

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120822\
 Data File : BM037885.D
 Acq On : 08 Dec 2022 14:08
 Operator : CG/JU
 Sample : N5832-14MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Dec 08 22:38:38 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 08 01:49:06 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.087	152	250645	20.000	ng/u1	0.00
20) Naphthalene-d8	10.910	136	928258	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.716	164	459317	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.463	188	833801	20.000	ng/u1	0.00
79) Chrysene-d12	21.650	240	559832	20.000	ng/u1	0.02
88) Perylene-d12	23.992	264	1713323	20.000	ng/u1	-0.12
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.428	96	31088	5.632	ng/uL	0.00
4) Pyridine-d5	3.863	84	407598	24.891	ng/u1	0.00
7) Phenol-d5	7.246	99	732535	35.966	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.410	67	423289	34.130	ng/u1	0.00
11) 2-Chlorophenol-d4	7.616	132	613902	36.743	ng/u1	0.00
15) 4-Methylphenol-d8	8.804	113	564162	35.485	ng/u1	0.00
21) Nitrobenzene-d5	9.263	128	300099	40.832	ng/u1	0.00
24) 2-Nitrophenol-d4	9.987	143	327923	42.576	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.528	165	566092	38.696	ng/u1	0.00
31) 4-Chloroaniline-d4	11.045	131	450358	22.302	ng/u1	0.00
46) Dimethylphthalate-d6	14.127	166	1313678	40.117	ng/u1	0.00
49) Acenaphthylene-d8	14.416	160	1598438	39.939	ng/u1	0.00
54) 4-Nitrophenol-d4	14.922	143	214687	38.469	ng/u1	0.01
60) Fluorene-d10	15.710	176	1129302	38.709	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.833	200	109646	24.596	ng/u1	0.01
73) Anthracene-d10	17.580	188	1270169	32.640	ng/u1	0.02
81) Pyrene-d10	19.851	212	1455673	43.286	ng/u1	0.01
92) Benzo(a)pyrene-d12	23.992	264	1429928	16.709	ng/u1	0.05
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.463	88	75320	13.007	ng/uL	98
5) Pyridine	3.887	79	472310	28.700	ng/u1	88
6) Benzaldehyde	7.222	77	396228	52.013	ng/u1	99
8) Phenol	7.275	94	829921	40.628	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.504	93	635502	37.886	ng/u1	98
12) 2-Chlorophenol	7.651	128	701901	41.076	ng/u1	100
13) 2-Methylphenol	8.534	108	636171	40.696	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.622	45	1094069	36.121	ng/u1	97
16) Acetophenone	8.922	105	990042	39.594	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.910	70	460848	39.124	ng/u1	93
18) 4-Methylphenol	8.869	108	685814	40.555	ng/u1	99
19) Hexachloroethane	9.175	117	277644	40.643	ng/u1	94
22) Nitrobenzene	9.304	77	671020	42.432	ng/u1	97
23) Isophorone	9.839	82	1267644	43.744	ng/u1	98
25) 2-Nitrophenol	10.022	139	371058	45.953	ng/u1	100
26) 2,4-Dimethylphenol	10.075	107	696497	44.604	ng/u1	100
27) Bis(2-Chloroethoxy)met...	10.316	93	797959	41.424	ng/u1	98
29) 2,4-Dichlorophenol	10.557	162	607749	42.343	ng/u1	100
30) Naphthalene	10.963	128	4163140	83.107	ng/u1	100
32) 4-Chloroaniline	11.075	127	582374	28.920	ng/u1	99
33) Hexachlorobutadiene	11.239	225	406372	43.038	ng/u1	99
34) Caprolactam	11.869	113	164787	44.757	ng/u1	84
35) 4-Chloro-3-methylphenol	12.186	107	551281	42.196	ng/u1	95
36) 2-Methylnaphthalene	12.563	142	2523241	77.660	ng/u1	98

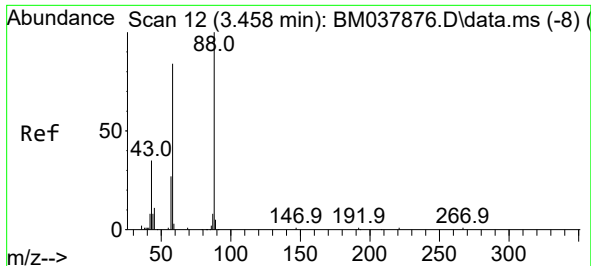
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.780	142	1511632	45.500	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.922	216	673275	44.862	ng/ul	98
40) Hexachlorocyclopentadiene	12.898	237	125531	14.622	ng/ul	99
41) 2,4,6-Trichlorophenol	13.163	196	432646	47.328	ng/ul	98
42) 2,4,5-Trichlorophenol	13.233	196	442024	46.364	ng/ul	98
43) 1,1'-Biphenyl	13.557	154	2067385	55.996	ng/ul	98
44) 2-Chloronaphthalene	13.604	162	1259886	44.235	ng/ul	98
45) 2-Nitroaniline	13.804	65	331520	48.308	ng/ul	99
47) Dimethylphthalate	14.175	163	1441700	44.623	ng/ul	99
48) 2,6-Dinitrotoluene	14.298	165	294024	46.852	ng/ul	100
50) Acenaphthylene	14.445	152	3546257	80.583	ng/ul	99
51) 3-Nitroaniline	14.627	138	305876	48.852	ng/ul	97
52) Acenaphthene	14.786	153	2844906	93.463	ng/ul	100
53) 2,4-Dinitrophenol	14.833	184	88064	28.598	ng/ul	95
55) 4-Nitrophenol	14.939	109	166178	45.152	ng/ul	97
56) Dibenzofuran	15.121	168	5043382	121.360	ng/ul	97
57) 2,4-Dinitrotoluene	15.080	165	394936	46.470	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.339	232	347790	43.367	ng/ul#	93
59) Diethylphthalate	15.527	149	1398368	43.447	ng/ul	99
61) Fluorene	15.769	166	6263381	184.810	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.751	204	633426	38.244	ng/ul	94
63) 4-Nitroaniline	15.786	138	357247	62.927	ng/ul	100
66) 4,6-Dinitro-2-methylph...	15.845	198	136579	31.647	ng/ul	94
67) N-Nitrosodiphenylamine	15.969	169	1185587	47.138	ng/ul	99
68) 4-Bromophenyl-phenylether	16.645	248	412289	45.108	ng/ul	97
69) Hexachlorobenzene	16.768	284	473449	43.395	ng/ul	94
70) Atrazine	16.921	200	256436	29.835	ng/ul	97
71) Pentachlorophenol	17.121	266	397796	65.579	ng/ul	99
72) Phenanthrene	17.521	178	16378396	359.697	ng/ul	97
74) Anthracene	17.521	178	16378396	353.945	ng/ul	96
75) 1,2,3,4-Tetrachloroben...	13.527	216	641597	47.597	ng/uL	99
76) Pentachlorobenzene	15.039	250	584457	43.770	ng/uL	97
77) Carbazole	17.886	167	14331270	357.471	ng/ul	95
78) Di-n-butylphthalate	18.415	149	2329734	48.889	ng/ul	99
80) Fluoranthene	19.668	202	392636	9.893	ng/ul	98
82) Pyrene	19.786	202	172588	4.178	ng/ul#	95
83) Butylbenzylphthalate	20.756	149	1003018	65.304	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.556	252	579287	52.292	ng/ul#	96
85) Benzo(a)anthracene	21.633	228	13124832	348.232	ng/ul	95
86) Bis(2-ethylhexyl)phtha...	21.527	149	1463540	65.499	ng/ul	96
87) Chrysene	21.698	228	16546749	467.919	ng/ul	95
90) Benzo(b)fluoranthene	23.292	252	128160	1.207	ng/ul#	1
91) Benzo(k)fluoranthene	23.409	252	21730693	211.095	ng/ul	97
93) Benzo(a)pyrene	23.939	252	10310680	110.385	ng/ul#	96
94) Indeno(1,2,3-cd)pyrene	26.550	276	147162	1.223	ng/ul#	85

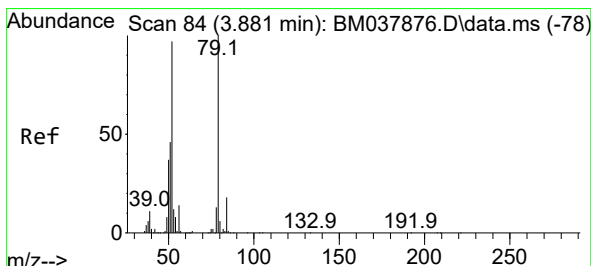
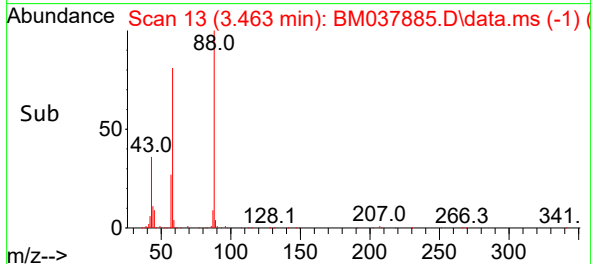
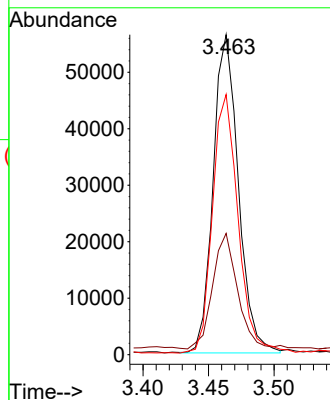
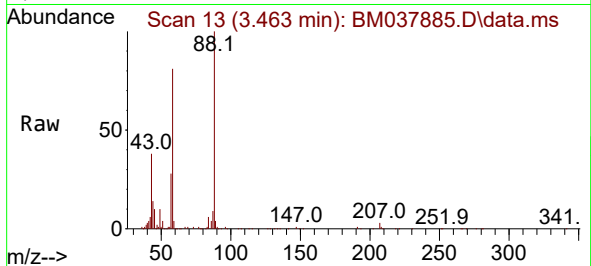
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#2
1,4-Dioxane
Concen: 13.007 ng/uL
RT: 3.463 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM037885.D
Acq: 08 Dec 2022 14:08

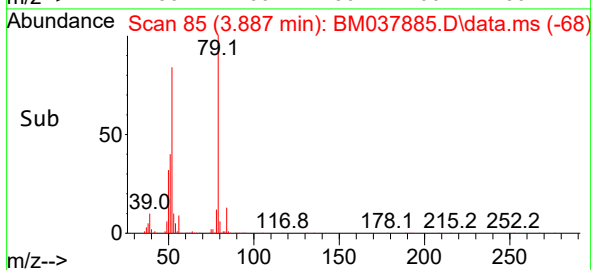
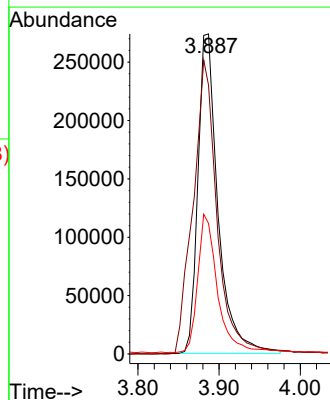
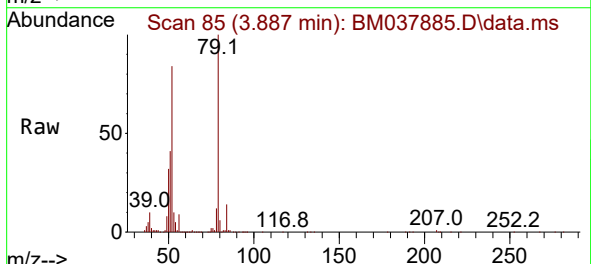
Instrument :
BNA_M
ClientSampleId :

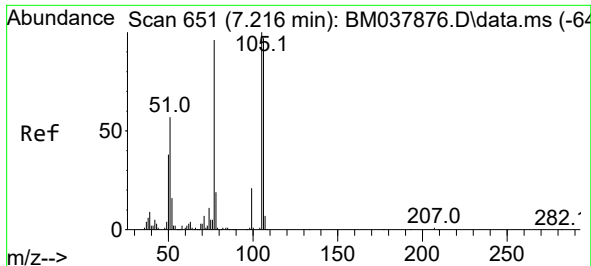
Tgt Ion: 88 Resp: 75320
Ion Ratio Lower Upper
88 100
43 37.9 32.8 49.2
58 81.3 64.6 97.0



#5
Pyridine
Concen: 28.700 ng/uL
RT: 3.887 min Scan# 85
Delta R.T. 0.000 min
Lab File: BM037885.D
Acq: 08 Dec 2022 14:08

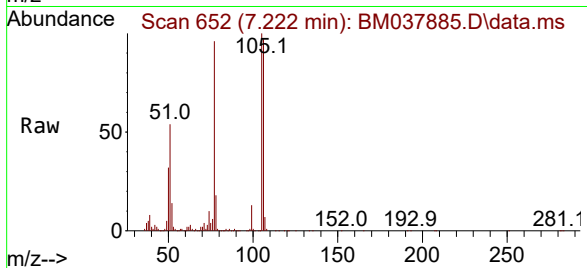
Tgt Ion: 79 Resp: 472310
Ion Ratio Lower Upper
79 100
52 84.0 78.1 117.1
51 40.8 37.2 55.8



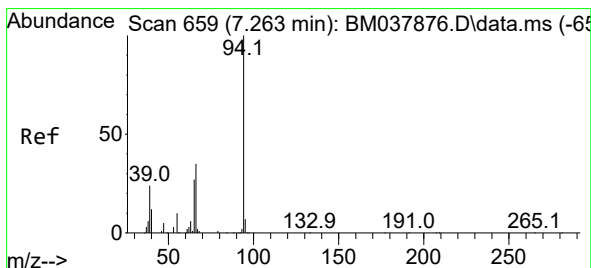
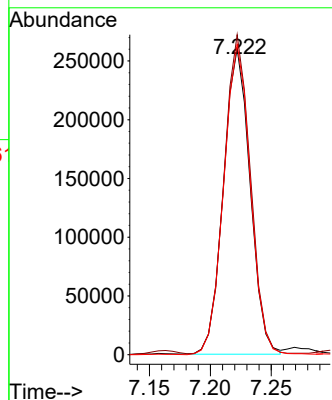
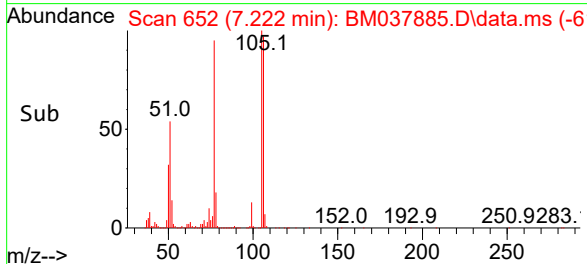


#6
Benzaldehyde
Concen: 52.013 ng/ul
RT: 7.222 min Scan# 611
Delta R.T. 0.000 min
Lab File: BM037885.D
Acq: 08 Dec 2022 14:08

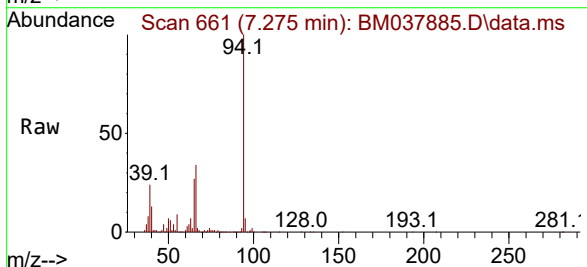
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ClientSampleId :



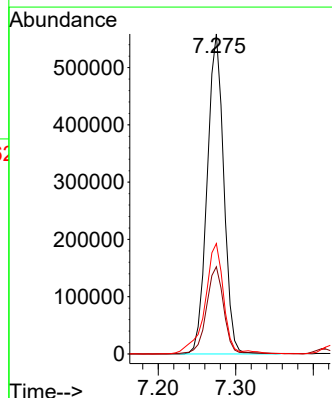
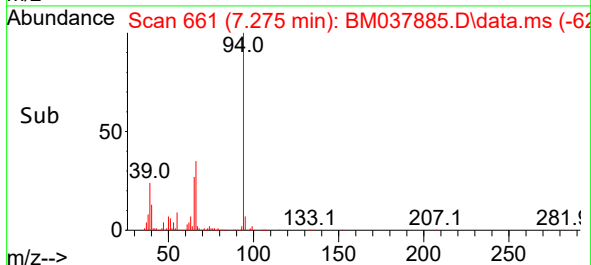
Tgt Ion: 77 Resp: 396228
Ion Ratio Lower Upper
77 100
105 104.6 82.5 123.7
106 101.5 81.8 122.6

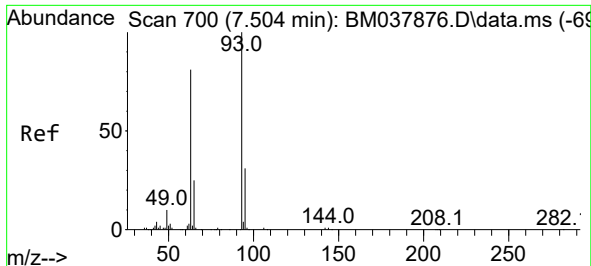


#8
Phenol
Concen: 40.628 ng/ul
RT: 7.275 min Scan# 661
Delta R.T. 0.006 min
Lab File: BM037885.D
Acq: 08 Dec 2022 14:08



Tgt Ion: 94 Resp: 829921
Ion Ratio Lower Upper
94 100
65 27.3 22.2 33.4
66 34.5 27.3 40.9

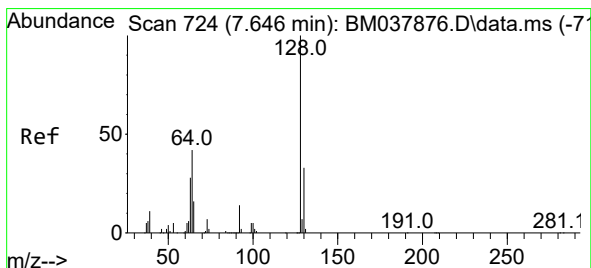
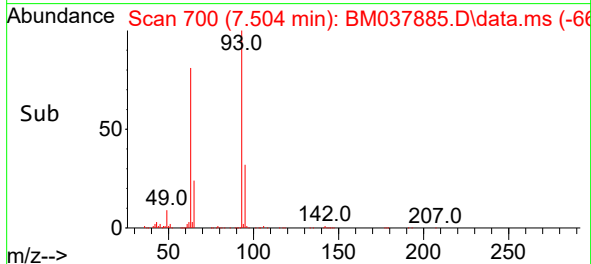
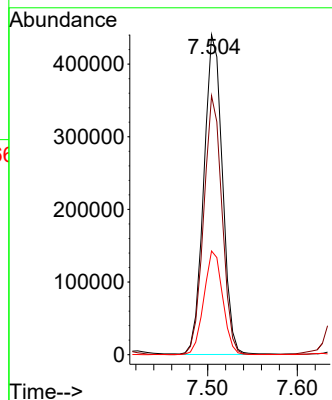
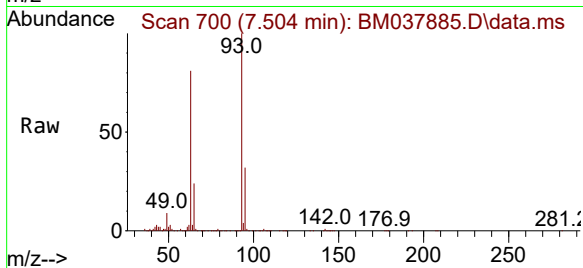




