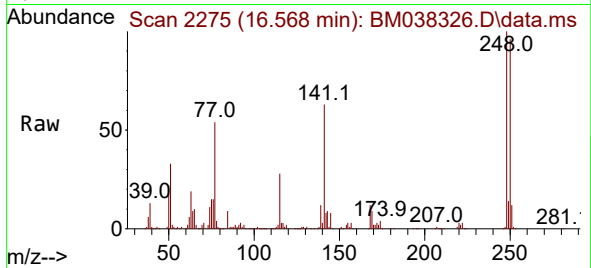




#67
4-Bromophenyl-phenylether
Concen: 44.922 ng
RT: 16.568 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM038326.D
Acq: 27 Dec 2022 21:47

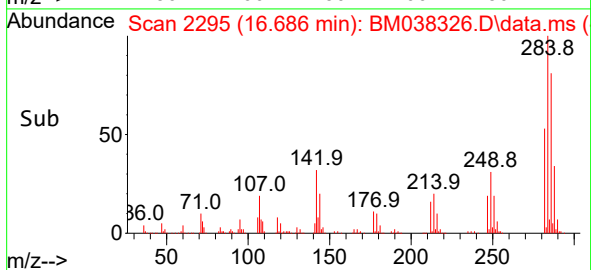
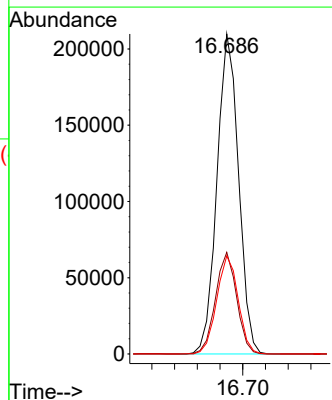
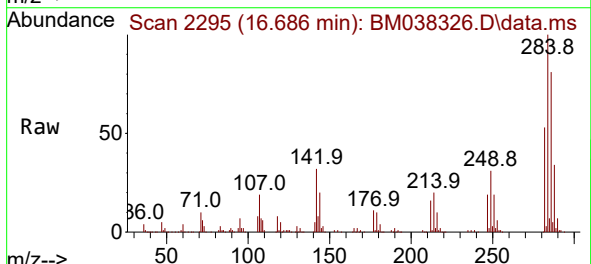
Instrument :
BNA_M
ClientSampleId :
PB149775BSD

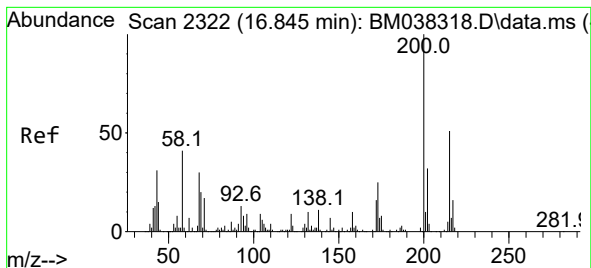
Tgt Ion:248 Resp: 237619
Ion Ratio Lower Upper
248 100
250 95.8 78.9 118.3
141 62.5 47.6 71.4



#68
Hexachlorobenzene
Concen: 47.291 ng
RT: 16.686 min Scan# 2295
Delta R.T. -0.000 min
Lab File: BM038326.D
Acq: 27 Dec 2022 21:47

Tgt Ion:284 Resp: 277136
Ion Ratio Lower Upper
284 100
142 31.8 26.6 40.0
249 30.6 24.5 36.7





#69

Atrazine

Concen: 45.167 ng

RT: 16.845 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM038326.D

Acq: 27 Dec 2022 21:47

Instrument :

BNA_M

ClientSampleId :

PB149775BSD

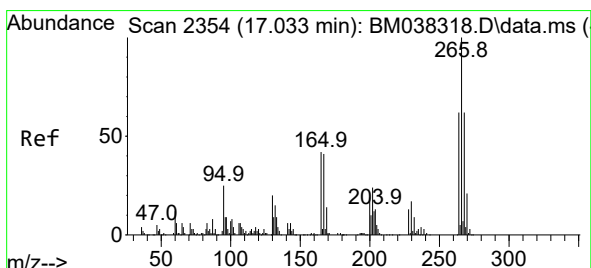
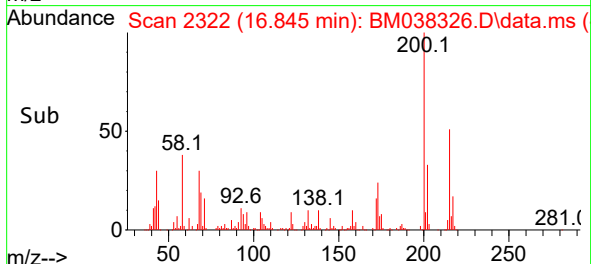
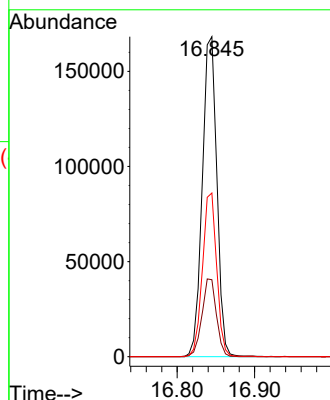
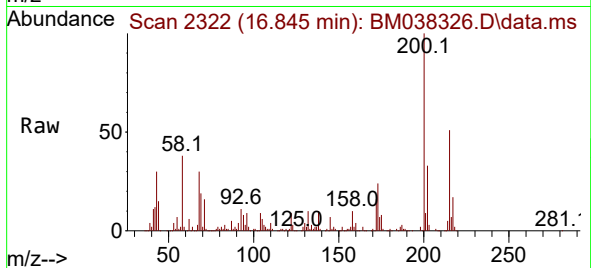
Tgt Ion:200 Resp: 219973

Ion Ratio Lower Upper

200 100

173 24.0 5.3 45.3

215 51.1 30.5 70.5



#70

Pentachlorophenol

Concen: 82.681 ng

RT: 17.033 min Scan# 2354

Delta R.T. -0.000 min

Lab File: BM038326.D

Acq: 27 Dec 2022 21:47

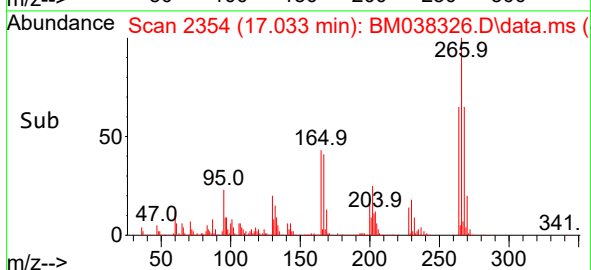
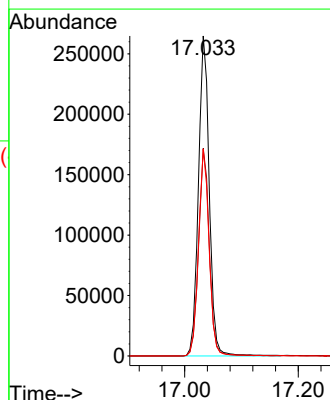
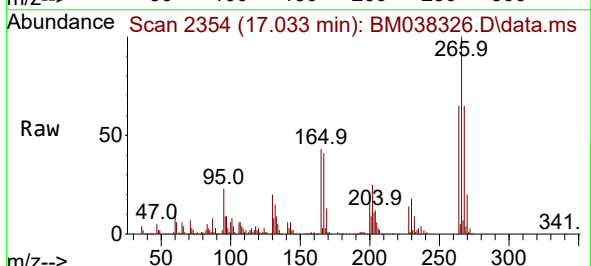
Tgt Ion:266 Resp: 352298