#10
Bis(2-Chloroethyl)ether
Concen: 37.886 ng/ul
RT: 7.504 min Scan# 700
Delta R.T. 0.000 min
Lab File: BM037885.D
Acq: 08 Dec 2022 14:08

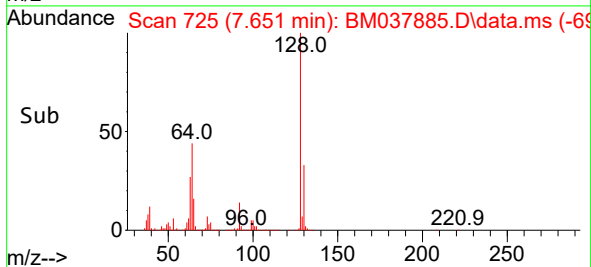
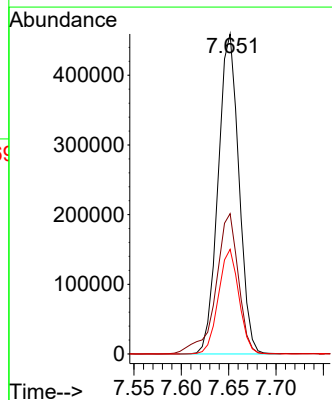
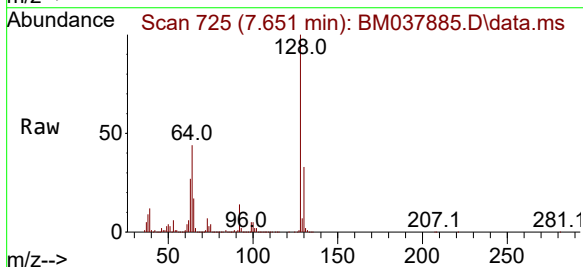
Instrument :
BNA_M
ClientSampleId :

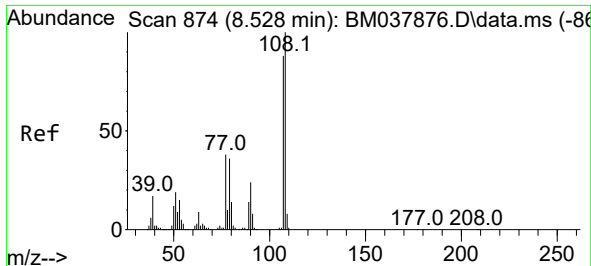
Tgt Ion: 93 Resp: 635502
Ion Ratio Lower Upper
93 100
63 80.9 66.3 99.5
95 32.4 25.7 38.5



#12
2-Chlorophenol
Concen: 41.076 ng/ul
RT: 7.651 min Scan# 725
Delta R.T. 0.000 min
Lab File: BM037885.D
Acq: 08 Dec 2022 14:08

Tgt Ion:128 Resp: 701901
Ion Ratio Lower Upper
128 100
64 43.9 35.2 52.8
130 32.7 25.9 38.9





#13

2-Methylphenol

Concen: 40.696 ng/ul

RT: 8.534 min Scan# 81

Delta R.T. 0.000 min

Lab File: BM037885.D

Acq: 08 Dec 2022 14:08

Instrument :

BNA_M

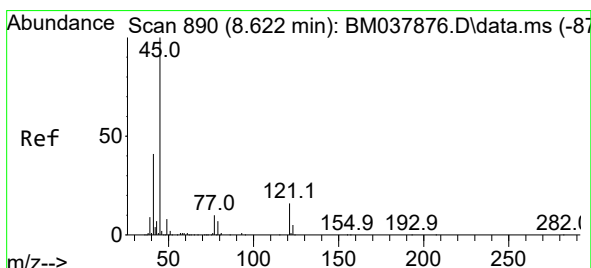
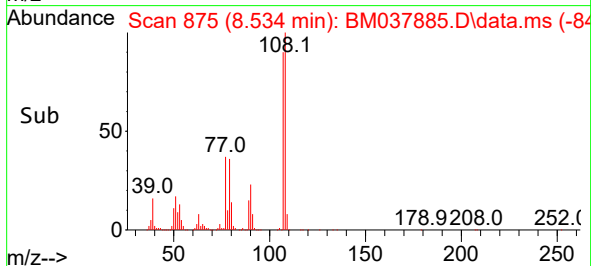
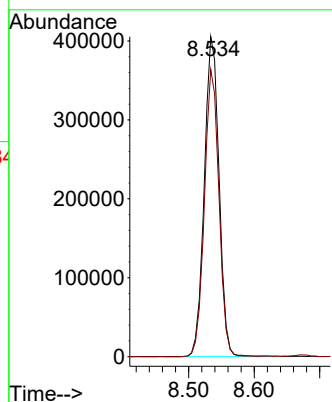
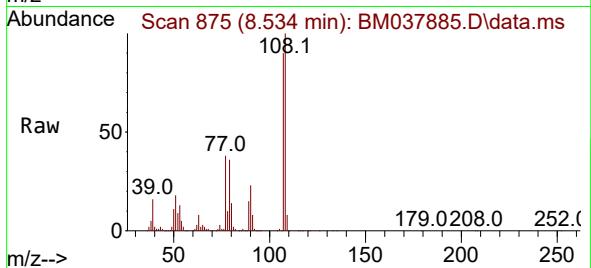
ClientSampleId :

Tgt Ion:108 Resp: 636171

Ion Ratio Lower Upper

108 100

107 89.8 71.9 107.9



#14

2,2'-oxybis(1-Chloropropane)

Concen: 36.121 ng/ul

RT: 8.622 min Scan# 890

Delta R.T. -0.006 min

Lab File: BM037885.D

Acq: 08 Dec 2022 14:08

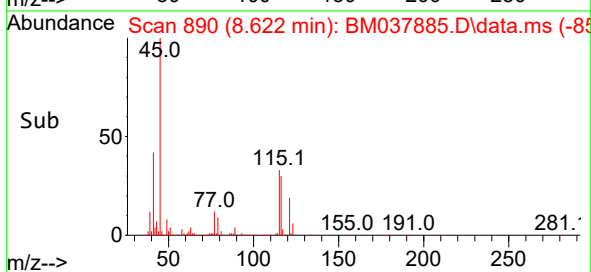
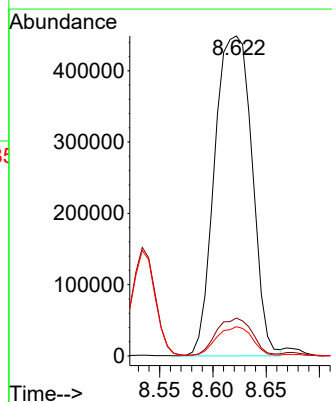
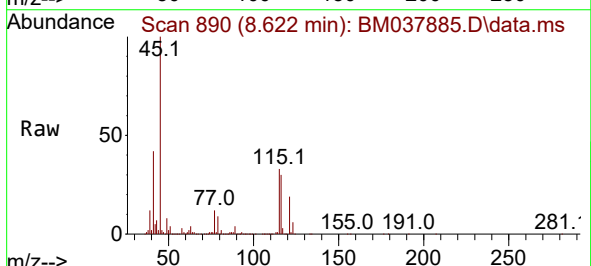
Tgt Ion: 45 Resp: 1094069

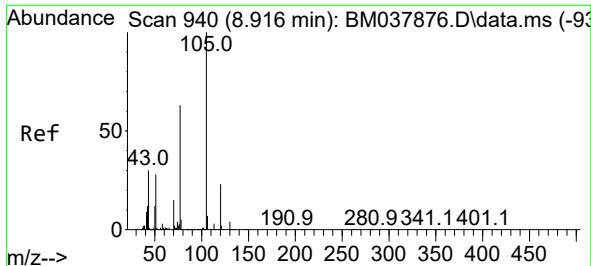
Ion Ratio Lower Upper

45 100

77 11.9 9.0 13.4

79 9.2 6.2 9.4

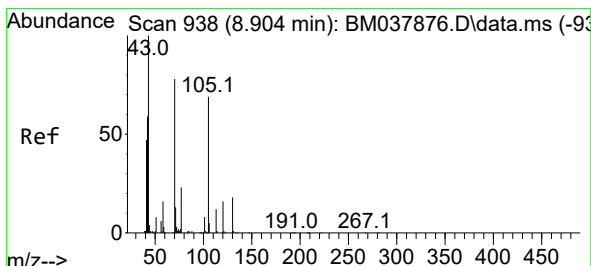
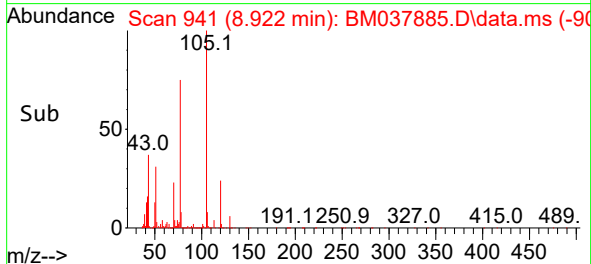
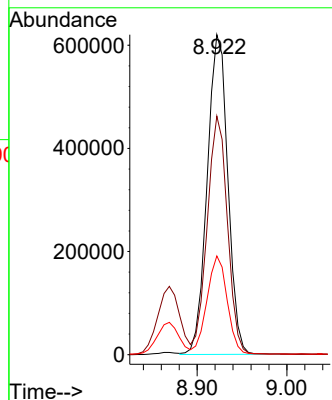
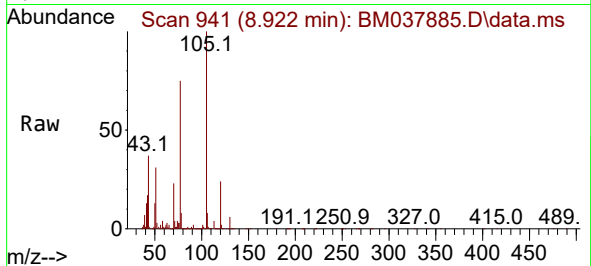




#16
Acetophenone
Concen: 39.594 ng/ul
RT: 8.922 min Scan# 941
Delta R.T. 0.000 min
Lab File: BM037885.D
Acq: 08 Dec 2022 14:08

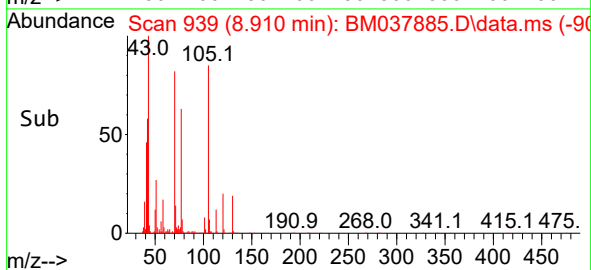
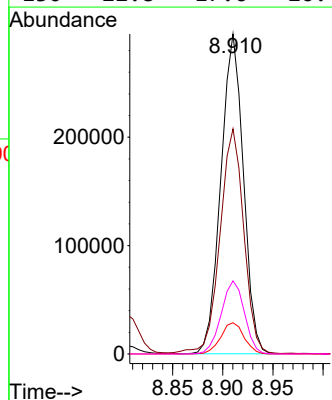
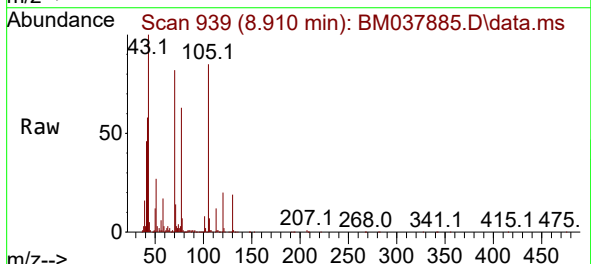
Instrument :
BNA_M
ClientSampleId :

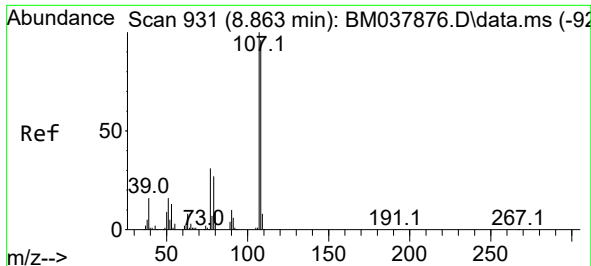
Tgt Ion:105 Resp: 990042
Ion Ratio Lower Upper
105 100
77 74.6 59.7 89.5
51 30.9 27.2 40.8



#17
N-Nitroso-di-n-propylamine
Concen: 39.124 ng/ul
RT: 8.910 min Scan# 939
Delta R.T. 0.006 min
Lab File: BM037885.D
Acq: 08 Dec 2022 14:08

Tgt Ion: 70 Resp: 460848
Ion Ratio Lower Upper
70 100
42 70.4 62.3 93.5
101 9.7 8.0 12.0
130 22.8 17.6 26.4

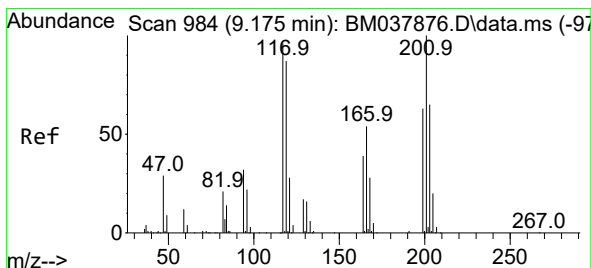
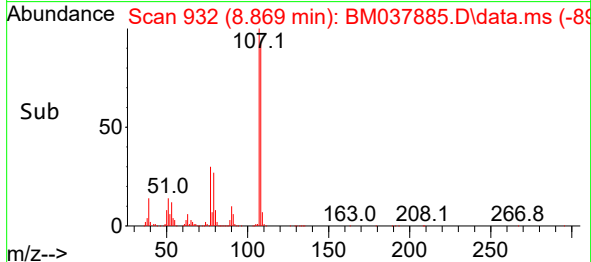
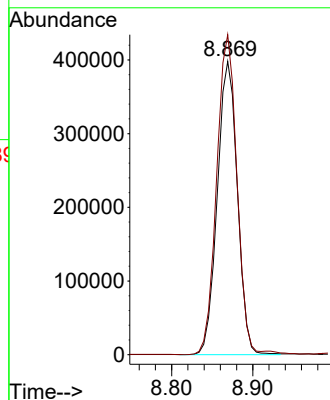
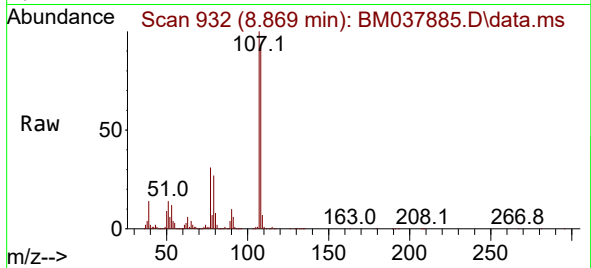




#18
4-Methylphenol
Concen: 40.555 ng/ul
RT: 8.869 min Scan# 911
Delta R.T. 0.006 min
Lab File: BM037885.D
Acq: 08 Dec 2022 14:08

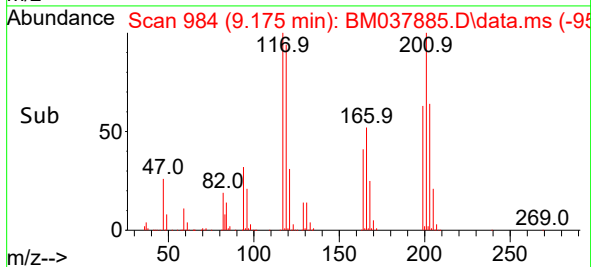
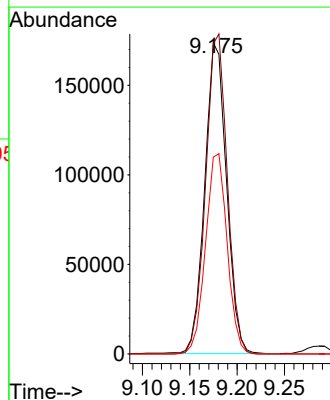
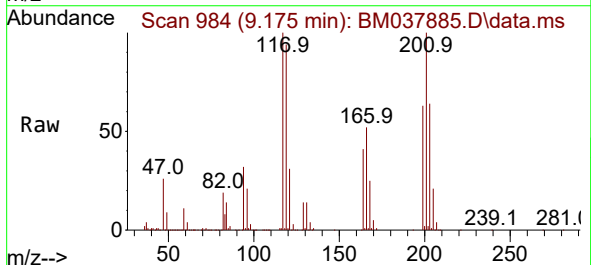
Instrument :
BNA_M
ClientSampleId :

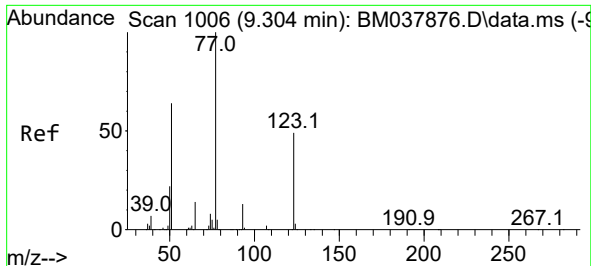
Tgt Ion:108 Resp: 685814
Ion Ratio Lower Upper
108 100
107 109.1 88.1 132.1



#19
Hexachloroethane
Concen: 40.643 ng/ul
RT: 9.175 min Scan# 984
Delta R.T. -0.006 min
Lab File: BM037885.D
Acq: 08 Dec 2022 14:08

Tgt Ion:117 Resp: 277644
Ion Ratio Lower Upper
117 100
201 99.7 87.3 130.9
199 63.3 50.9 76.3

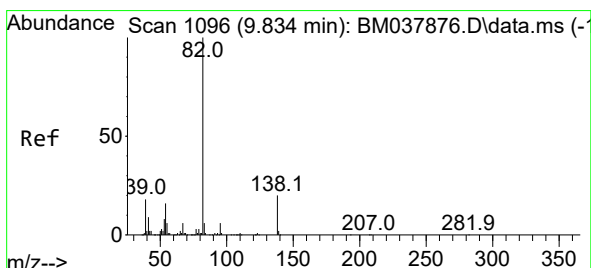
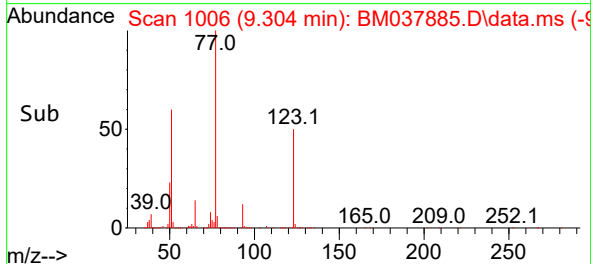
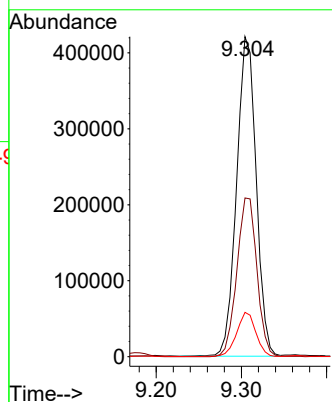
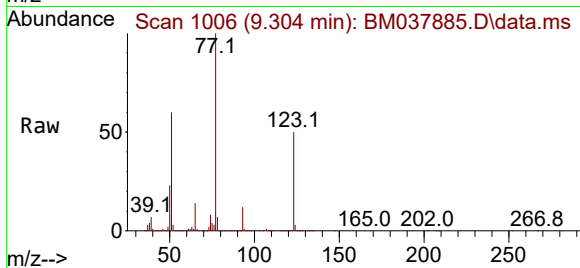




#22
Nitrobenzene
Concen: 42.432 ng/ul
RT: 9.304 min Scan# 1006
Delta R.T. 0.000 min
Lab File: BM037885.D
Acq: 08 Dec 2022 14:08

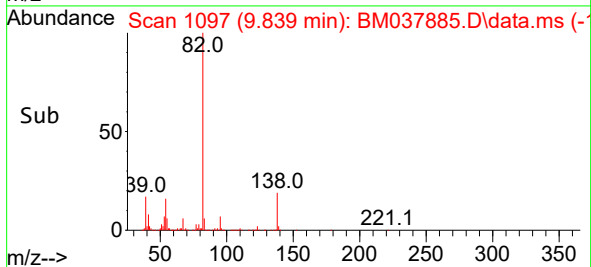
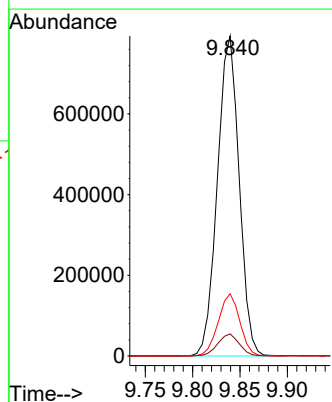
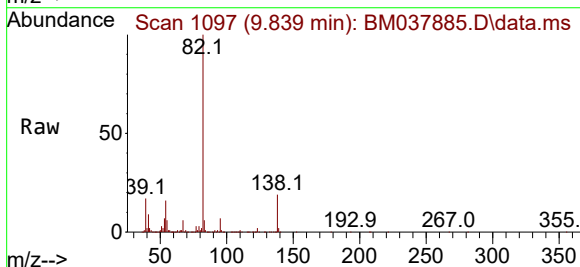
Instrument :
BNA_M
ClientSampleId :

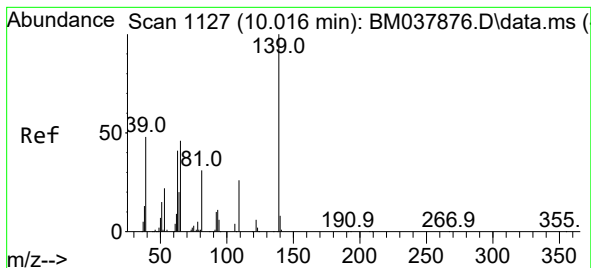
Tgt Ion: 77 Resp: 671020
Ion Ratio Lower Upper
77 100
123 49.6 37.8 56.6
65 13.8 11.1 16.7



#23
Isophorone
Concen: 43.744 ng/ul
RT: 9.839 min Scan# 1097
Delta R.T. 0.006 min
Lab File: BM037885.D
Acq: 08 Dec 2022 14:08

Tgt Ion: 82 Resp: 1267644
Ion Ratio Lower Upper
82 100
95 6.9 5.2 7.8
138 19.5 14.9 22.3

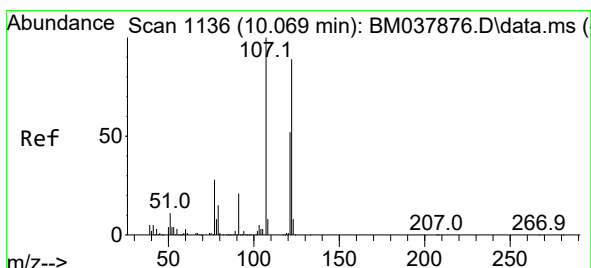
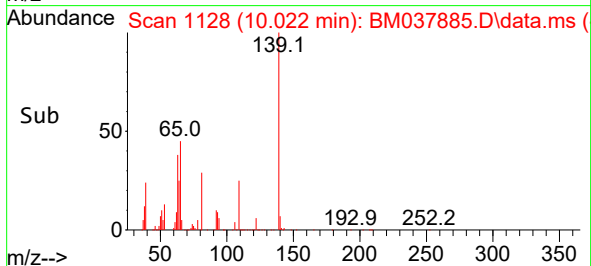
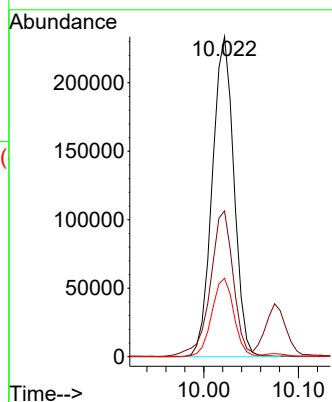
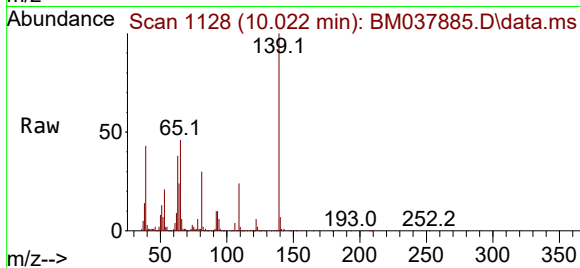




#25
2-Nitrophenol
Concen: 45.953 ng/ul
RT: 10.022 min Scan# 1128
Delta R.T. 0.000 min
Lab File: BM037885.D
Acq: 08 Dec 2022 14:08

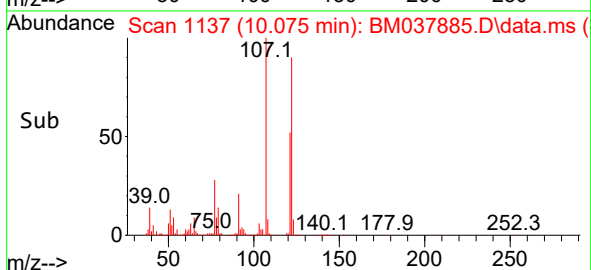
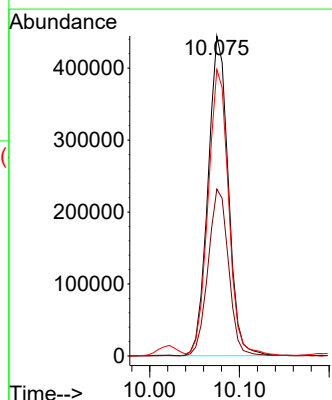
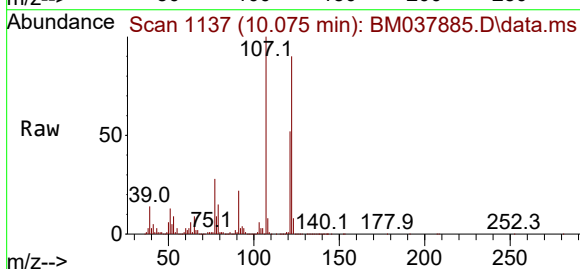
Instrument :
BNA_M
ClientSampleId :

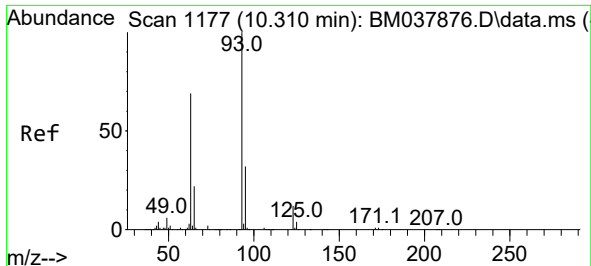
Tgt Ion:139 Resp: 371058
Ion Ratio Lower Upper
139 100
65 45.6 36.2 54.4
109 24.5 19.7 29.5



#26
2,4-Dimethylphenol
Concen: 44.604 ng/ul
RT: 10.075 min Scan# 1137
Delta R.T. 0.000 min
Lab File: BM037885.D
Acq: 08 Dec 2022 14:08

Tgt Ion:107 Resp: 696497
Ion Ratio Lower Upper
107 100
121 52.2 42.0 63.0
122 89.5 71.4 107.2





#27

Bis(2-Chloroethoxy)methane

Concen: 41.424 ng/ul

RT: 10.316 min Scan# 1178

Delta R.T. 0.006 min

Lab File: BM037885.D

Acq: 08 Dec 2022 14:08

Instrument :

BNA_M

ClientSampleId :

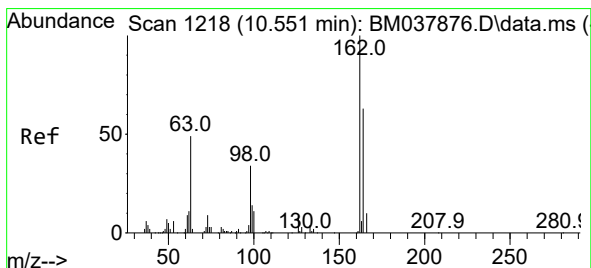
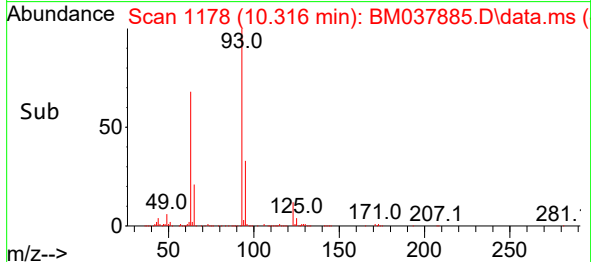
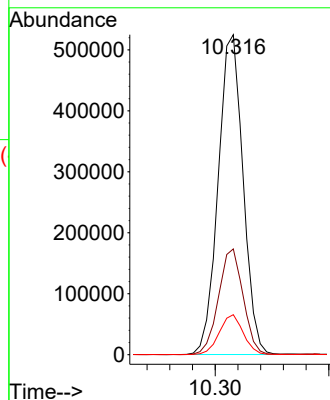
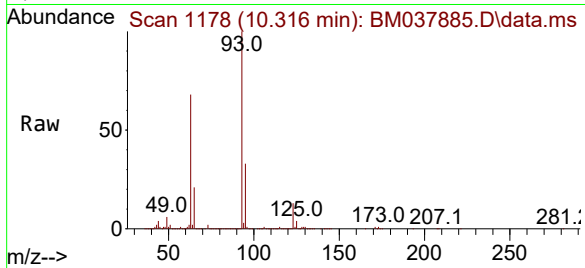
Tgt Ion: 93 Resp: 797959

Ion Ratio Lower Upper

93 100

95 33.0 25.5 38.3

123 12.5 9.4 14.2



#29

2,4-Dichlorophenol

Concen: 42.343 ng/ul

RT: 10.557 min Scan# 1219

Delta R.T. 0.006 min

Lab File: BM037885.D

Acq: 08 Dec 2022 14:08

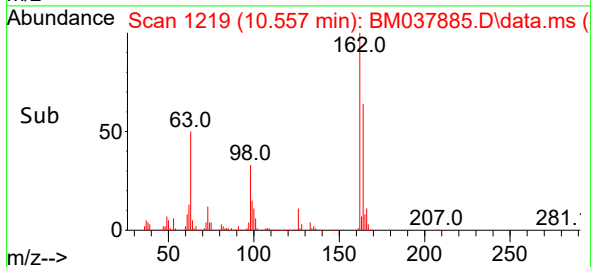
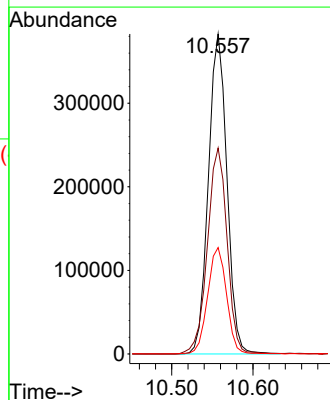
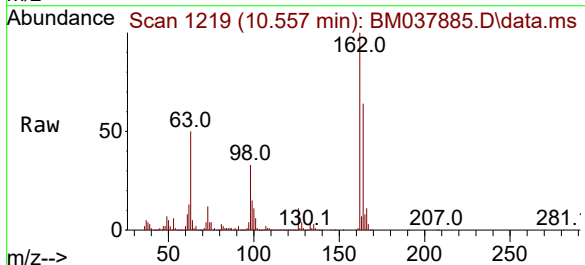
Tgt Ion:162 Resp: 607749

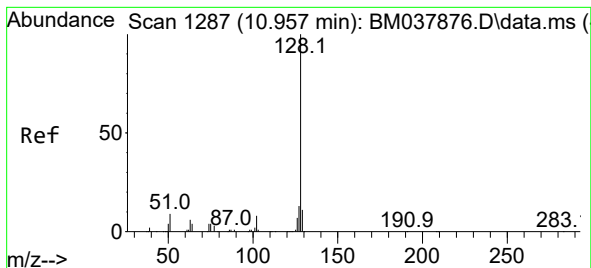
Ion Ratio Lower Upper

162 100

164 64.3 51.4 77.2

98 33.3 26.1 39.1





#30

Naphthalene

Concen: 83.107 ng/ul

RT: 10.963 min Scan# 1

Delta R.T. 0.000 min

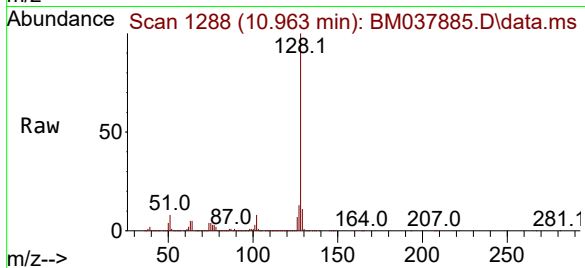
Lab File: BM037885.D

Acq: 08 Dec 2022 14:08

Instrument :

BNA_M

ClientSampleId :



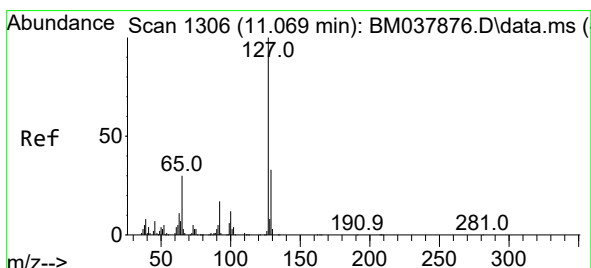
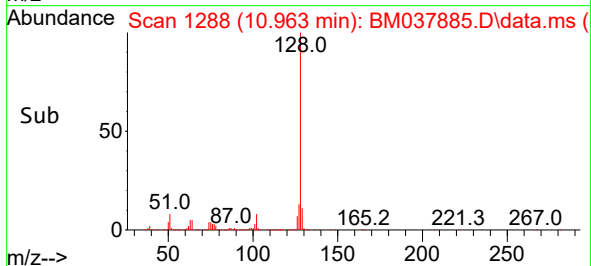
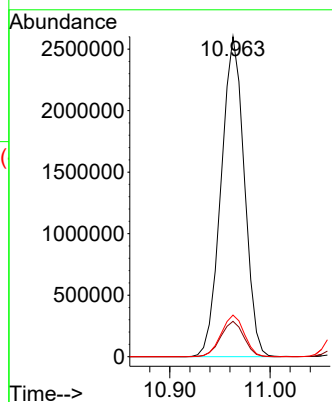
Tgt Ion:128 Resp: 4163140

Ion Ratio Lower Upper

128 100

129 11.0 9.0 13.4

127 13.0 10.4 15.6



#32

4-Chloroaniline

Concen: 28.920 ng/ul

RT: 11.075 min Scan# 1307

Delta R.T. 0.006 min

Lab File: BM037885.D

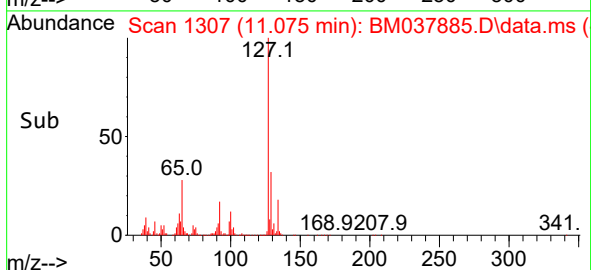
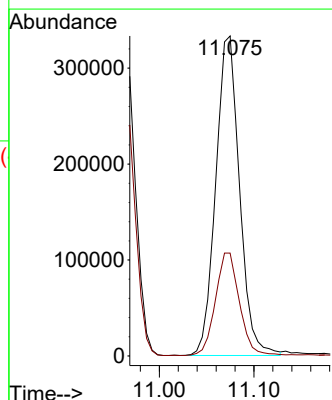
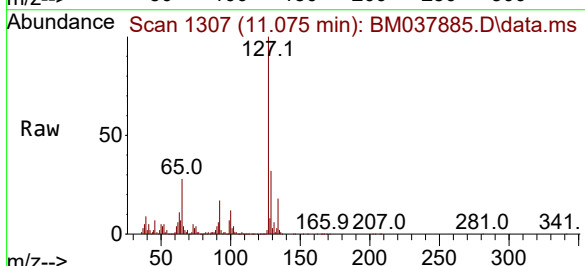
Acq: 08 Dec 2022 14:08

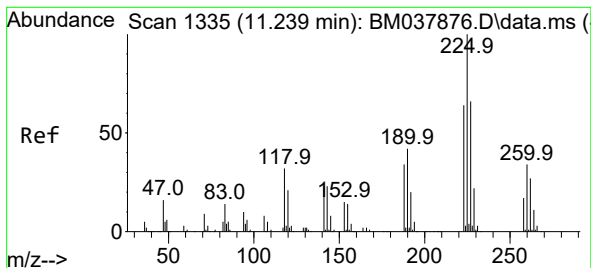
Tgt Ion:127 Resp: 582374

Ion Ratio Lower Upper

127 100

129 32.2 25.3 37.9





#33

Hexachlorobutadiene

Concen: 43.038 ng/ul

RT: 11.239 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM037885.D

Acq: 08 Dec 2022 14:08

Instrument :

BNA_M

ClientSampleId :

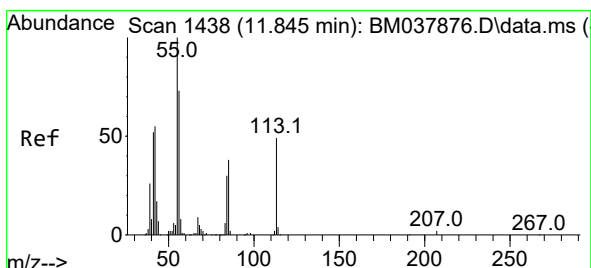
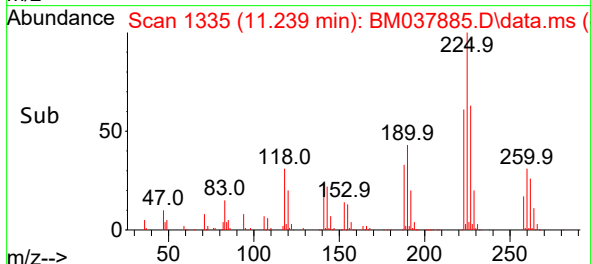
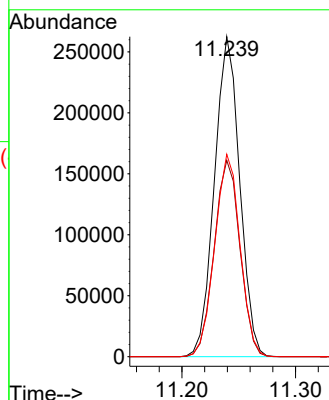
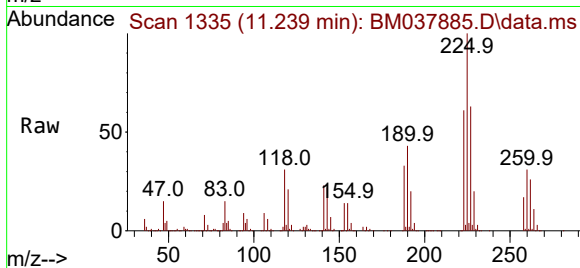
Tgt Ion:225 Resp: 406372