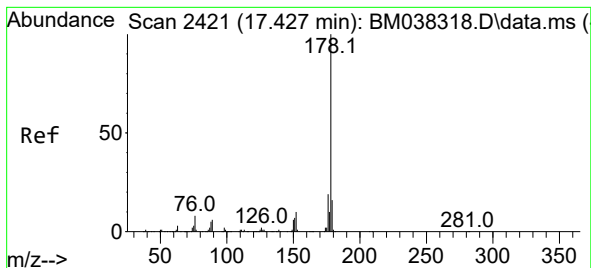
Ion Ratio Lower Upper

266 100

268 64.9 49.8 74.6

264 64.7 49.4 74.2





#71

Phenanthrene

Concen: 42.708 ng

RT: 17.427 min Scan# 2421

Delta R.T. -0.000 min

Lab File: BM038326.D

Acq: 27 Dec 2022 21:47

Instrument :

BNA_M

ClientSampleId :

PB149775BSD

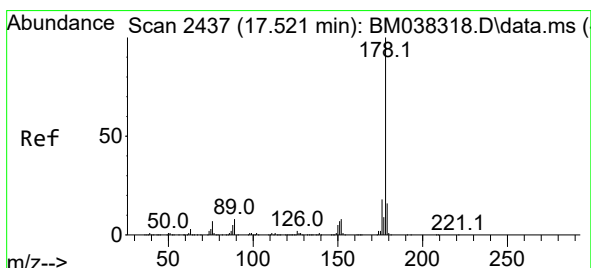
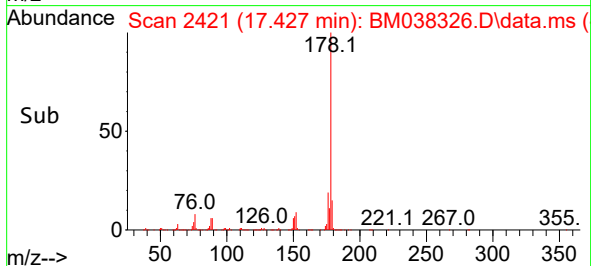
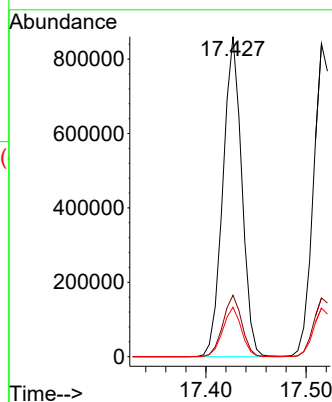
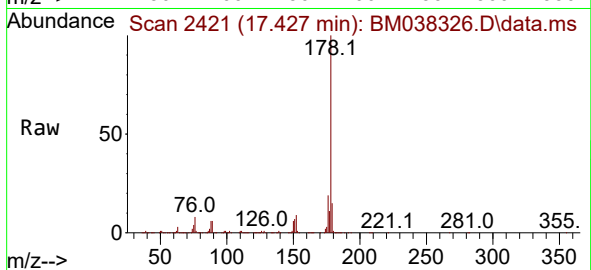
Tgt Ion:178 Resp: 1120645

Ion Ratio Lower Upper

178 100

176 19.2 15.2 22.8

179 15.5 12.4 18.6



#72

Anthracene

Concen: 41.986 ng

RT: 17.515 min Scan# 2436

Delta R.T. -0.006 min

Lab File: BM038326.D

Acq: 27 Dec 2022 21:47

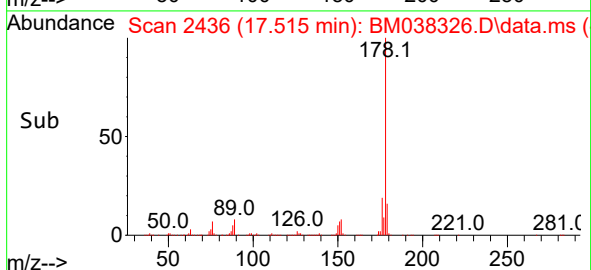
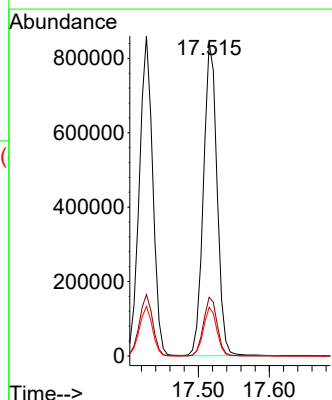
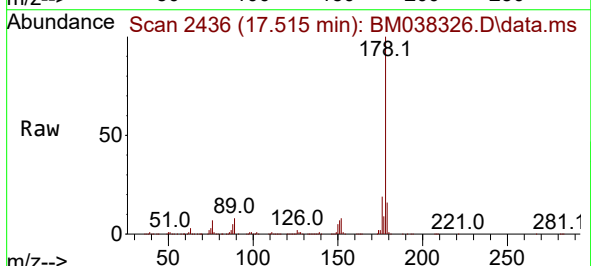
Tgt Ion:178 Resp: 1126655

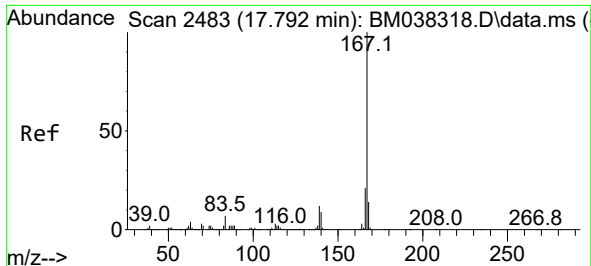
Ion Ratio Lower Upper

178 100

176 18.8 14.8 22.2

179 15.5 12.6 18.8

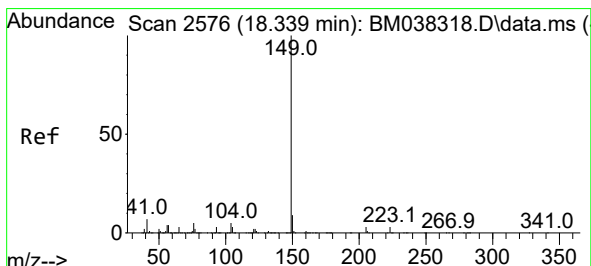
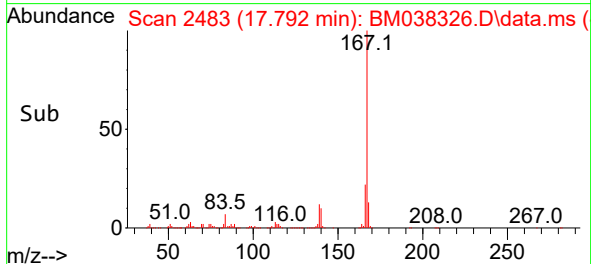
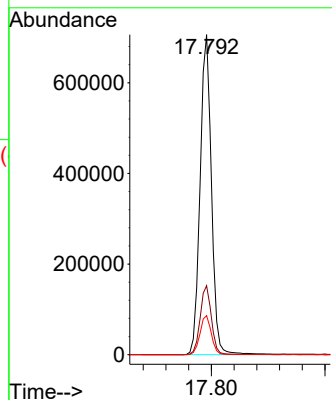
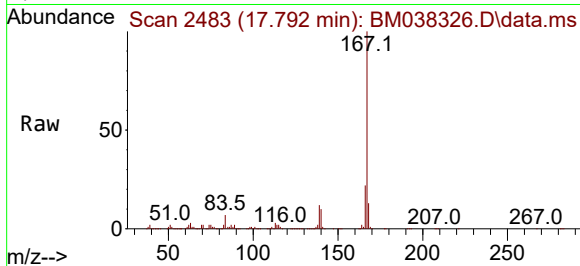