Ion Ratio Lower Upper

225 100

223 61.4 50.8 76.2

227 63.3 50.5 75.7



#34

Caprolactam

Concen: 44.757 ng/ul

RT: 11.869 min Scan# 1442

Delta R.T. 0.018 min

Lab File: BM037885.D

Acq: 08 Dec 2022 14:08

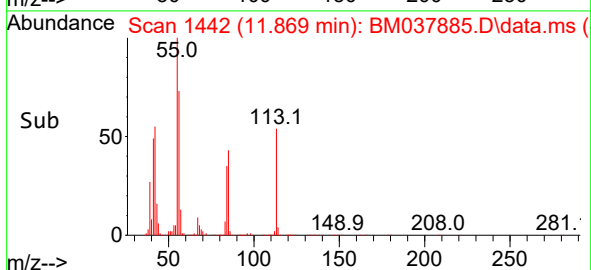
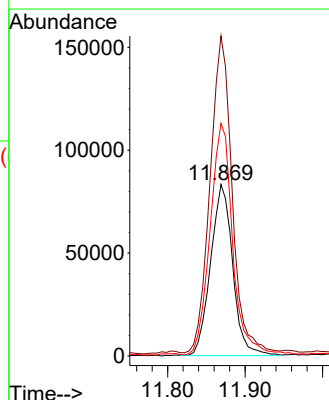
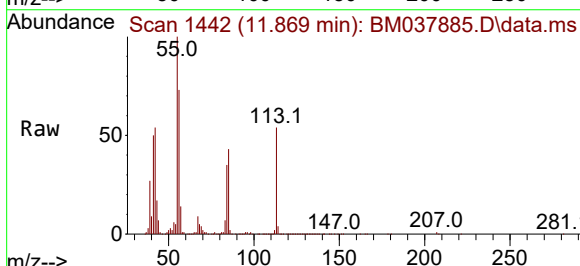
Tgt Ion:113 Resp: 164787

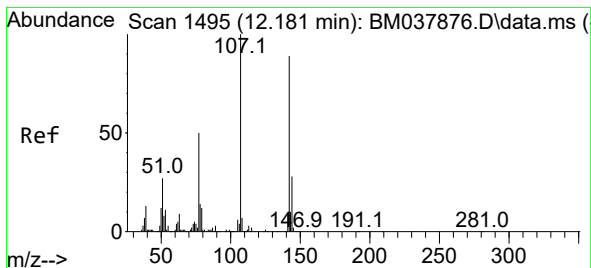
Ion Ratio Lower Upper

113 100

55 186.6 172.2 258.2

56 135.6 120.7 181.1

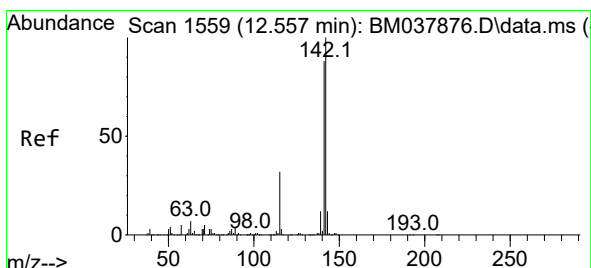
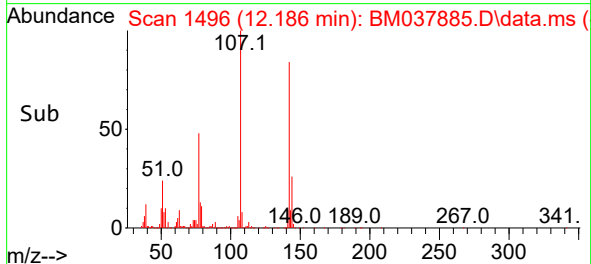
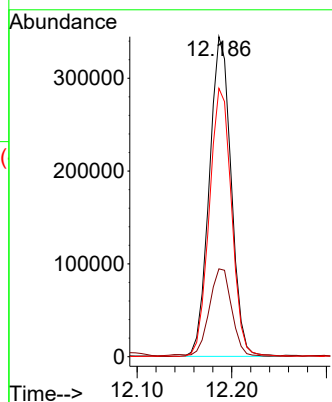
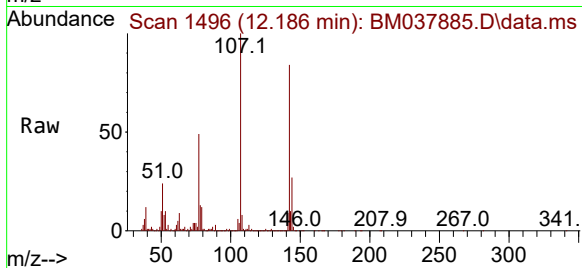




#35
 4-Chloro-3-methylphenol
 Concen: 42.196 ng/ul
 RT: 12.186 min Scan# 1495
 Delta R.T. 0.006 min
 Lab File: BM037885.D
 Acq: 08 Dec 2022 14:08

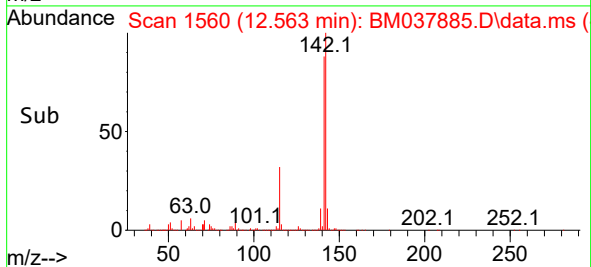
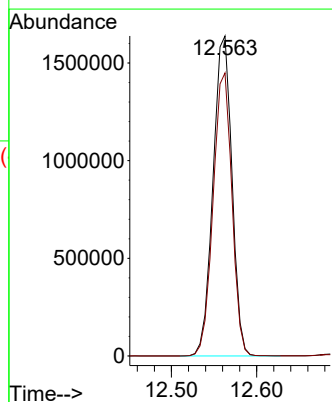
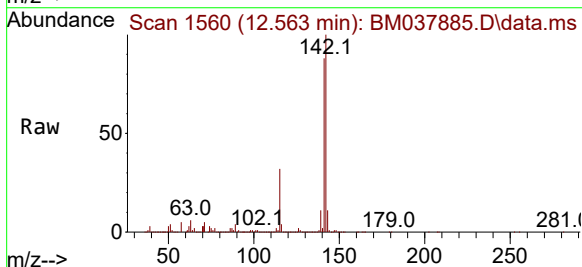
Instrument :
 BNA_M
 ClientSampleId :

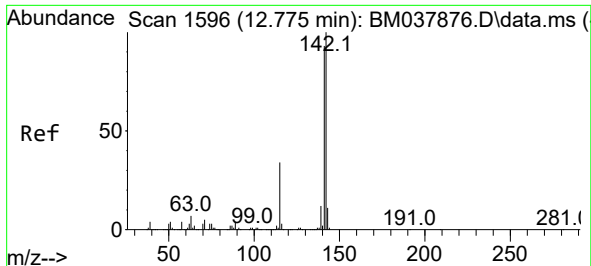
Tgt Ion:107 Resp: 551281
 Ion Ratio Lower Upper
 107 100
 144 27.4 23.4 35.0
 142 83.9 71.0 106.4



#36
 2-Methylnaphthalene
 Concen: 77.660 ng/ul
 RT: 12.563 min Scan# 1560
 Delta R.T. 0.006 min
 Lab File: BM037885.D
 Acq: 08 Dec 2022 14:08

Tgt Ion:142 Resp: 2523241
 Ion Ratio Lower Upper
 142 100
 141 88.5 69.4 104.0





#37

1-Methylnaphthalene

Concen: 45.500 ng/ul

RT: 12.780 min Scan# 1

Delta R.T. 0.006 min

Lab File: BM037885.D

Acq: 08 Dec 2022 14:08

Instrument :

BNA_M

ClientSampleId :

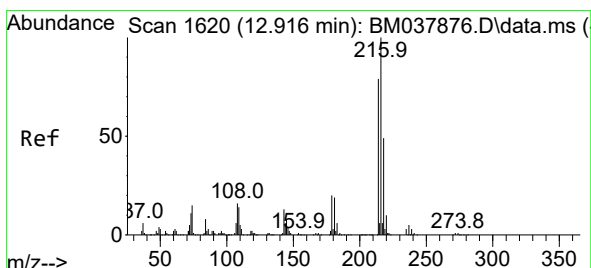
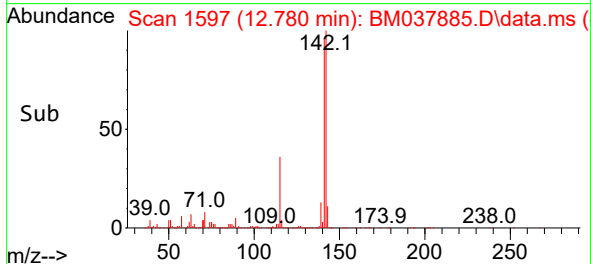
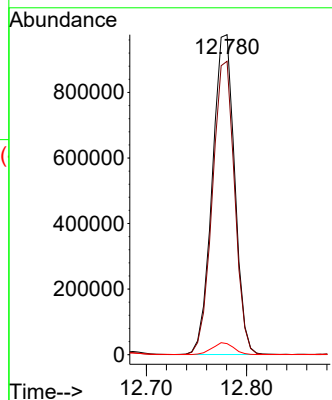
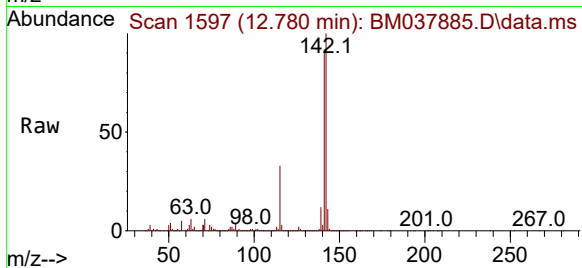
Tgt Ion:142 Resp: 1511632

Ion Ratio Lower Upper

142 100

141 91.7 72.4 108.6

116 3.5 2.9 4.3



#39

1,2,4,5-Tetrachlorobenzene

Concen: 44.862 ng/ul

RT: 12.922 min Scan# 1621

Delta R.T. 0.000 min

Lab File: BM037885.D

Acq: 08 Dec 2022 14:08

Tgt Ion:216 Resp: 673275

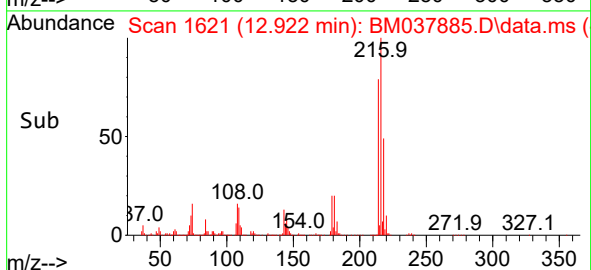
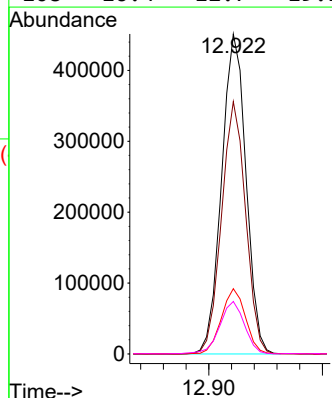
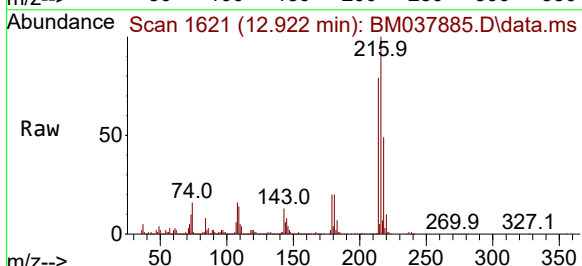
Ion Ratio Lower Upper

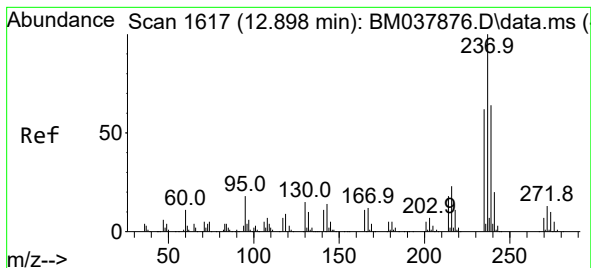
216 100

214 78.9 64.2 96.4

179 20.4 15.4 23.2

108 16.4 12.7 19.1





#40

Hexachlorocyclopentadiene

Concen: 14.622 ng/ul

RT: 12.898 min Scan# 1

Delta R.T. 0.000 min

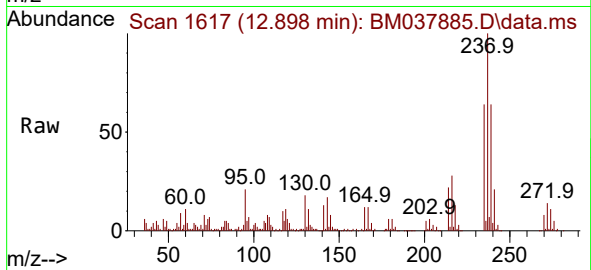
Lab File: BM037885.D

Acq: 08 Dec 2022 14:08

Instrument :

BNA_M

ClientSampleId :



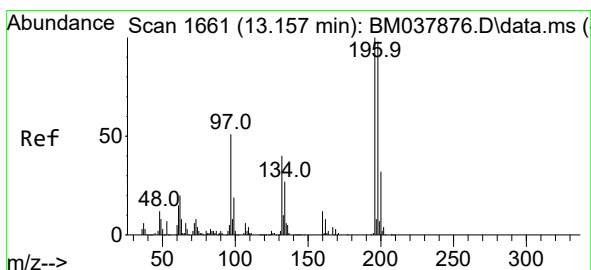
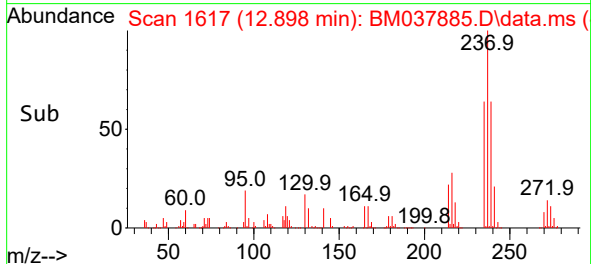
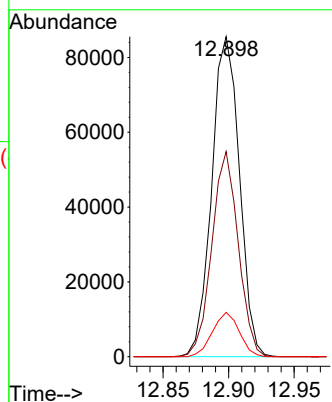
Tgt Ion:237 Resp: 125531

Ion Ratio Lower Upper

237 100

235 64.1 50.4 75.6

272 13.9 10.6 16.0



#41

2,4,6-Trichlorophenol

Concen: 47.328 ng/ul

RT: 13.163 min Scan# 1662

Delta R.T. 0.006 min

Lab File: BM037885.D

Acq: 08 Dec 2022 14:08

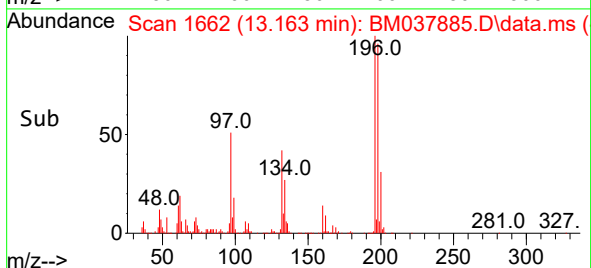
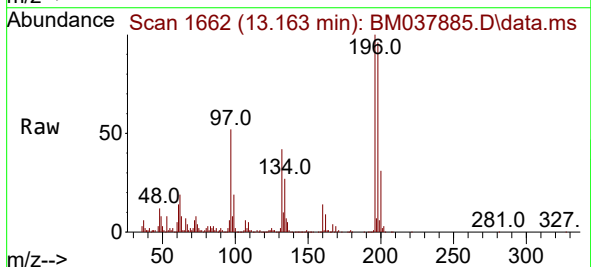
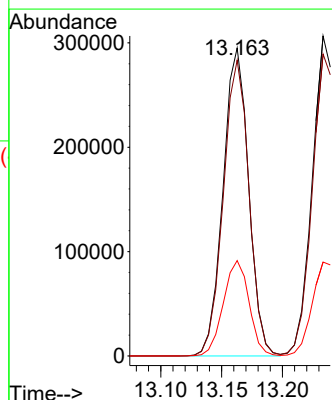
Tgt Ion:196 Resp: 432646

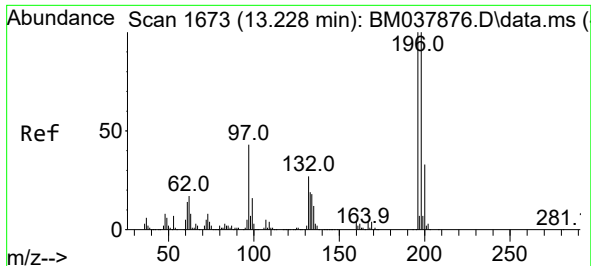
Ion Ratio Lower Upper

196 100

198 96.1 75.0 112.6

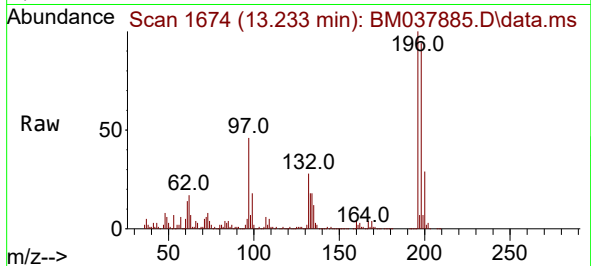
200 31.0 24.5 36.7



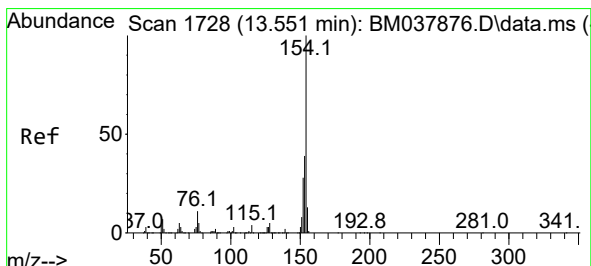
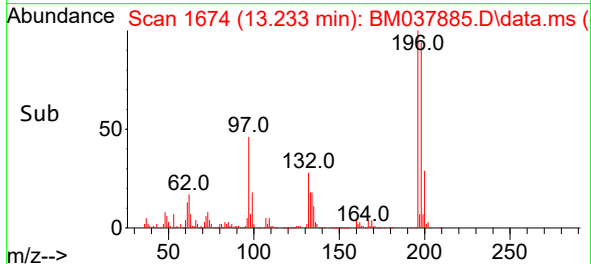
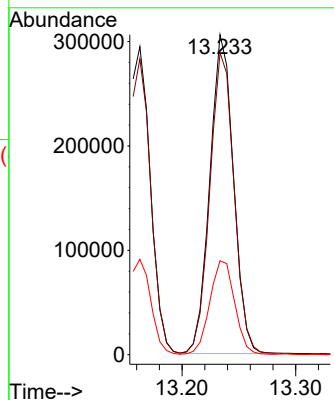


#42
2,4,5-Trichlorophenol
Concen: 46.364 ng/ul
RT: 13.233 min Scan# 1
Delta R.T. 0.006 min
Lab File: BM037885.D
Acq: 08 Dec 2022 14:08

Instrument :
BNA_M
ClientSampleId :

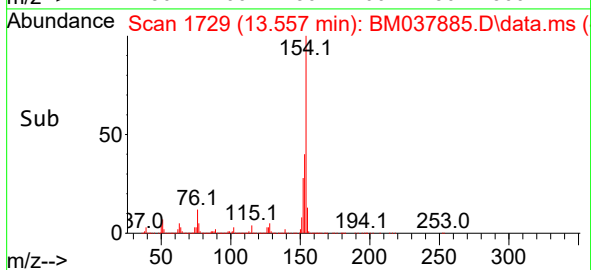
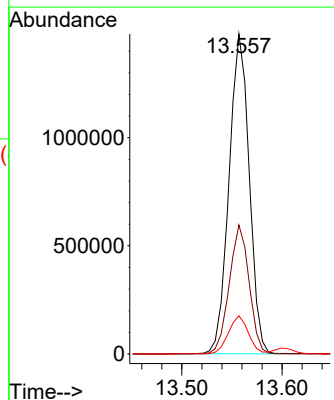
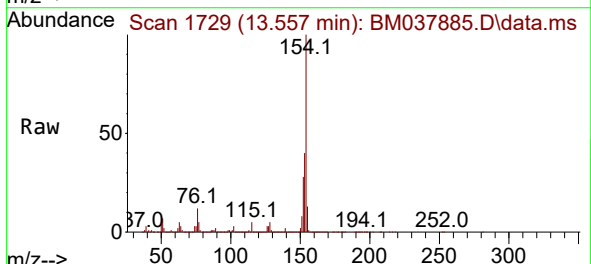


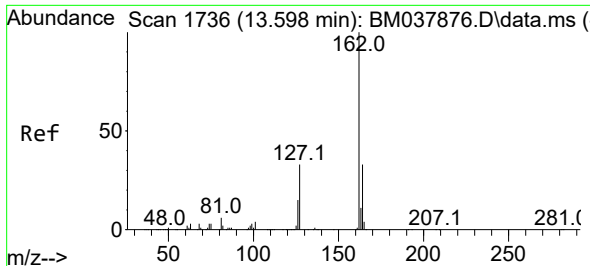
Tgt Ion:196 Resp: 442024
Ion Ratio Lower Upper
196 100
198 94.4 76.5 114.7
200 29.4 24.9 37.3



#43
1,1'-Biphenyl
Concen: 55.996 ng/ul
RT: 13.557 min Scan# 1729
Delta R.T. 0.000 min
Lab File: BM037885.D
Acq: 08 Dec 2022 14:08

Tgt Ion:154 Resp: 2067385
Ion Ratio Lower Upper
154 100
153 40.3 31.2 46.8
76 12.0 9.3 13.9

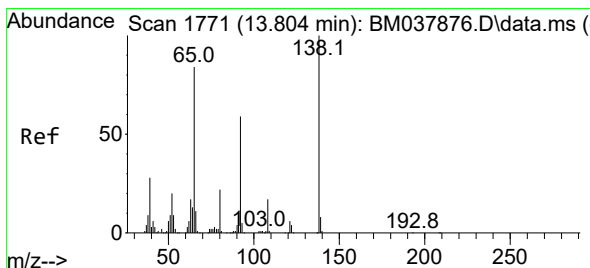
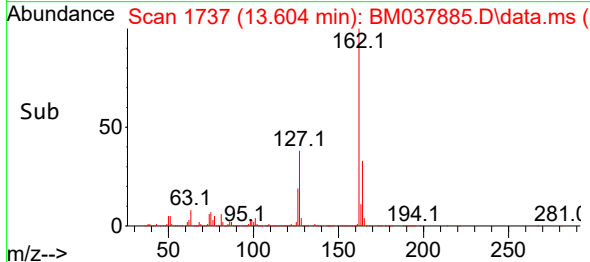
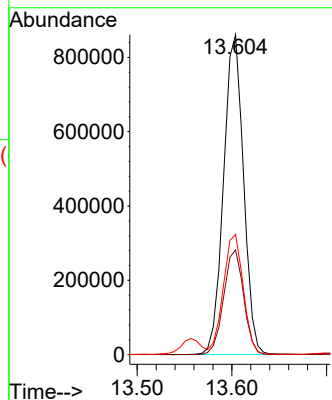
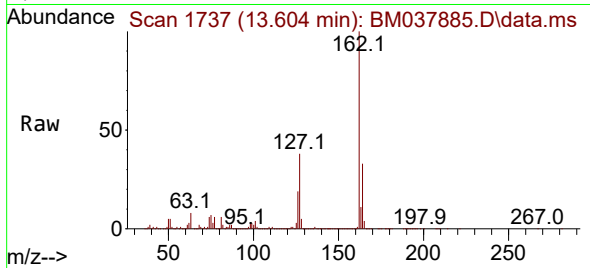




#44
2-Chloronaphthalene
Concen: 44.235 ng/ul
RT: 13.604 min Scan# 1737
Delta R.T. 0.000 min
Lab File: BM037885.D
Acq: 08 Dec 2022 14:08

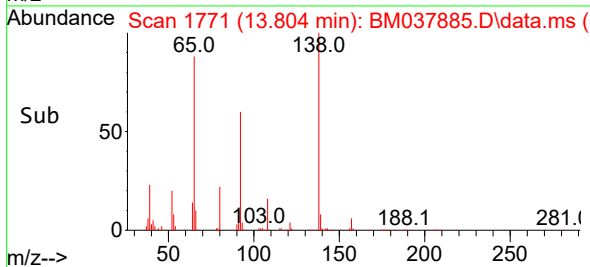
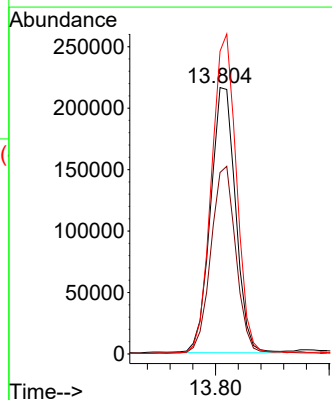
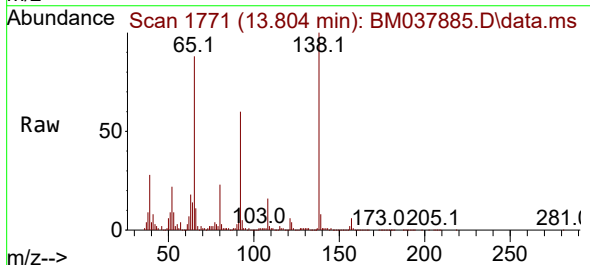
Instrument :
BNA_M
ClientSampleId :

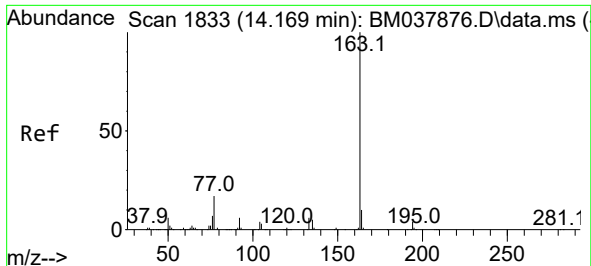
Tgt Ion:162 Resp: 1259886
Ion Ratio Lower Upper
162 100
164 32.8 27.3 40.9
127 37.6 29.4 44.0



#45
2-Nitroaniline
Concen: 48.308 ng/ul
RT: 13.804 min Scan# 1771
Delta R.T. 0.000 min
Lab File: BM037885.D
Acq: 08 Dec 2022 14:08

Tgt Ion: 65 Resp: 331520
Ion Ratio Lower Upper
65 100
92 68.1 53.5 80.3
138 113.6 91.3 136.9





#47

Dimethylphthalate

Concen: 44.623 ng/ul

RT: 14.175 min Scan# 1834

Delta R.T. 0.006 min

Lab File: BM037885.D

Acq: 08 Dec 2022 14:08

Instrument :

BNA_M

ClientSampleId :

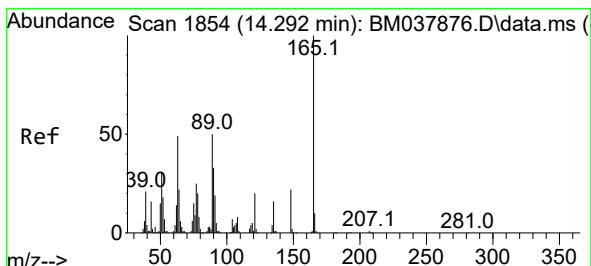
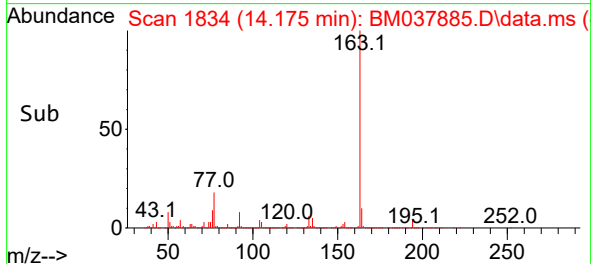
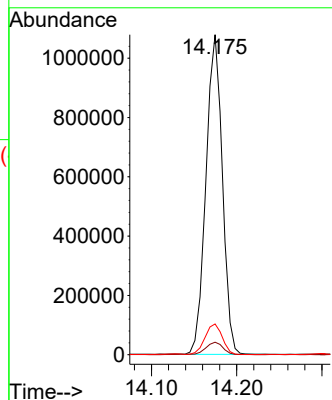
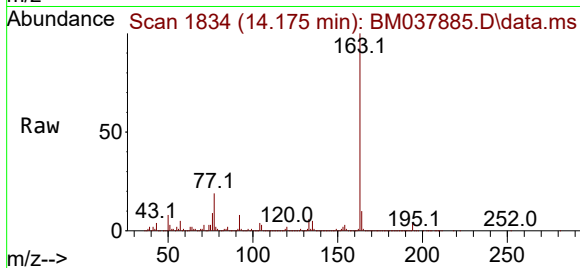
Tgt Ion:163 Resp: 1441700

Ion Ratio Lower Upper

163 100

194 3.9 3.0 4.6

164 9.6 8.2 12.4



#48

2,6-Dinitrotoluene

Concen: 46.852 ng/ul

RT: 14.298 min Scan# 1855

Delta R.T. 0.006 min

Lab File: BM037885.D

Acq: 08 Dec 2022 14:08

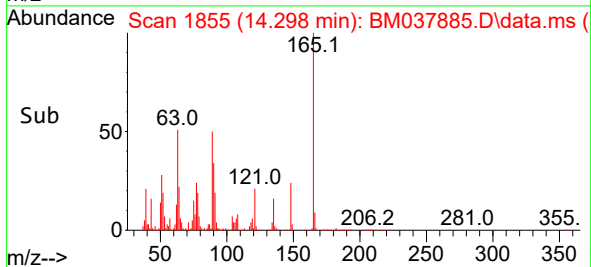
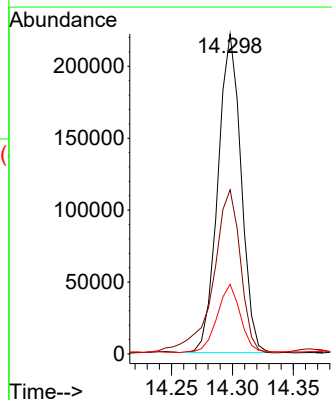
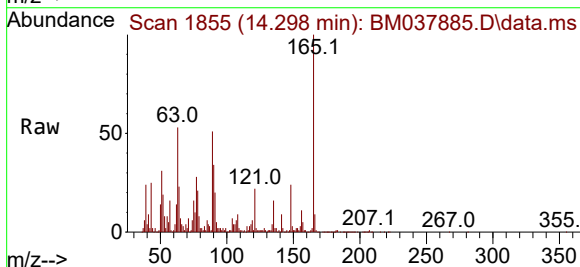
Tgt Ion:165 Resp: 294024

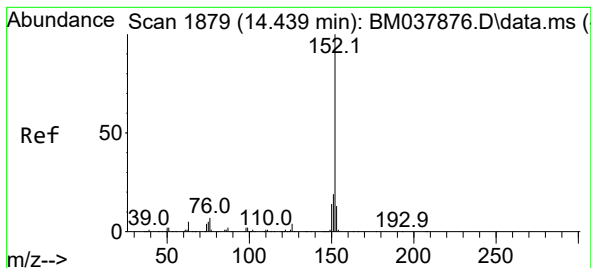
Ion Ratio Lower Upper

165 100

89 51.3 41.1 61.7

121 21.8 17.4 26.2





#50

Acenaphthylene

Concen: 80.583 ng/ul

RT: 14.445 min Scan# 11

Delta R.T. 0.000 min

Lab File: BM037885.D

Acq: 08 Dec 2022 14:08

Instrument :

BNA_M

ClientSampleId :

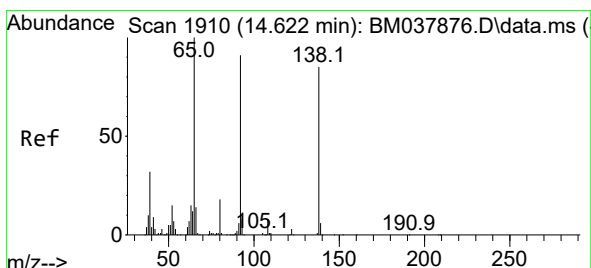
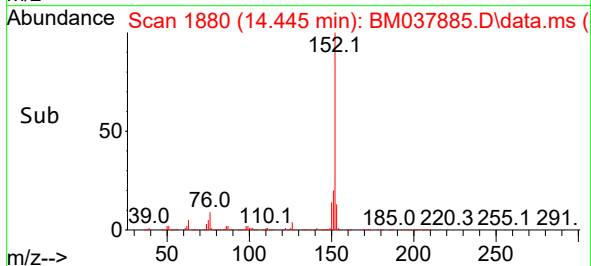
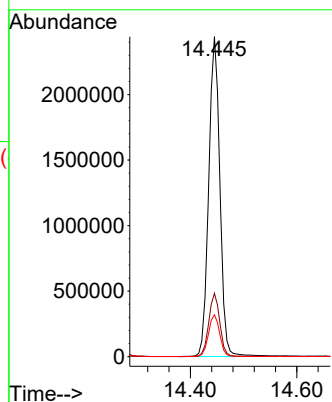
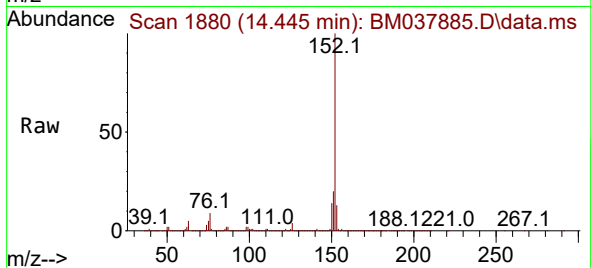
Tgt Ion:152 Resp: 3546257

Ion Ratio Lower Upper

152 100

151 19.8 15.3 22.9

153 13.1 10.2 15.4



#51

3-Nitroaniline

Concen: 48.852 ng/ul

RT: 14.627 min Scan# 1911

Delta R.T. 0.006 min

Lab File: BM037885.D

Acq: 08 Dec 2022 14:08

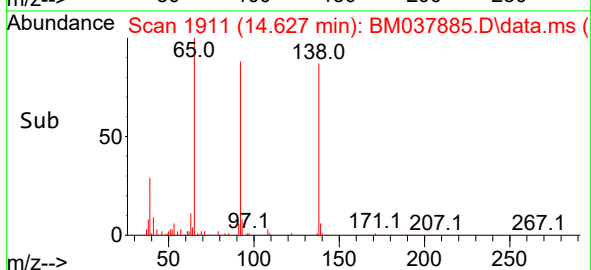
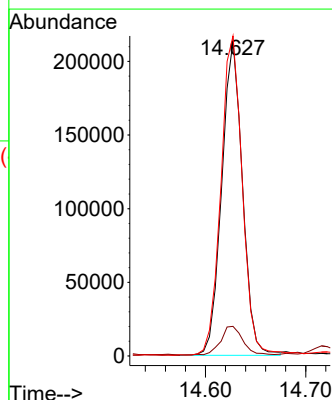
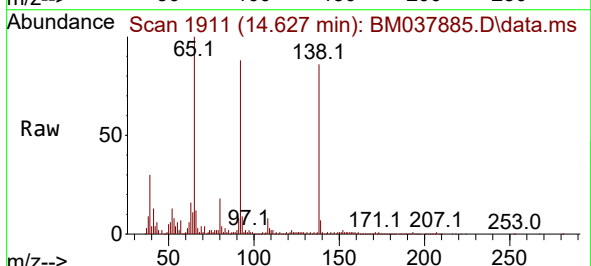
Tgt Ion:138 Resp: 305876

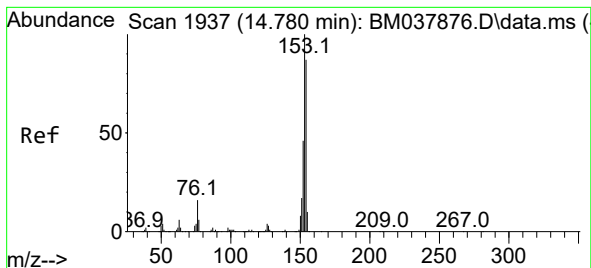
Ion Ratio Lower Upper

138 100

108 9.4 7.9 11.9

92 101.5 83.4 125.0





#52

Acenaphthene

Concen: 93.463 ng/ul

RT: 14.786 min Scan# 1937

Delta R.T. 0.006 min

Lab File: BM037885.D

Acq: 08 Dec 2022 14:08

Instrument :

BNA_M

ClientSampleId :

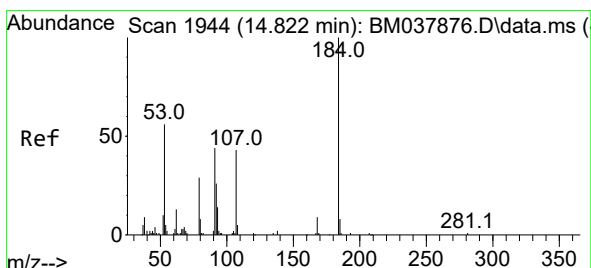
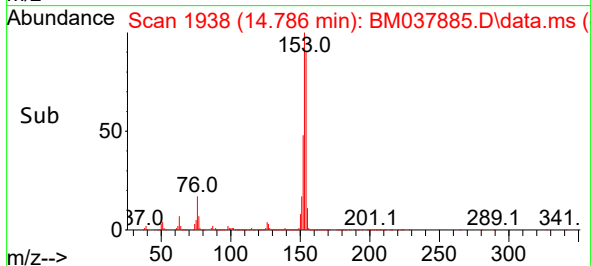
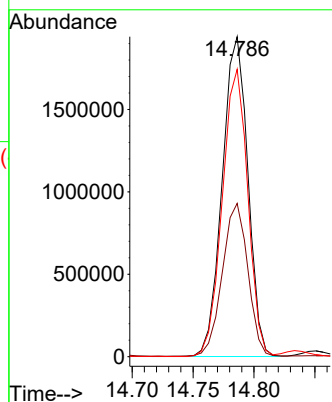
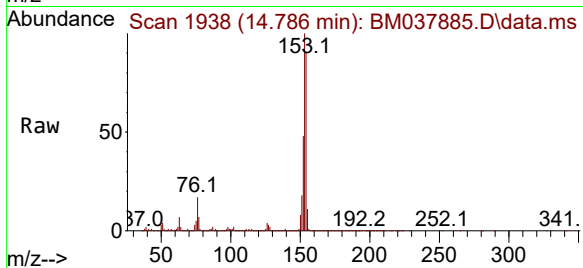
Tgt Ion:153 Resp: 2844906