#73
 Carbazole
 Concen: 41.532 ng
 RT: 17.792 min Scan# 2483
 Delta R.T. -0.000 min
 Lab File: BM038326.D
 Acq: 27 Dec 2022 21:47

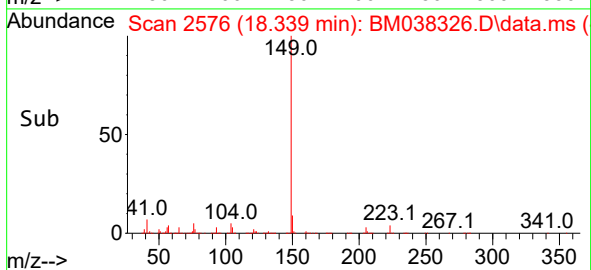
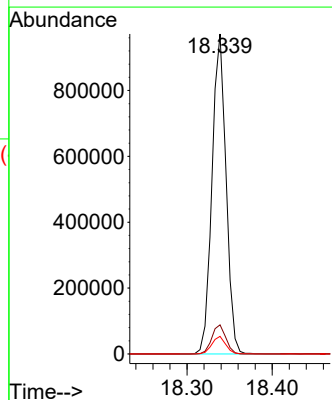
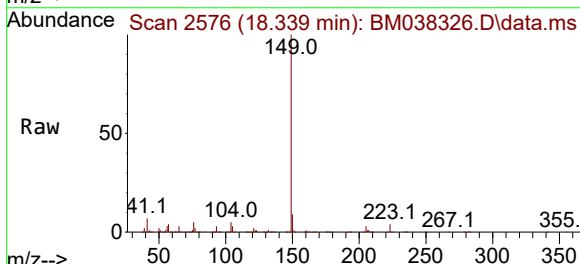
Instrument :
 BNA_M
 ClientSampleId :
 PB149775BSD

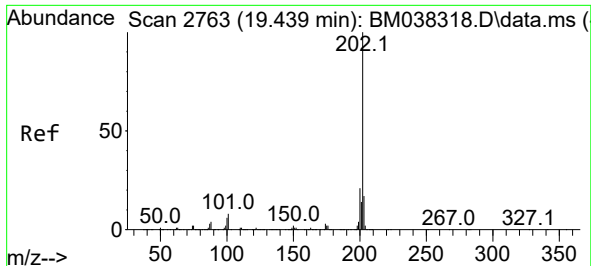
Tgt Ion:167 Resp: 980188
 Ion Ratio Lower Upper
 167 100
 166 21.6 16.9 25.3
 139 12.2 9.8 14.8



#74
 Di-n-butylphthalate
 Concen: 41.220 ng
 RT: 18.339 min Scan# 2576
 Delta R.T. -0.000 min
 Lab File: BM038326.D
 Acq: 27 Dec 2022 21:47

Tgt Ion:149 Resp: 1110896
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.3 10.9
 104 5.5 4.3 6.5

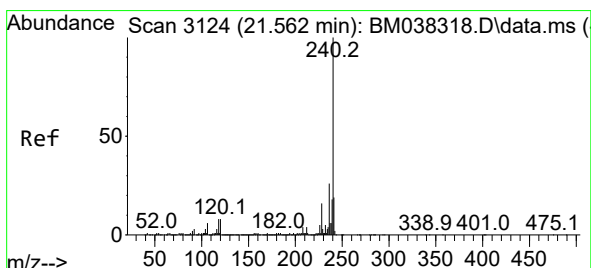
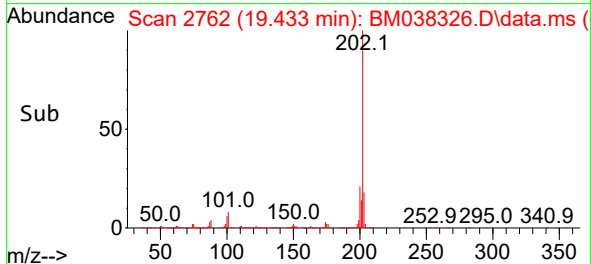
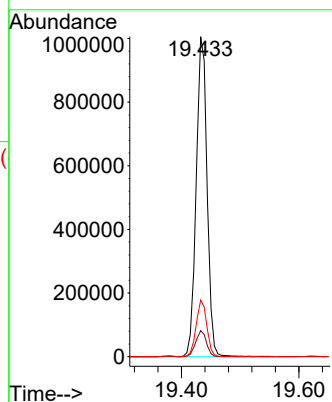
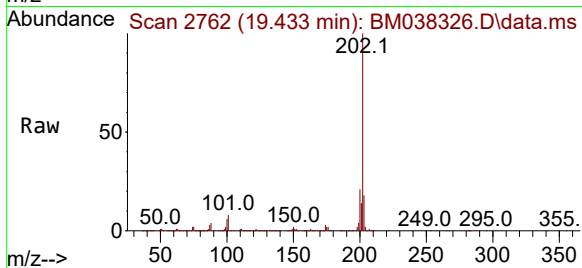




#75
Fluoranthene
Concen: 39.666 ng
RT: 19.433 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM038326.D
Acq: 27 Dec 2022 21:47

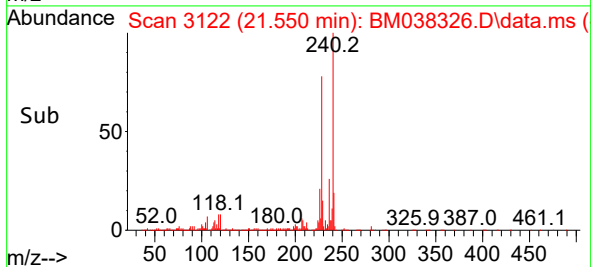
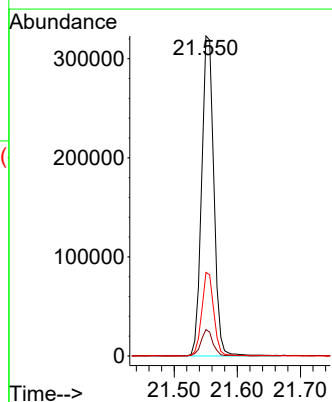
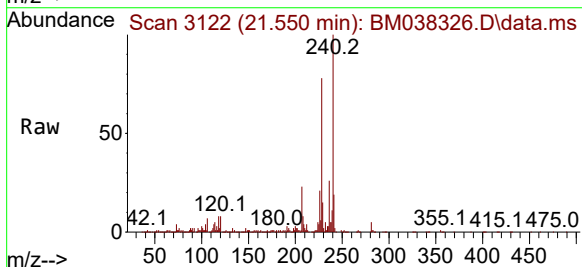
Instrument :
BNA_M
ClientSampleId :
PB149775BSD

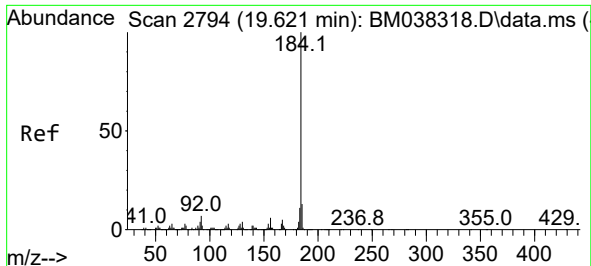
Tgt Ion:202 Resp: 1286947
Ion Ratio Lower Upper
202 100
101 8.2 0.0 27.9
203 17.7 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.550 min Scan# 3122
Delta R.T. -0.012 min
Lab File: BM038326.D
Acq: 27 Dec 2022 21:47