Ion Ratio Lower Upper

153 100

152 47.9 38.2 57.4

154 89.8 71.4 107.0



#53

2,4-Dinitrophenol

Concen: 28.598 ng/ul

RT: 14.833 min Scan# 1946

Delta R.T. 0.006 min

Lab File: BM037885.D

Acq: 08 Dec 2022 14:08

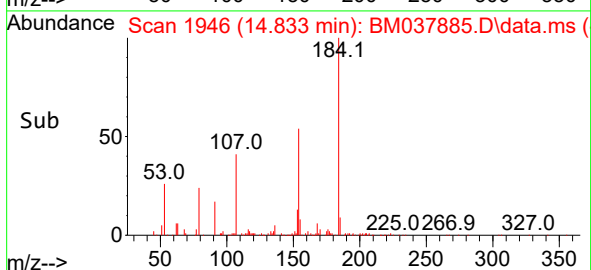
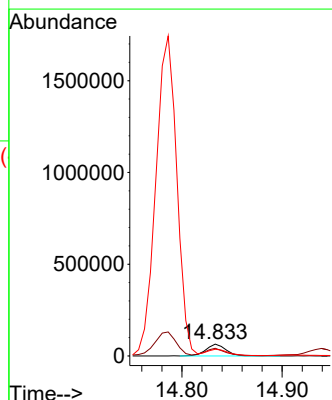
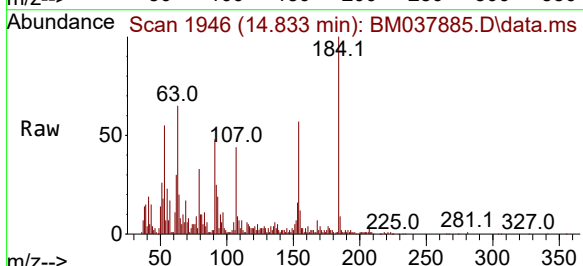
Tgt Ion:184 Resp: 88064

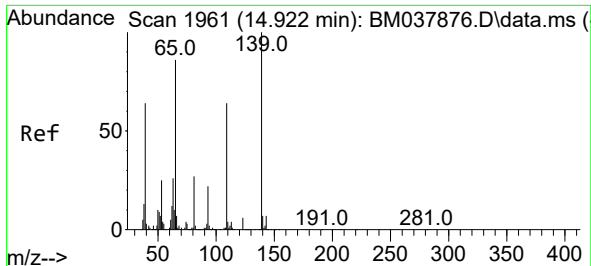
Ion Ratio Lower Upper

184 100

63 65.4 46.2 69.4

154 56.7 45.5 68.3

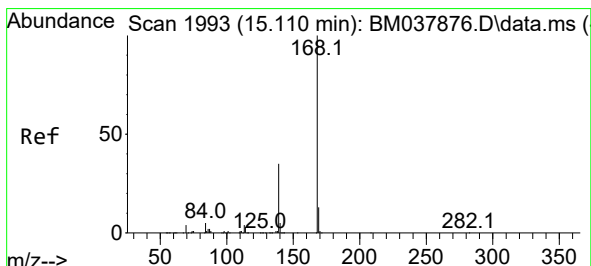
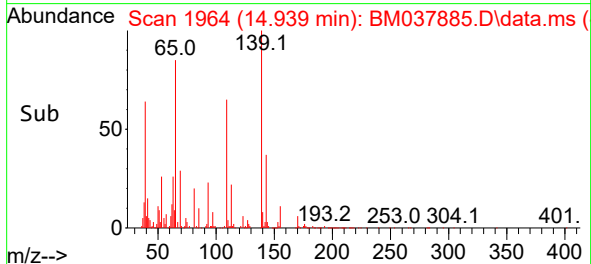
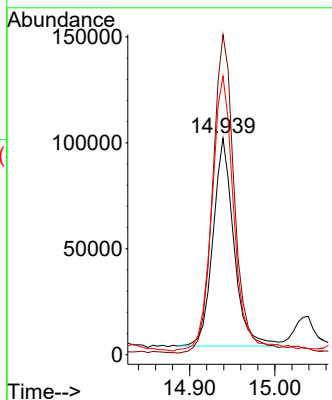
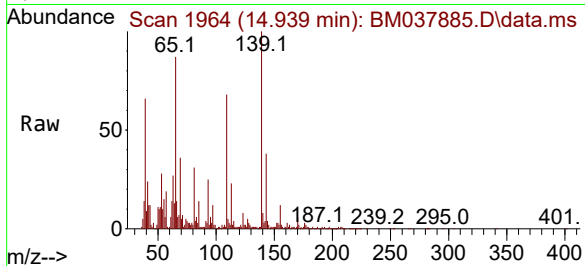




#55
4-Nitrophenol
Concen: 45.152 ng/ul
RT: 14.939 min Scan# 1964
Delta R.T. 0.018 min
Lab File: BM037885.D
Acq: 08 Dec 2022 14:08

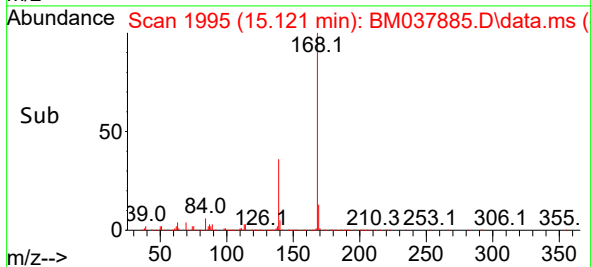
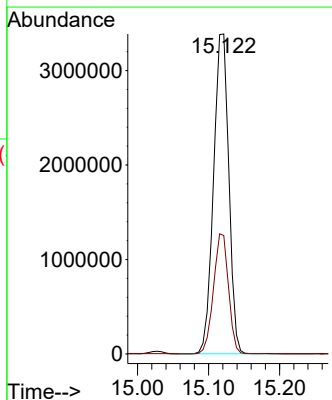
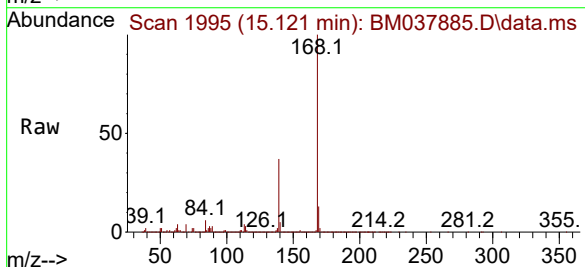
Instrument :
BNA_M
ClientSampleId :

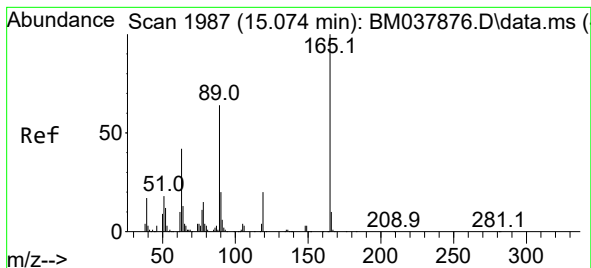
Tgt Ion:109 Resp: 166178
Ion Ratio Lower Upper
109 100
139 147.8 119.2 178.8
65 128.6 108.7 163.1



#56
Dibenzofuran
Concen: 121.360 ng/ul
RT: 15.121 min Scan# 1995
Delta R.T. 0.006 min
Lab File: BM037885.D
Acq: 08 Dec 2022 14:08

Tgt Ion:168 Resp: 5043382
Ion Ratio Lower Upper
168 100
139 37.0 28.1 42.1

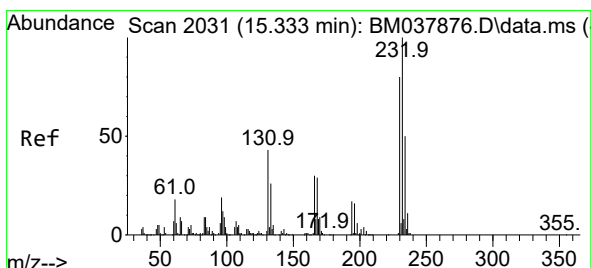
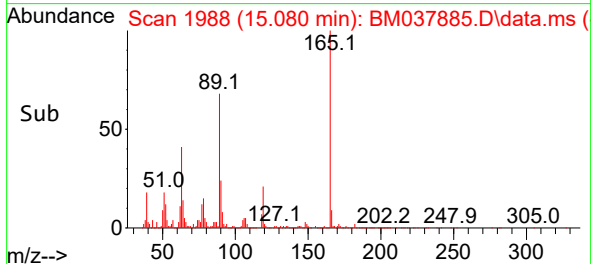
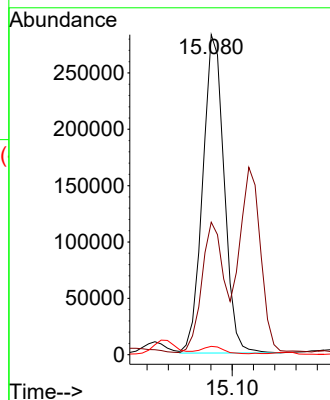
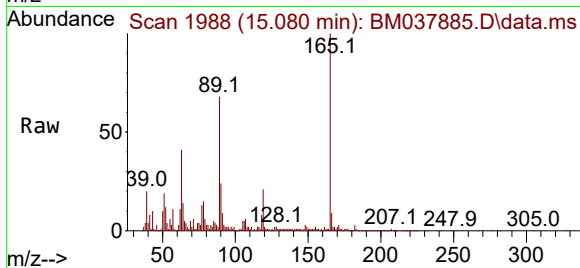




#57
2,4-Dinitrotoluene
Concen: 46.470 ng/ul
RT: 15.080 min Scan# 1988
Delta R.T. 0.006 min
Lab File: BM037885.D
Acq: 08 Dec 2022 14:08

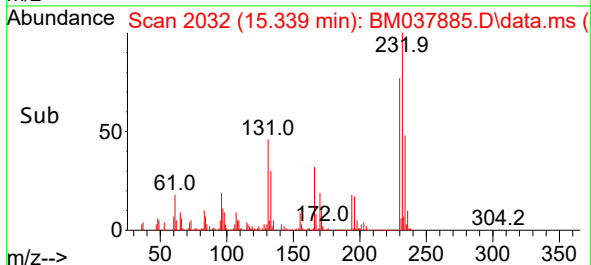
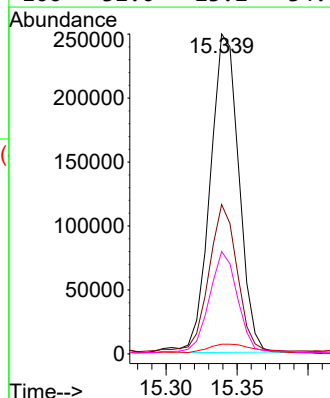
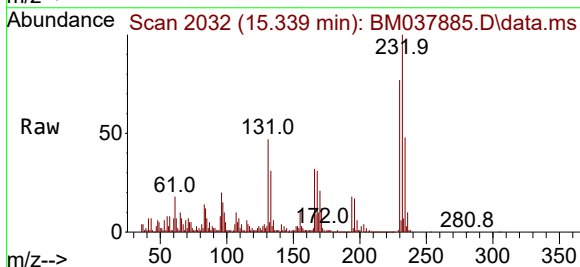
Instrument :
BNA_M
ClientSampleId :

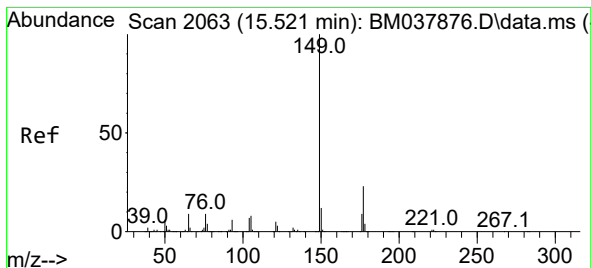
Tgt Ion:165 Resp: 394936
Ion Ratio Lower Upper
165 100
63 41.4 34.9 52.3
182 2.6 2.2 3.2



#58
2,3,4,6-Tetrachlorophenol
Concen: 43.367 ng/ul
RT: 15.339 min Scan# 2032
Delta R.T. 0.000 min
Lab File: BM037885.D
Acq: 08 Dec 2022 14:08

Tgt Ion:232 Resp: 347790
Ion Ratio Lower Upper
232 100
131 46.7 32.8 49.2
130 3.1 2.0 3.0#
166 32.0 23.2 34.8





#59

Diethylphthalate

Concen: 43.447 ng/ul

RT: 15.527 min Scan# 2063

Delta R.T. 0.000 min

Lab File: BM037885.D

Acq: 08 Dec 2022 14:08

Instrument :

BNA_M

ClientSampleId :

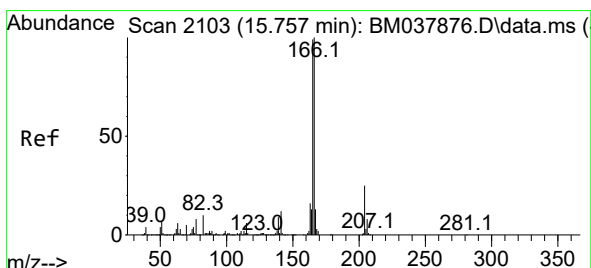
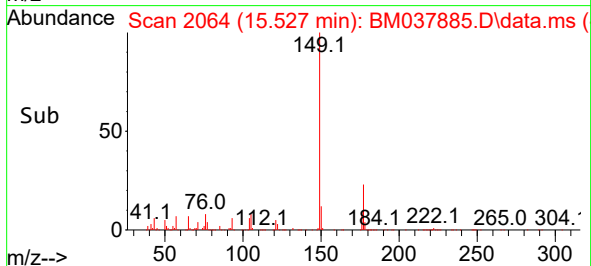
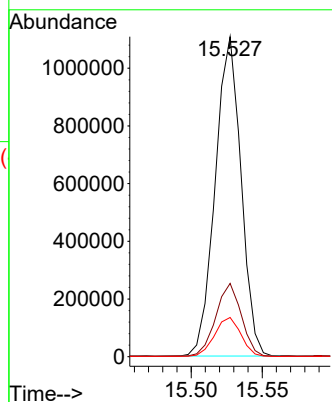
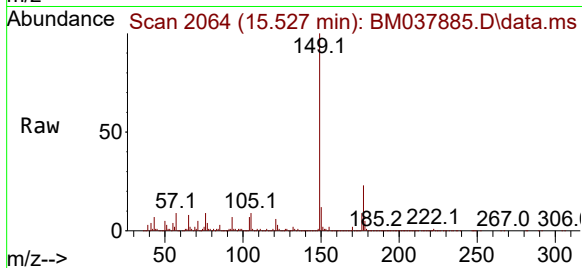
Tgt Ion:149 Resp: 1398368

Ion Ratio Lower Upper

149 100

177 22.9 18.5 27.7

150 12.3 9.5 14.3



#61

Fluorene

Concen: 184.810 ng/ul

RT: 15.769 min Scan# 2105

Delta R.T. 0.006 min

Lab File: BM037885.D

Acq: 08 Dec 2022 14:08

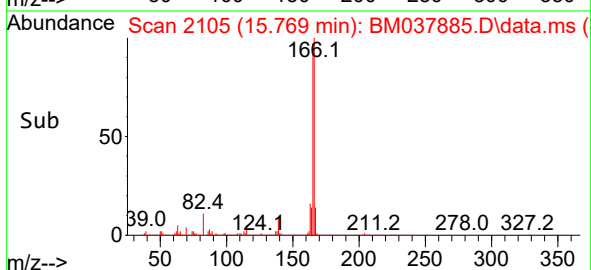
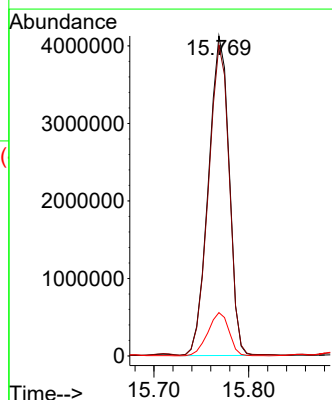
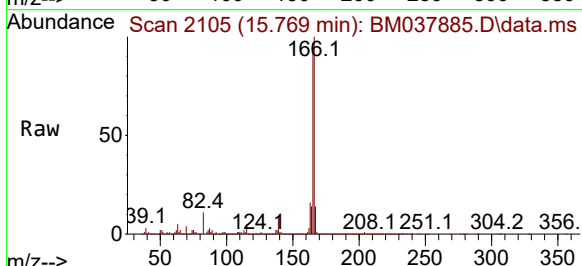
Tgt Ion:166 Resp: 6263381

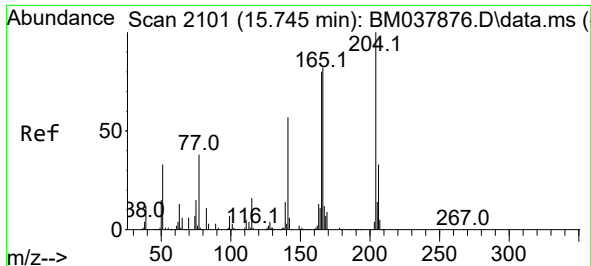
Ion Ratio Lower Upper

166 100

165 97.2 77.2 115.8

167 13.5 10.4 15.6





#62

4-Chlorophenyl-phenylether

Concen: 38.244 ng/ul

RT: 15.751 min Scan# 2101

Delta R.T. 0.000 min

Lab File: BM037885.D

Acq: 08 Dec 2022 14:08

Instrument :

BNA_M

ClientSampleId :

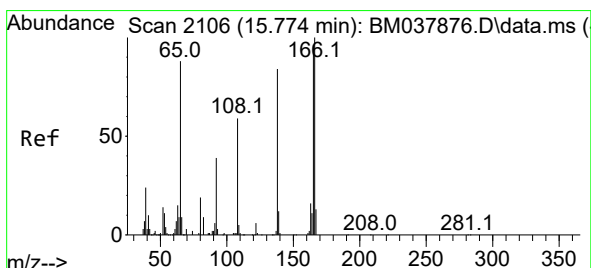
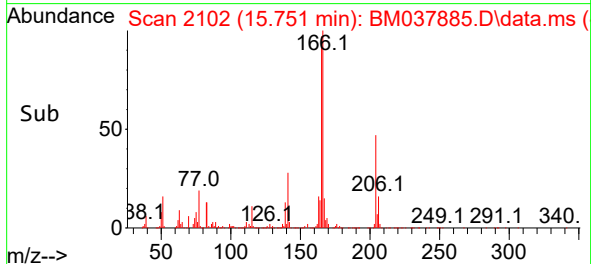
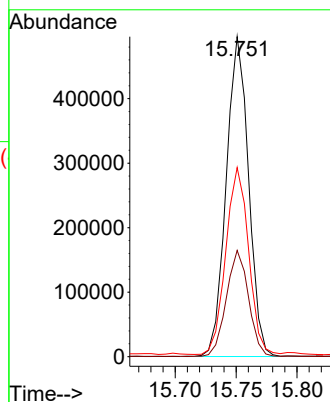
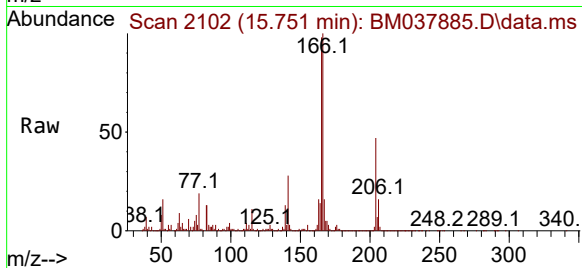
Tgt Ion:204 Resp: 633426