Tgt Ion:240 Resp: 435402
Ion Ratio Lower Upper
240 100
120 8.2 6.6 10.0
236 26.1 20.6 30.8

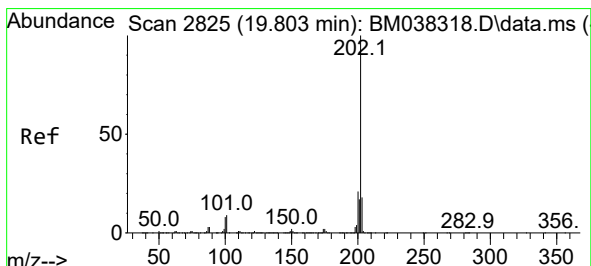
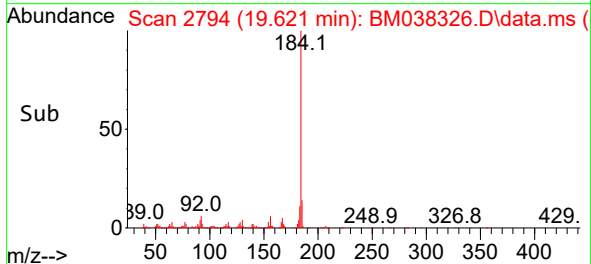
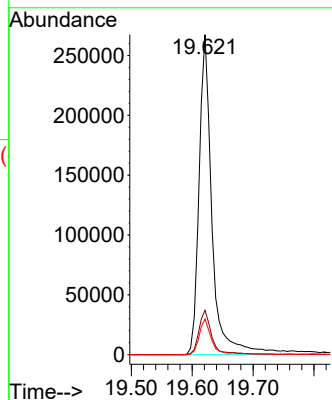
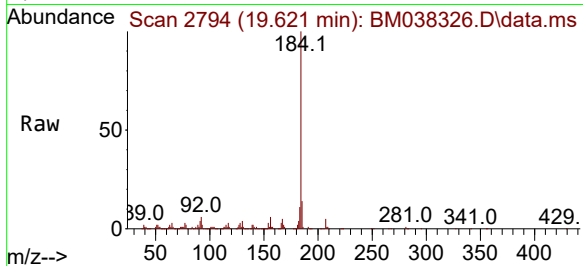




#77
Benzidine
Concen: 31.824 ng
RT: 19.621 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM038326.D
Acq: 27 Dec 2022 21:47

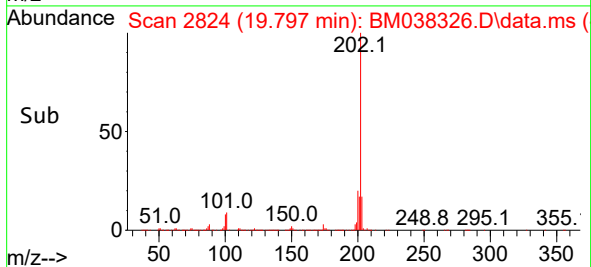
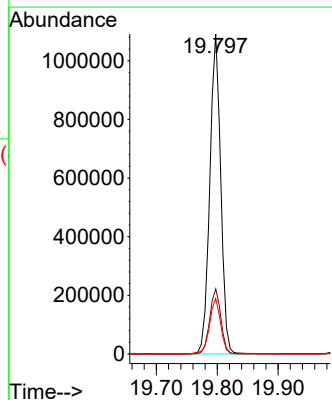
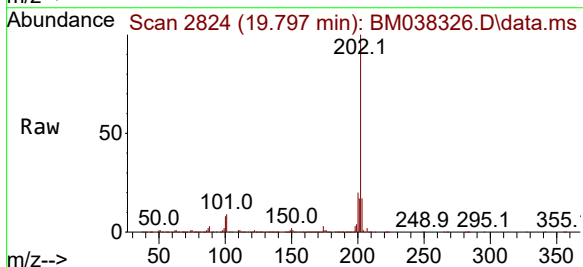
Instrument :
BNA_M
ClientSampleId :
PB149775BSD

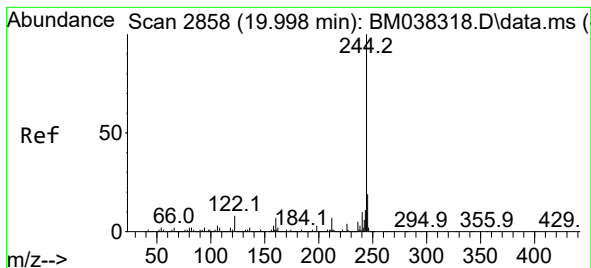
Tgt Ion:184 Resp: 395707
Ion Ratio Lower Upper
184 100
185 13.9 10.7 16.1
183 11.1 8.6 13.0



#78
Pyrene
Concen: 44.566 ng
RT: 19.797 min Scan# 2824
Delta R.T. -0.006 min
Lab File: BM038326.D
Acq: 27 Dec 2022 21:47

Tgt Ion:202 Resp: 1362194
Ion Ratio Lower Upper
202 100
200 20.4 16.4 24.6
203 17.3 14.1 21.1





#79

Terphenyl-d14

Concen: 97.185 ng

RT: 19.992 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM038326.D

Acq: 27 Dec 2022 21:47

Instrument :

BNA_M

ClientSampleId :

PB149775BSD

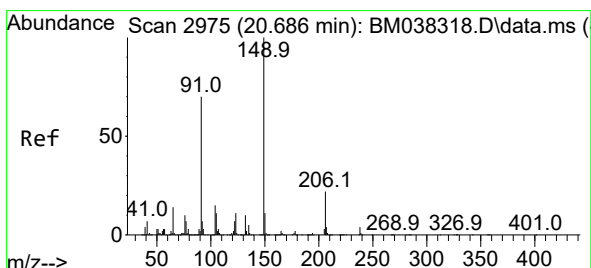
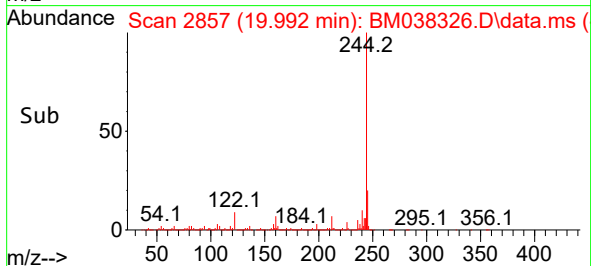
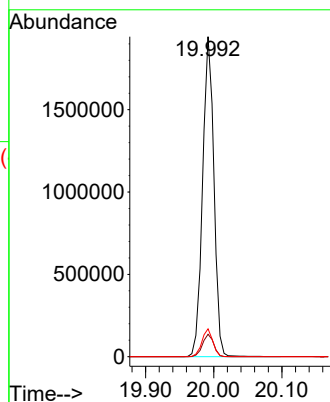
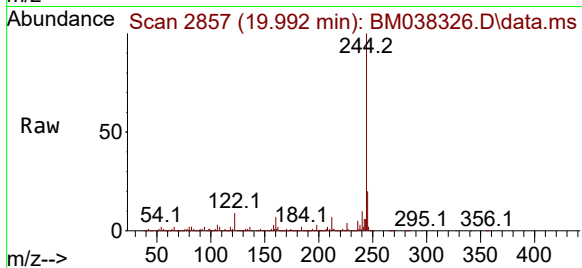
Tgt Ion:244 Resp: 2238557