Ion Ratio Lower Upper

204 100

206 33.2 25.5 38.3

141 59.1 42.8 64.2



#63

4-Nitroaniline

Concen: 62.927 ng/ul

RT: 15.786 min Scan# 2108

Delta R.T. 0.006 min

Lab File: BM037885.D

Acq: 08 Dec 2022 14:08

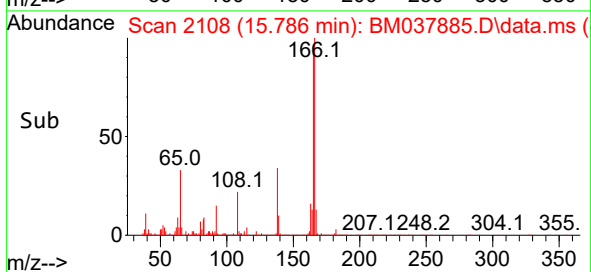
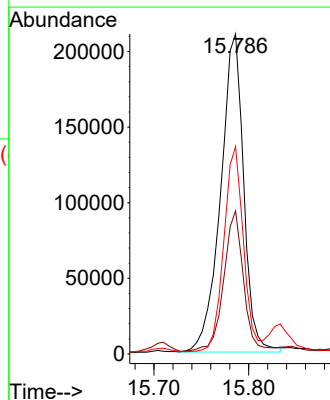
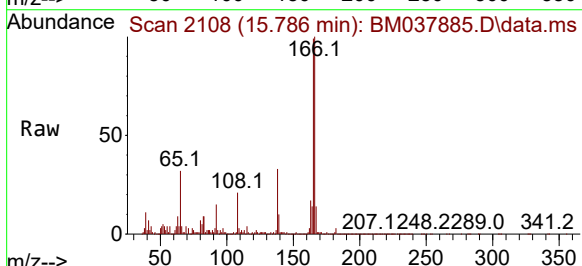
Tgt Ion:138 Resp: 357247

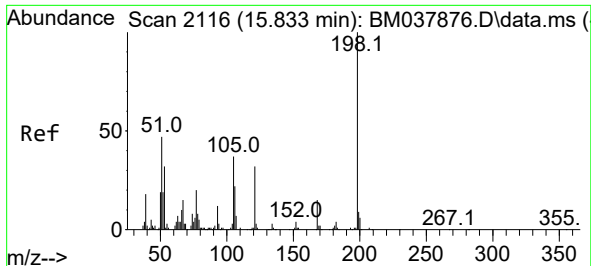
Ion Ratio Lower Upper

138 100

92 44.7 36.1 54.1

108 64.8 51.6 77.4

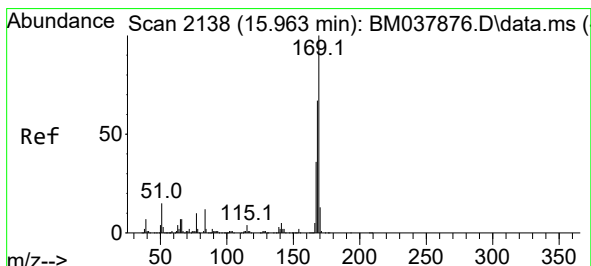
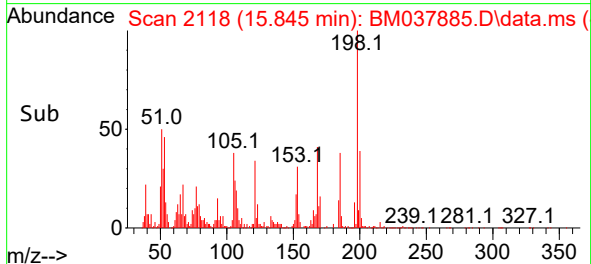
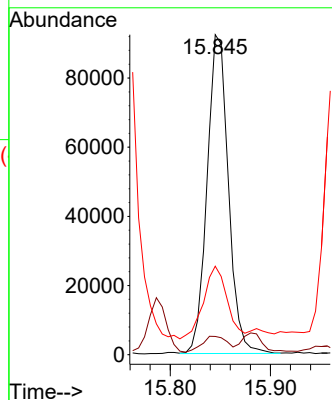
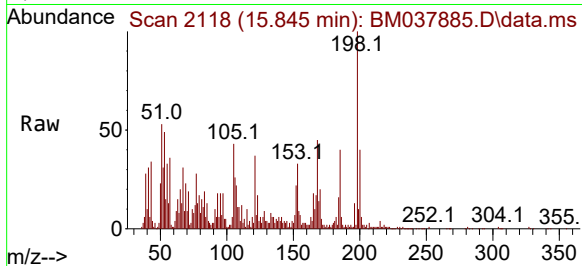




#66
4,6-Dinitro-2-methylphenol
Concen: 31.647 ng/ul
RT: 15.845 min Scan# 2116
Delta R.T. 0.012 min
Lab File: BM037885.D
Acq: 08 Dec 2022 14:08

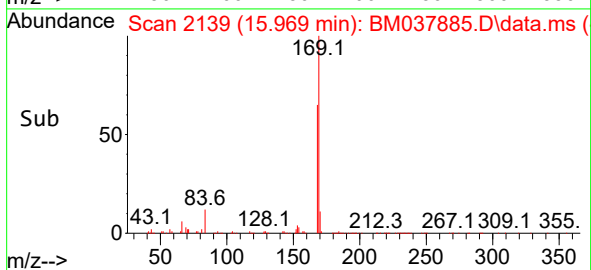
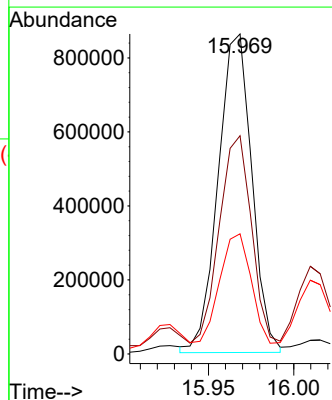
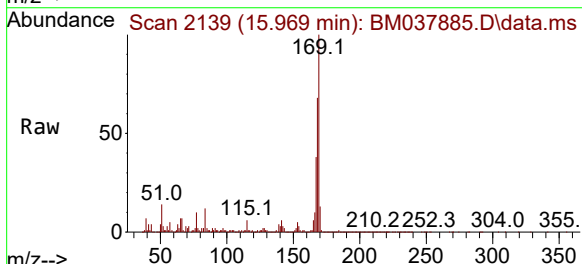
Instrument :
BNA_M
ClientSampleId :

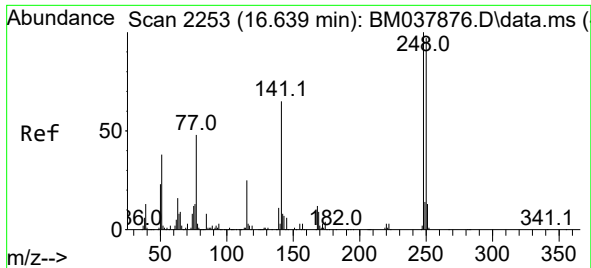
Tgt Ion:198 Resp: 136579
Ion Ratio Lower Upper
198 100
182 5.7 3.8 5.8
77 27.7 19.3 28.9



#67
N-Nitrosodiphenylamine
Concen: 47.138 ng/ul
RT: 15.969 min Scan# 2139
Delta R.T. 0.006 min
Lab File: BM037885.D
Acq: 08 Dec 2022 14:08

Tgt Ion:169 Resp: 1185587
Ion Ratio Lower Upper
169 100
168 68.2 53.8 80.8
167 37.5 29.3 43.9

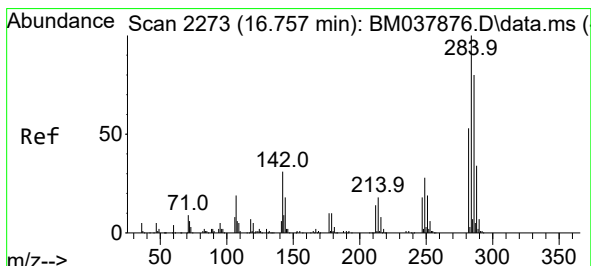
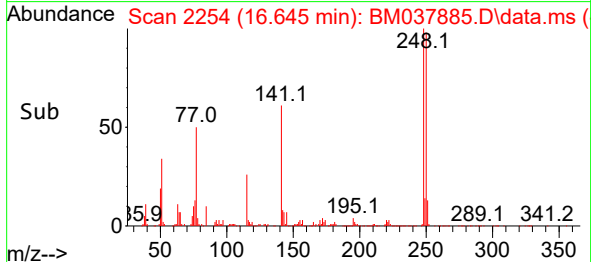
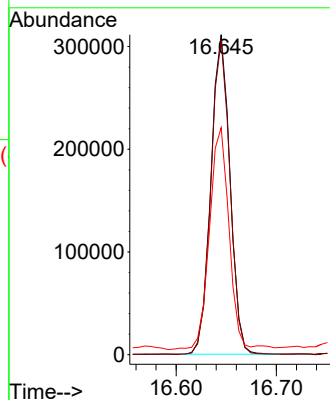
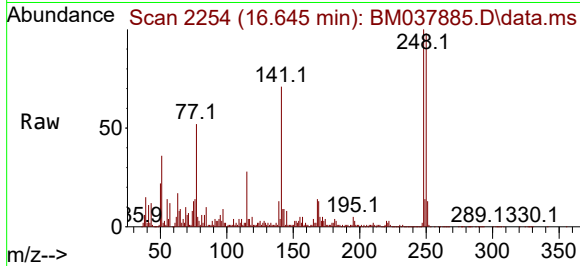




#68
4-Bromophenyl-phenylether
Concen: 45.108 ng/ul
RT: 16.645 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM037885.D
Acq: 08 Dec 2022 14:08

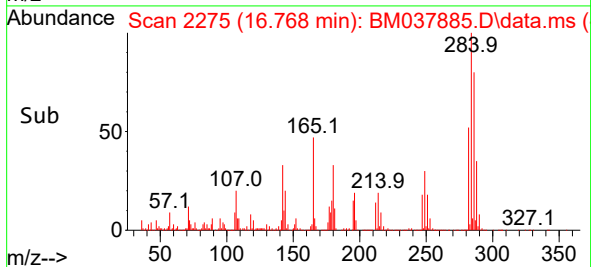
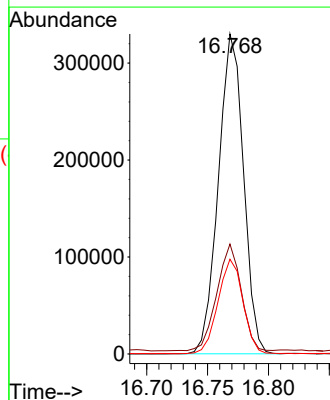
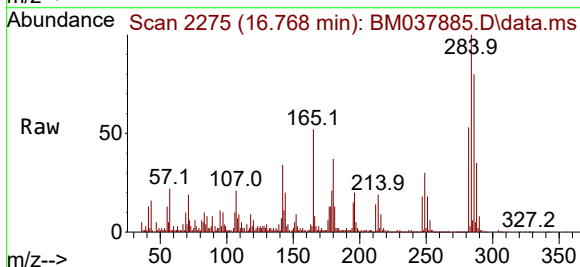
Instrument :
BNA_M
ClientSampleId :

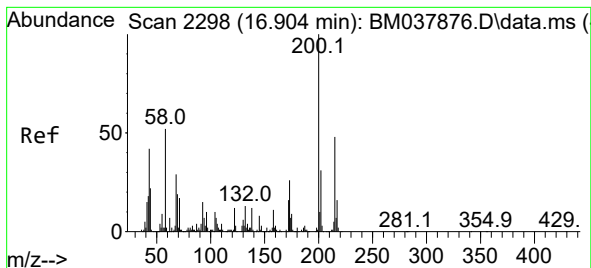
Tgt Ion:248 Resp: 412289
Ion Ratio Lower Upper
248 100
250 98.3 78.7 118.1
141 70.9 52.7 79.1



#69
Hexachlorobenzene
Concen: 43.395 ng/ul
RT: 16.768 min Scan# 2275
Delta R.T. 0.006 min
Lab File: BM037885.D
Acq: 08 Dec 2022 14:08

Tgt Ion:284 Resp: 473449
Ion Ratio Lower Upper
284 100
142 34.4 23.1 34.7
249 29.6 23.3 34.9





#70

Atrazine

Concen: 29.835 ng/ul

RT: 16.921 min Scan# 21

Delta R.T. 0.012 min

Lab File: BM037885.D

Acq: 08 Dec 2022 14:08

Instrument :

BNA_M

ClientSampleId :

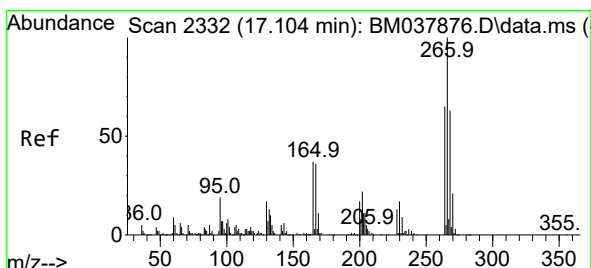
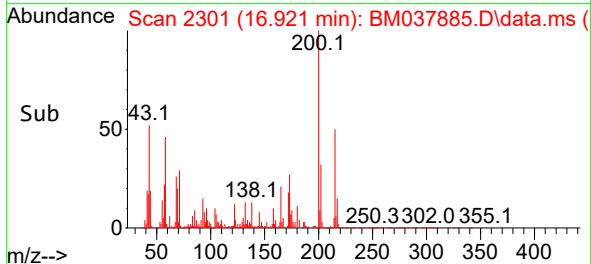
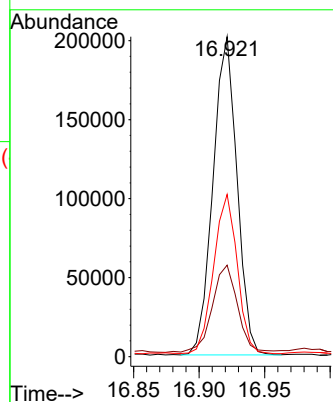
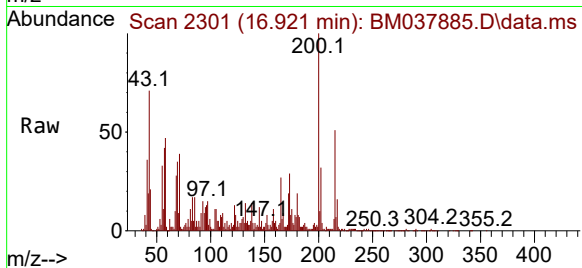
Tgt Ion:200 Resp: 256436

Ion Ratio Lower Upper

200 100

173 28.6 20.5 30.7

215 50.7 40.1 60.1



#71

Pentachlorophenol

Concen: 65.579 ng/ul

RT: 17.121 min Scan# 2335

Delta R.T. 0.018 min

Lab File: BM037885.D

Acq: 08 Dec 2022 14:08

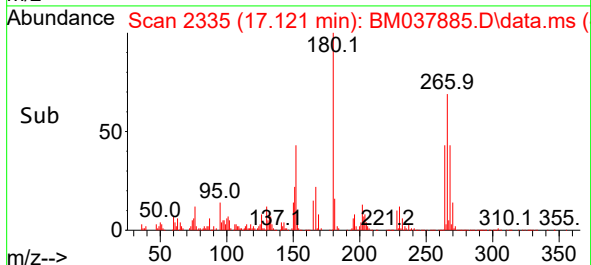
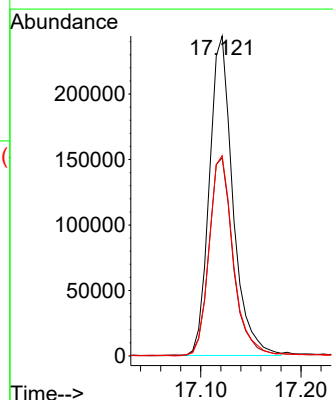
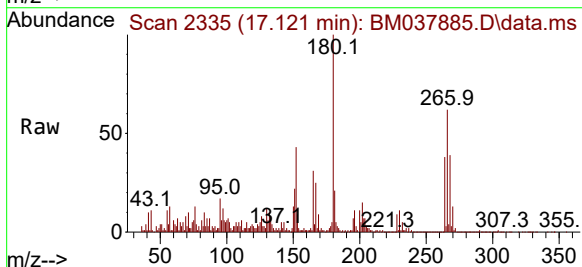
Tgt Ion:266 Resp: 397796

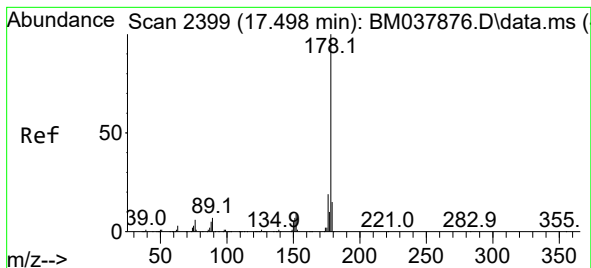
Ion Ratio Lower Upper

266 100

264 61.9 50.1 75.1

268 62.6 50.6 75.8





#72

Phenanthrene

Concen: 359.697 ng/ul

RT: 17.521 min Scan# 2403

Delta R.T. 0.024 min

Lab File: BM037885.D

Acq: 08 Dec 2022 14:08

Instrument :

BNA_M

ClientSampleId :

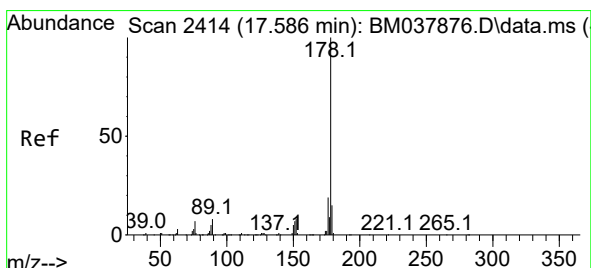
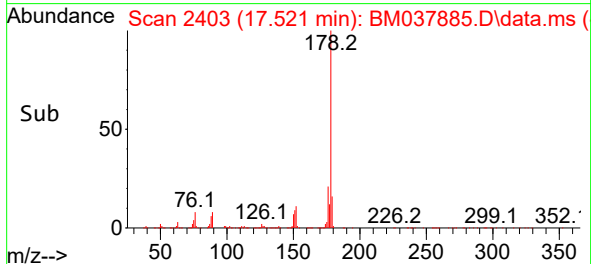
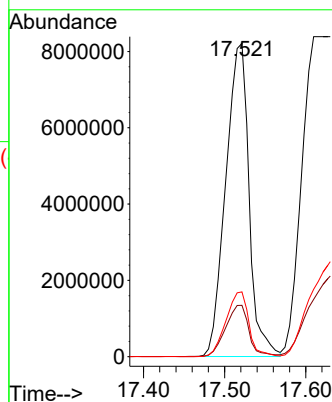
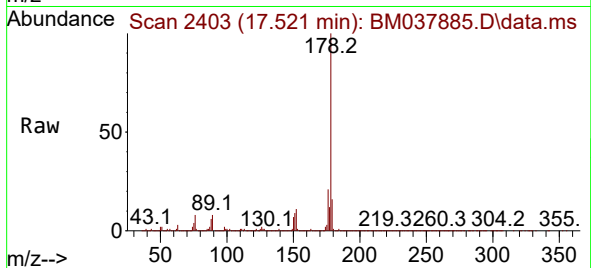
Tgt Ion:178 Resp:16378396