Ion Ratio Lower Upper

244 100

212 7.0 5.6 8.4

122 8.7 6.6 9.8



#80

Butylbenzylphthalate

Concen: 41.663 ng

RT: 20.680 min Scan# 2974

Delta R.T. -0.006 min

Lab File: BM038326.D

Acq: 27 Dec 2022 21:47

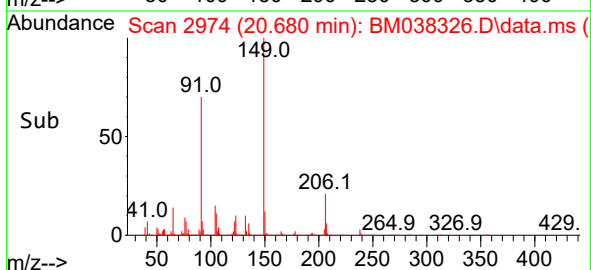
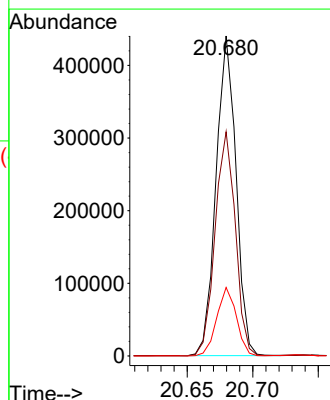
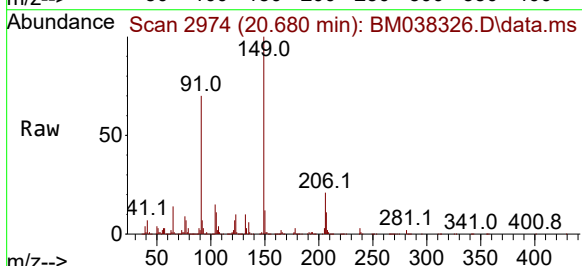
Tgt Ion:149 Resp: 465355

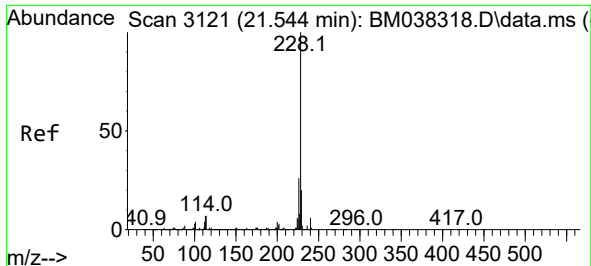
Ion Ratio Lower Upper

149 100

91 70.0 56.2 84.4

206 21.4 17.6 26.4

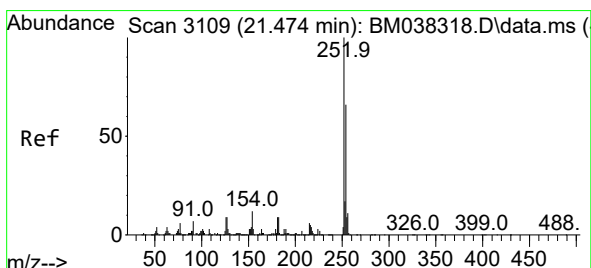
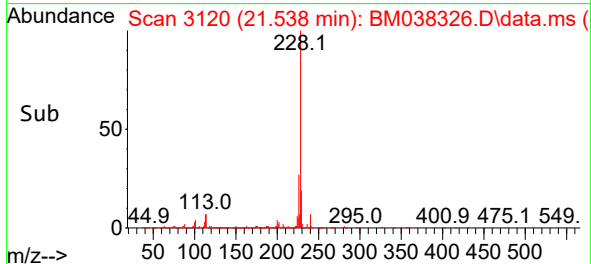
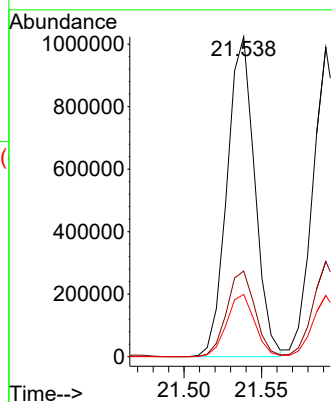
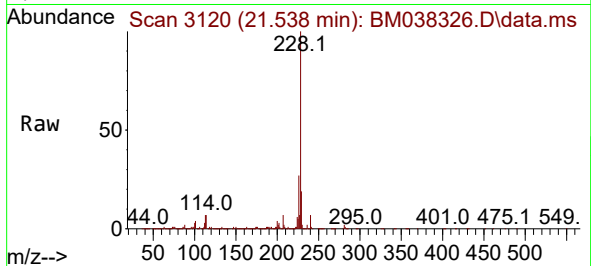




#81
Benzo(a)anthracene
Concen: 40.523 ng
RT: 21.538 min Scan# 3108
Delta R.T. -0.006 min
Lab File: BM038326.D
Acq: 27 Dec 2022 21:47

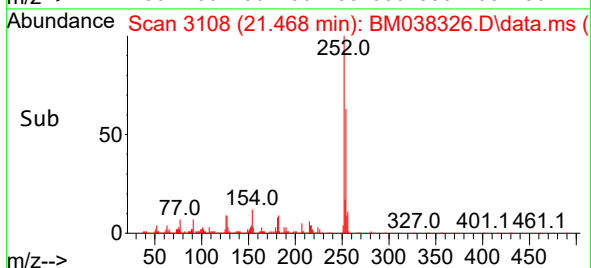
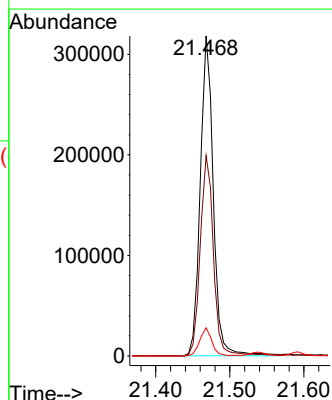
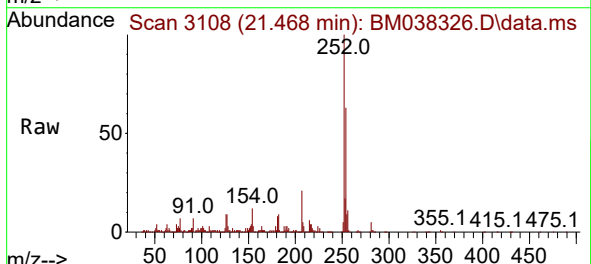
Instrument :
BNA_M
ClientSampleId :
PB149775BSD

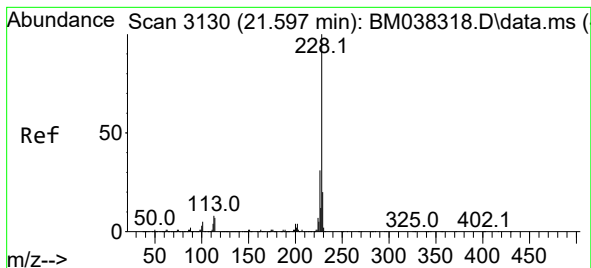
Tgt Ion:228 Resp: 1272621
Ion Ratio Lower Upper
228 100
226 26.8 21.2 31.8
229 19.5 16.2 24.2



#82
3,3'-Dichlorobenzidine
Concen: 37.051 ng
RT: 21.468 min Scan# 3108
Delta R.T. -0.006 min
Lab File: BM038326.D
Acq: 27 Dec 2022 21:47

Tgt Ion:252 Resp: 388362
Ion Ratio Lower Upper
252 100
254 62.6 52.7 79.1
126 8.8 7.2 10.8





#83

Chrysene

Concen: 39.904 ng

RT: 21.591 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM038326.D

Acq: 27 Dec 2022 21:47

Instrument :

BNA_M

ClientSampleId :

PB149775BSD

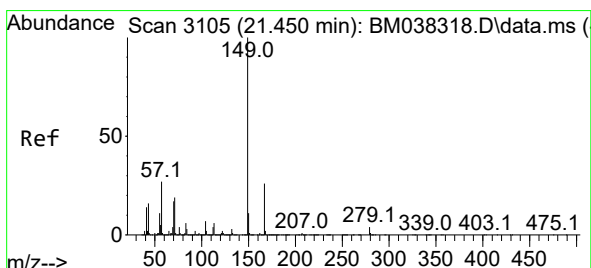
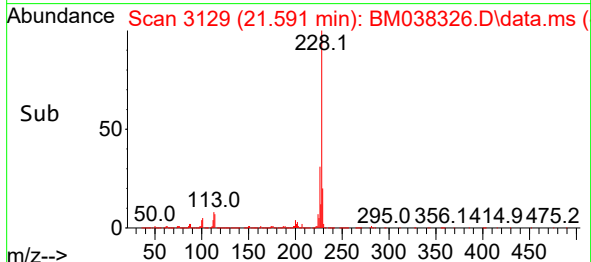
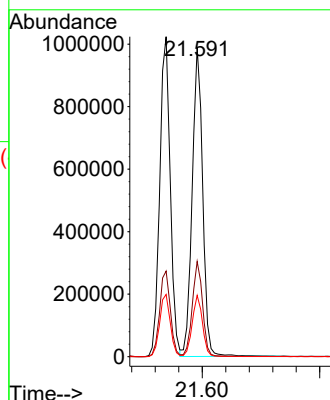
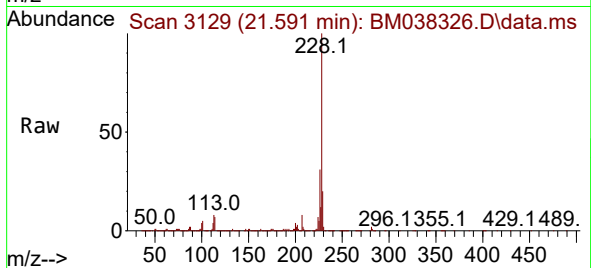
Tgt Ion:228 Resp: 1225706

Ion Ratio Lower Upper

228 100

226 30.7 24.5 36.7

229 19.8 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.115 ng

RT: 21.444 min Scan# 3104

Delta R.T. -0.006 min

Lab File: BM038326.D

Acq: 27 Dec 2022 21:47

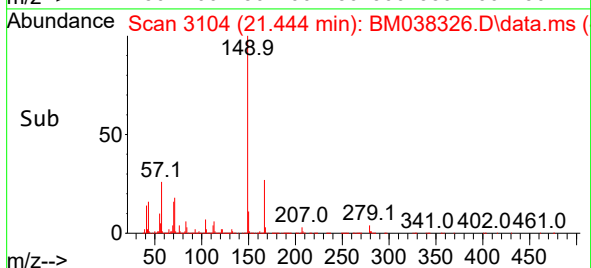
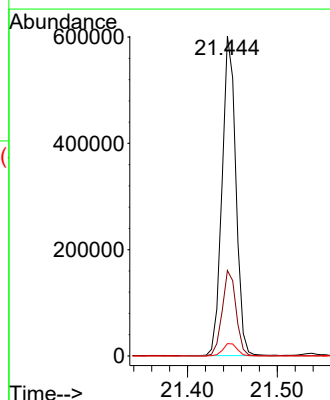
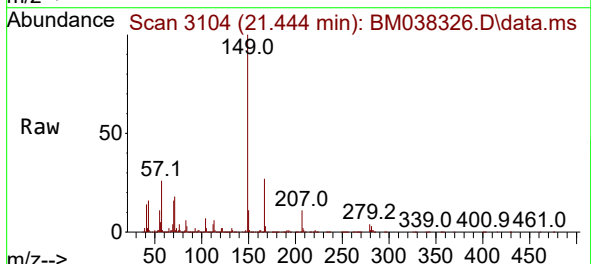
Tgt Ion:149 Resp: 641754

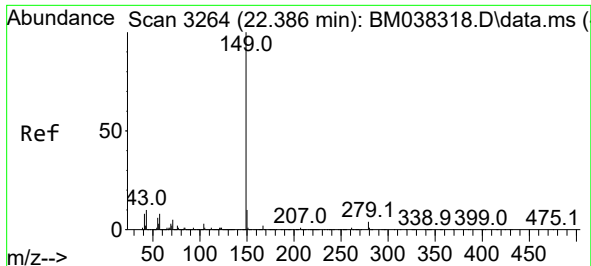
Ion Ratio Lower Upper

149 100

167 26.7 20.8 31.2

279 3.8 2.9 4.3

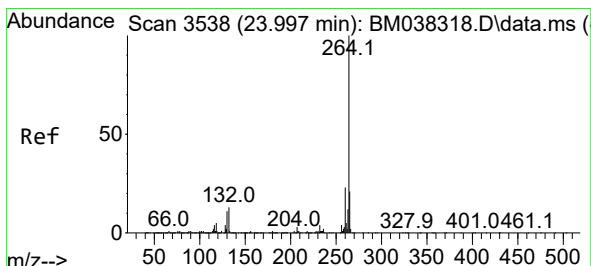
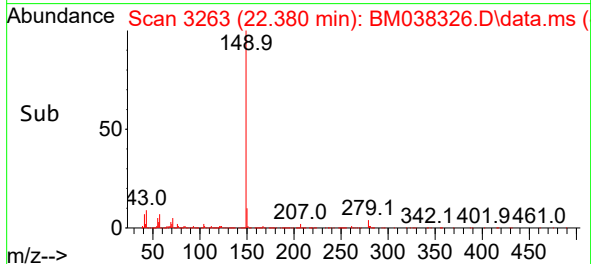
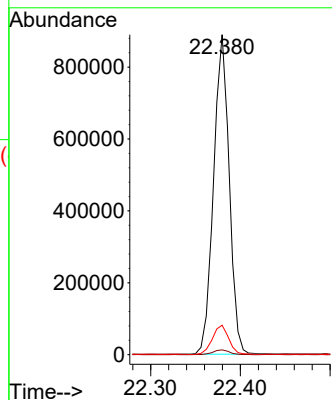
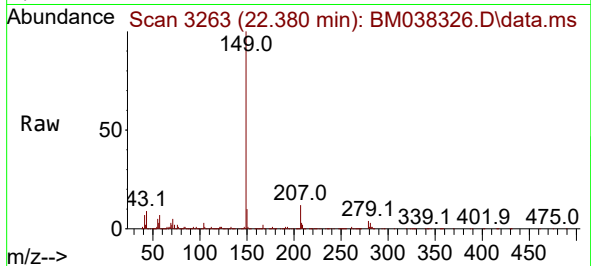




#85
Di-n-octyl phthalate
Concen: 38.689 ng
RT: 22.380 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM038326.D
Acq: 27 Dec 2022 21:47

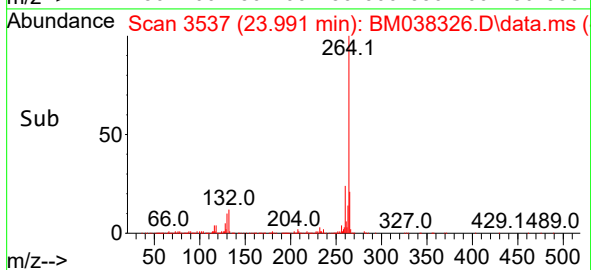
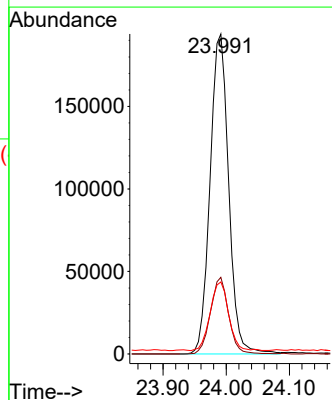
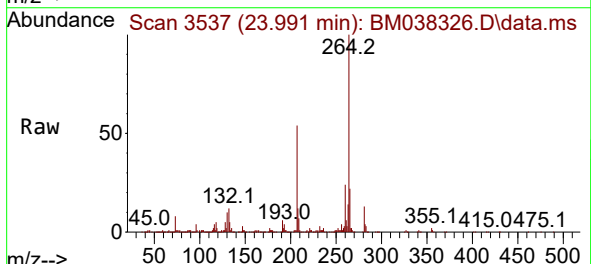
Instrument :
BNA_M
ClientSampleId :
PB149775BSD

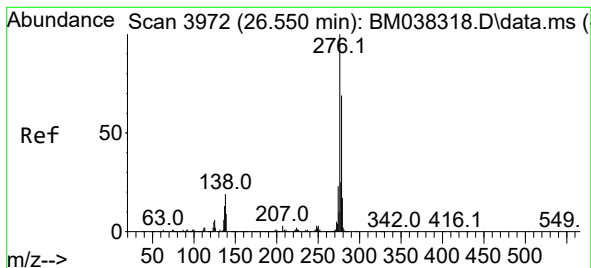
Tgt Ion:149 Resp: 1075357
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 9.4 7.8 11.8



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.991 min Scan# 3537
Delta R.T. -0.006 min
Lab File: BM038326.D
Acq: 27 Dec 2022 21:47

Tgt Ion:264 Resp: 396604
Ion Ratio Lower Upper
264 100
260 23.9 18.6 28.0
265 22.5 17.7 26.5





#87

Indeno(1,2,3-cd)pyrene

Concen: 46.488 ng

RT: 26.544 min Scan# 3410

Delta R.T. -0.006 min

Lab File: BM038326.D

Acq: 27 Dec 2022 21:47

Instrument :

BNA_M

ClientSampleId :

PB149775BSD

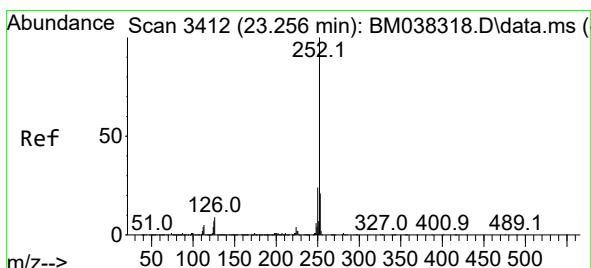
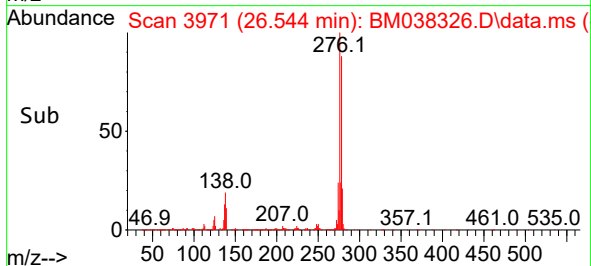
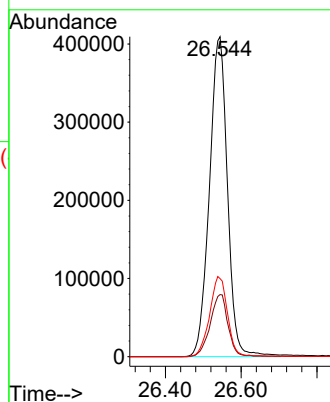
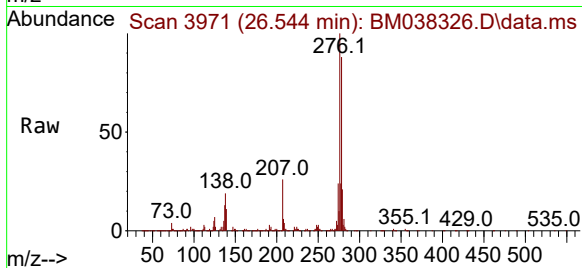
Tgt Ion:276 Resp: 1350082

Ion Ratio Lower Upper

276 100

138 19.2 15.6 23.4

277 25.0 20.0 30.0



#88

Benzo(b)fluoranthene

Concen: 49.232 ng

RT: 23.244 min Scan# 3410

Delta R.T. -0.012 min

Lab File: BM038326.D

Acq: 27 Dec 2022 21:47

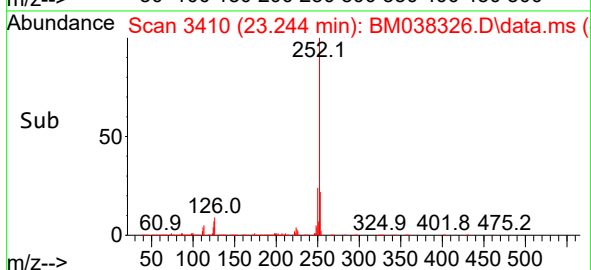
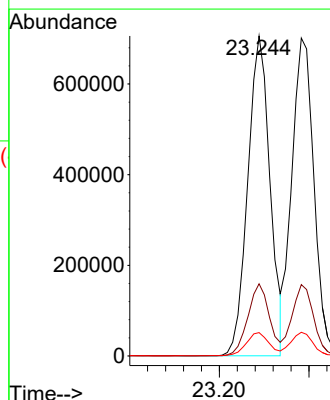
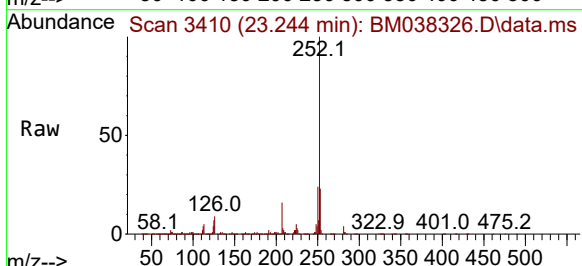
Tgt Ion:252 Resp: 1214622

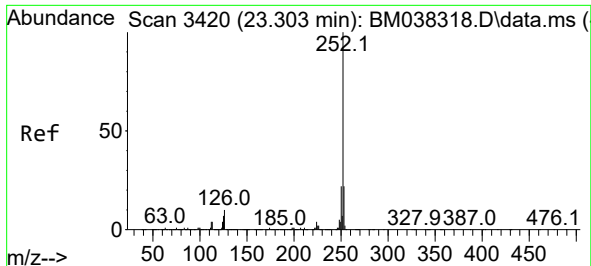
Ion Ratio Lower Upper

252 100

253 22.5 17.1 25.7

125 7.3 5.9 8.9

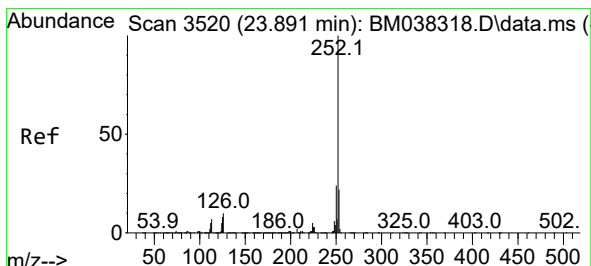
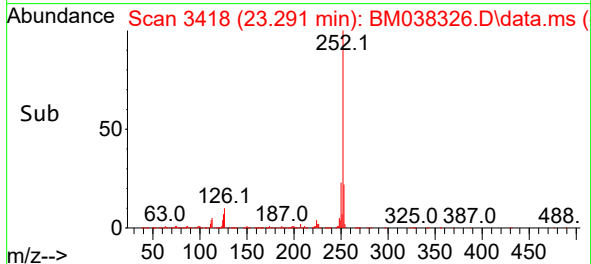
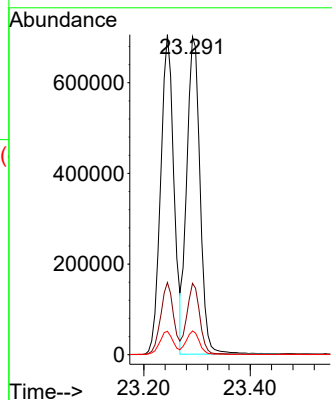
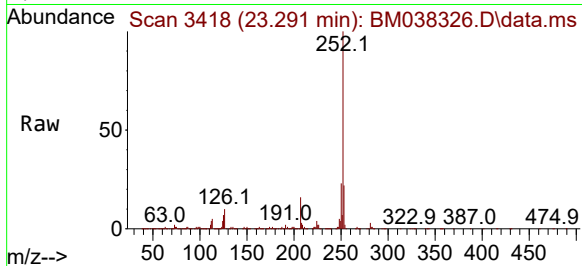




#89
Benzo(k)fluoranthene
Concen: 47.422 ng
RT: 23.291 min Scan# 34
Delta R.T. -0.012 min
Lab File: BM038326.D
Acq: 27 Dec 2022 21:47

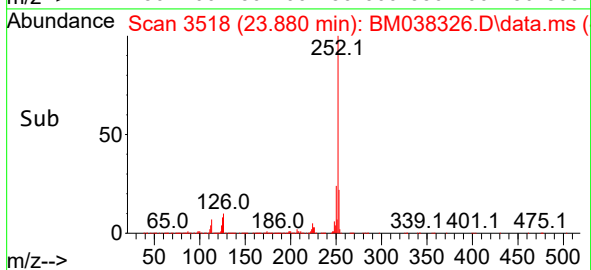
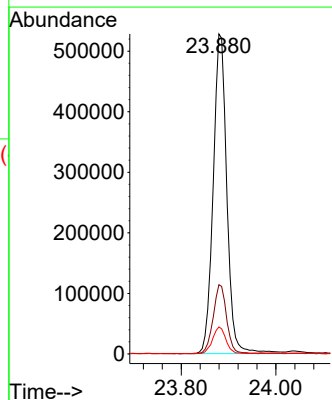
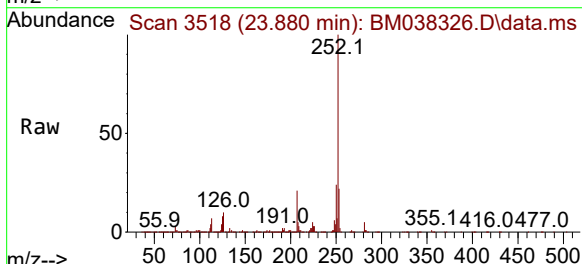
Instrument :
BNA_M
ClientSampleId :
PB149775BSD

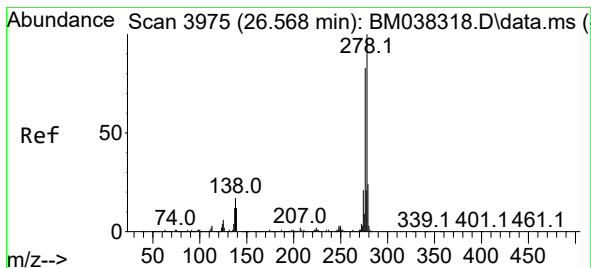
Tgt Ion:252 Resp: 1214091
Ion Ratio Lower Upper
252 100
253 22.4 17.5 26.3
125 7.5 5.9 8.9



#90
Benzo(a)pyrene
Concen: 43.538 ng
RT: 23.880 min Scan# 3518
Delta R.T. -0.012 min
Lab File: BM038326.D
Acq: 27 Dec 2022 21:47

Tgt Ion:252 Resp: 1054781
Ion Ratio Lower Upper
252 100
253 21.7 18.0 27.0
125 8.4 6.8 10.2





#91

Dibenzo(a,h)anthracene

Concen: 48.541 ng

RT: 26.550 min Scan# 3975

Delta R.T. -0.018 min

Lab File: BM038326.D

Acq: 27 Dec 2022 21:47

Instrument :

BNA_M

ClientSampleId :

PB149775BSD

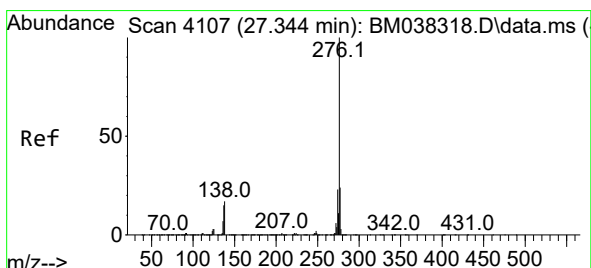
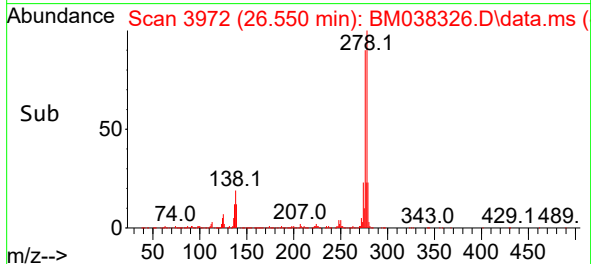
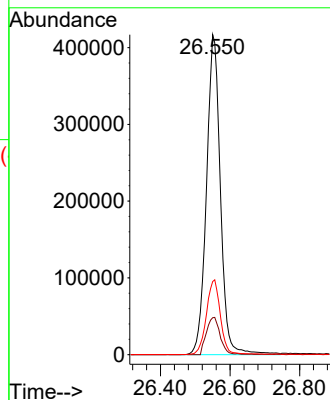
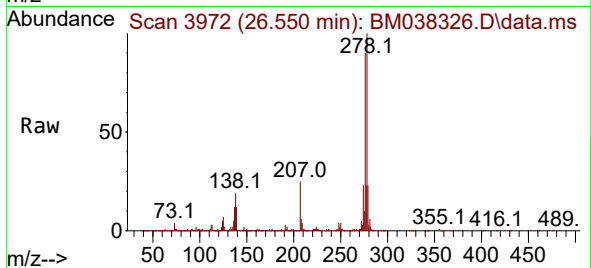
Tgt Ion:278 Resp: 1163650

Ion Ratio Lower Upper

278 100

139 11.6 9.2 13.8

279 22.9 19.0 28.4



#92

Benzo(g,h,i)perylene

Concen: 48.599 ng

RT: 27.326 min Scan# 4104

Delta R.T. -0.018 min

Lab File: BM038326.D

Acq: 27 Dec 2022 21:47

Tgt Ion:276 Resp: 1180626

Ion Ratio Lower Upper

276 100

277 24.1 18.9 28.3

138 16.2 13.7 20.5