Ion Ratio Lower Upper

178 100

179 16.4 12.2 18.2

176 20.7 15.4 23.0



#74

Anthracene

Concen: 353.945 ng/ul

RT: 17.521 min Scan# 2403

Delta R.T. -0.070 min

Lab File: BM037885.D

Acq: 08 Dec 2022 14:08

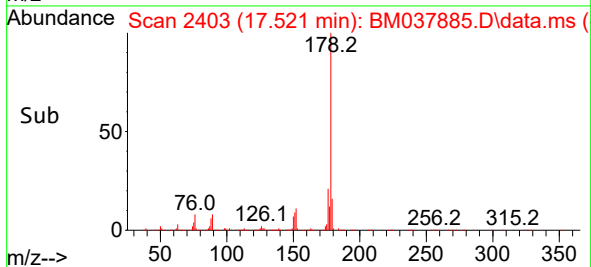
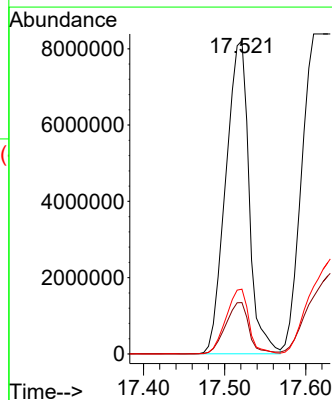
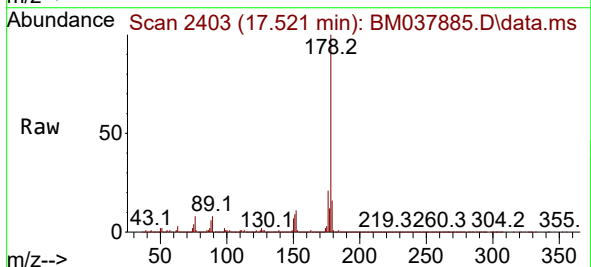
Tgt Ion:178 Resp:16378396

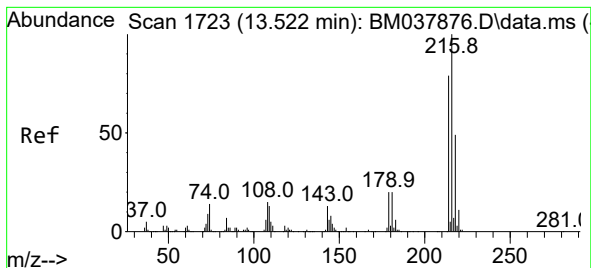
Ion Ratio Lower Upper

178 100

179 16.4 11.8 17.8

176 20.7 15.0 22.6





#75

1,2,3,4-Tetrachlorobenzene

Concen: 47.597 ng/uL

RT: 13.527 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM037885.D

Acq: 08 Dec 2022 14:08

Instrument :

BNA_M

ClientSampleId :

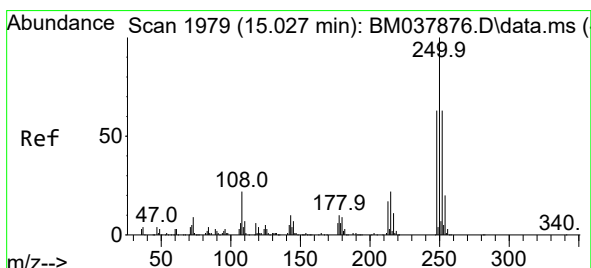
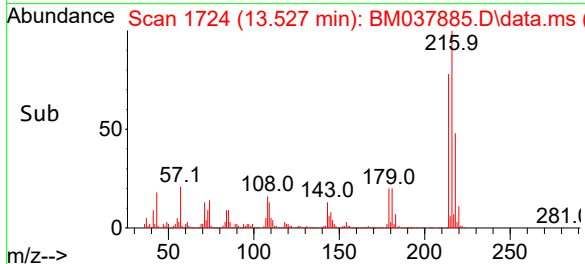
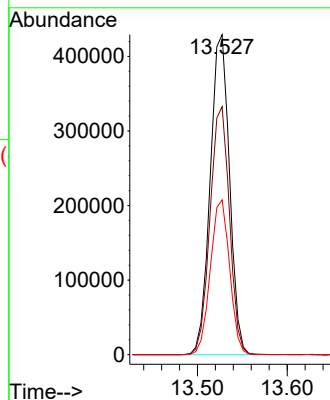
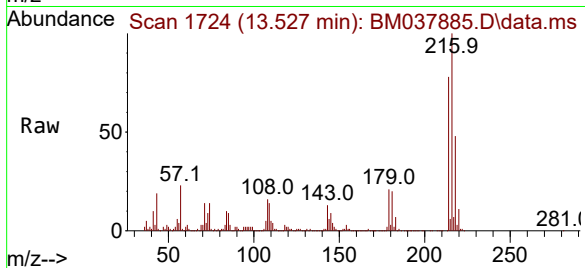
Tgt Ion:216 Resp: 641597

Ion Ratio Lower Upper

216 100

214 77.5 62.6 93.8

218 48.4 38.3 57.5



#76

Pentachlorobenzene

Concen: 43.770 ng/uL

RT: 15.039 min Scan# 1981

Delta R.T. 0.006 min

Lab File: BM037885.D

Acq: 08 Dec 2022 14:08

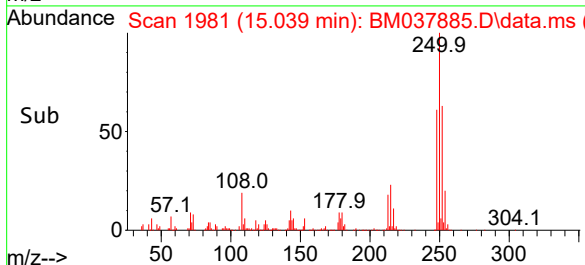
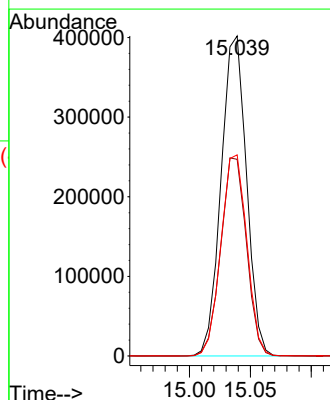
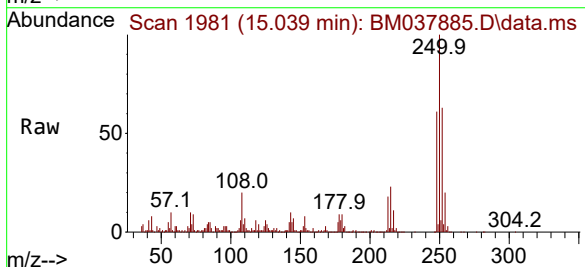
Tgt Ion:250 Resp: 584457

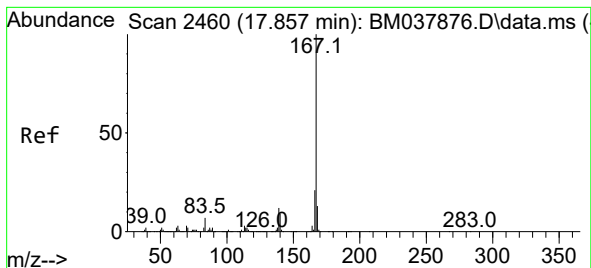
Ion Ratio Lower Upper

250 100

248 61.4 51.0 76.4

252 62.8 51.8 77.6





#77

Carbazole

Concen: 357.471 ng/ul

RT: 17.886 min Scan# 2465

Delta R.T. 0.030 min

Lab File: BM037885.D

Acq: 08 Dec 2022 14:08

Instrument :

BNA_M

ClientSampleId :

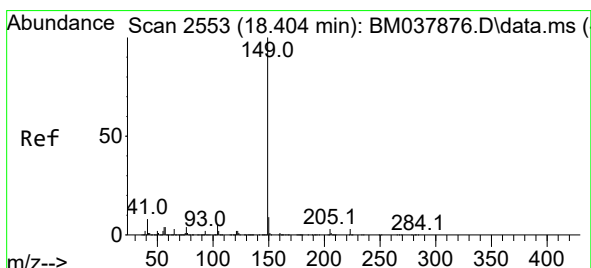
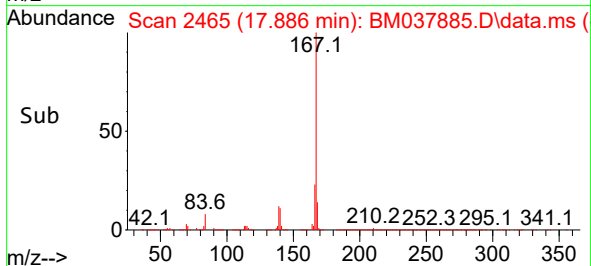
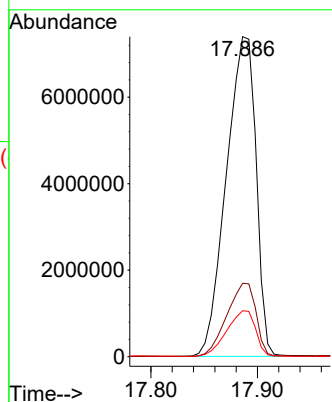
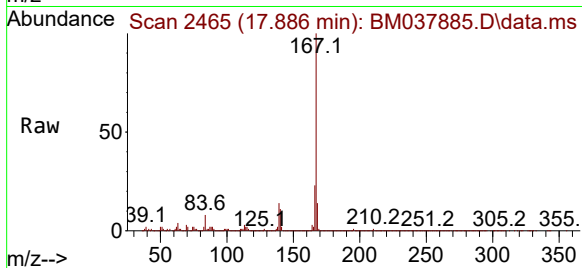
Tgt Ion:167 Resp:14331270

Ion Ratio Lower Upper

167 100

166 23.0 16.7 25.1

139 14.4 9.8 14.6



#78

Di-n-butylphthalate

Concen: 48.889 ng/ul

RT: 18.415 min Scan# 2555

Delta R.T. 0.006 min

Lab File: BM037885.D

Acq: 08 Dec 2022 14:08

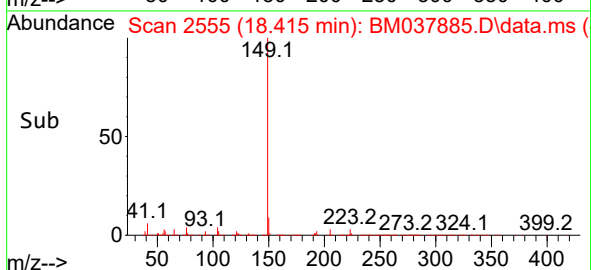
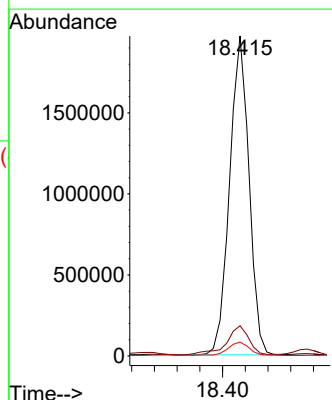
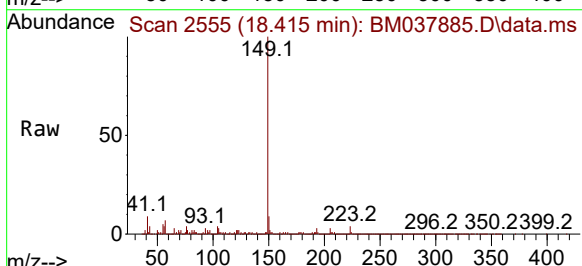
Tgt Ion:149 Resp: 2329734

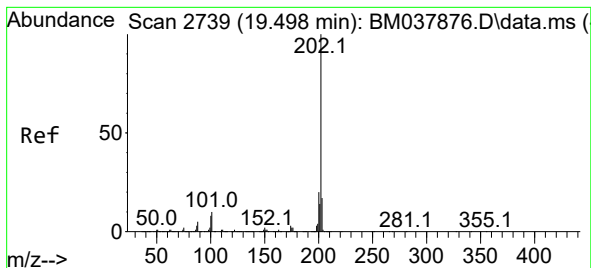
Ion Ratio Lower Upper

149 100

150 9.5 7.3 10.9

104 4.3 3.4 5.2





#80

Fluoranthene

Concen: 9.893 ng/ul

RT: 19.668 min Scan# 21

Delta R.T. 0.165 min

Lab File: BM037885.D

Acq: 08 Dec 2022 14:08

Instrument :

BNA_M

ClientSampleId :

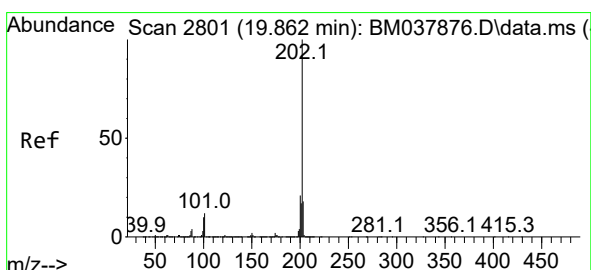
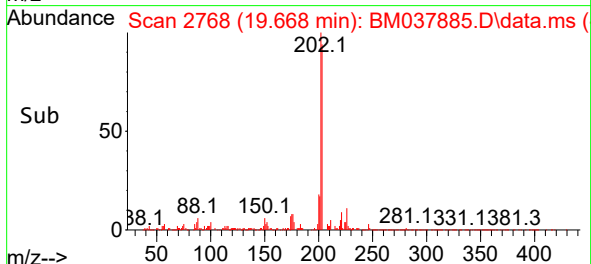
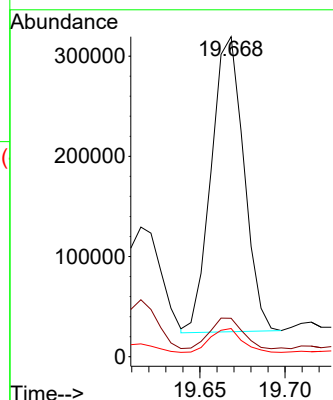
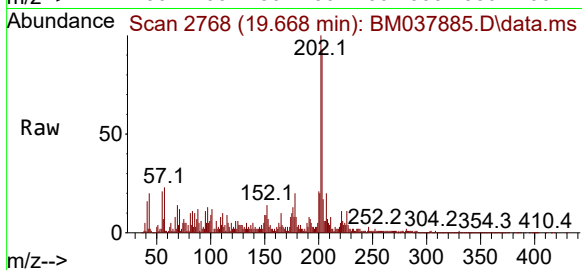
Tgt Ion:202 Resp: 392636

Ion Ratio Lower Upper

202 100

101 12.0 8.6 13.0

100 8.8 6.6 10.0



#82

Pyrene

Concen: 4.178 ng/ul

RT: 19.786 min Scan# 2788

Delta R.T. -0.082 min

Lab File: BM037885.D

Acq: 08 Dec 2022 14:08

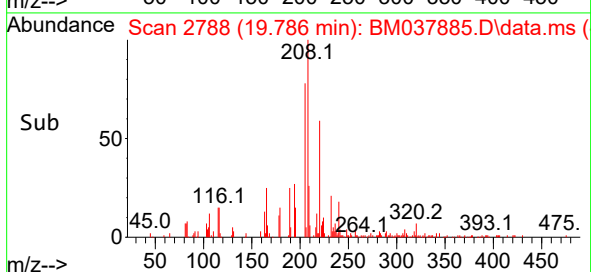
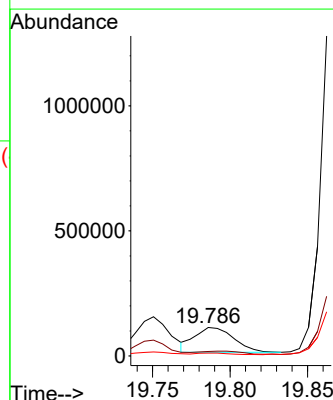
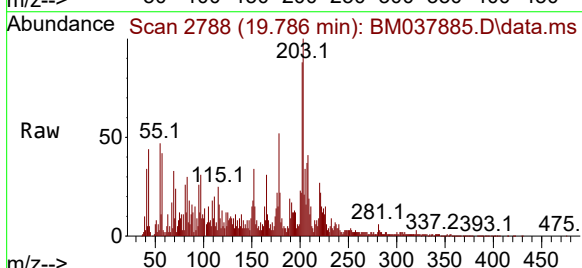
Tgt Ion:202 Resp: 172588

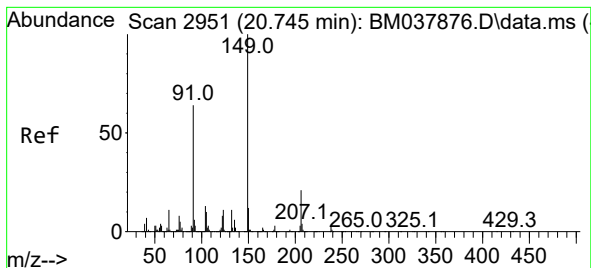
Ion Ratio Lower Upper

202 100

101 15.9 10.0 15.0#

100 9.8 7.9 11.9





#83

Butylbenzylphthalate

Concen: 65.304 ng/ul

RT: 20.756 min Scan# 2951

Delta R.T. 0.012 min

Lab File: BM037885.D

Acq: 08 Dec 2022 14:08

Instrument :

BNA_M

ClientSampleId :

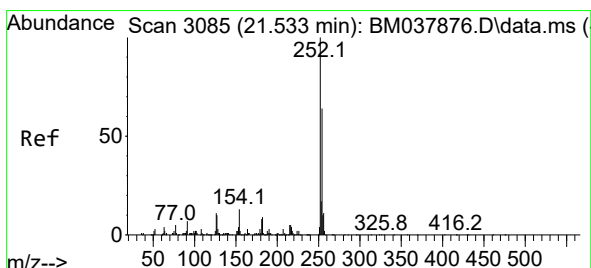
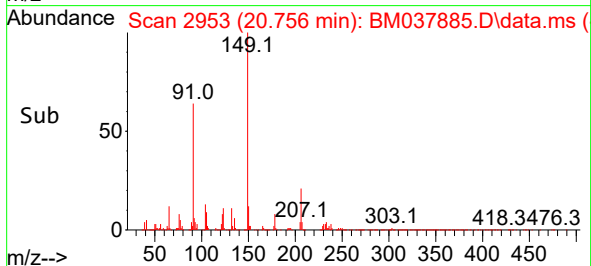
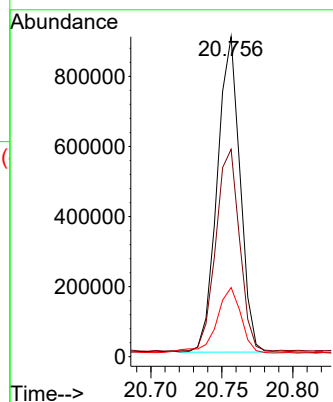
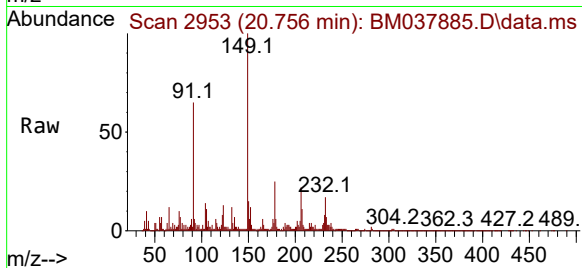
Tgt Ion:149 Resp: 1003018

Ion Ratio Lower Upper

149 100

91 64.8 54.5 81.7

206 21.6 15.8 23.8



#84

3,3'-Dichlorobenzidine

Concen: 52.292 ng/ul

RT: 21.556 min Scan# 3089

Delta R.T. 0.018 min

Lab File: BM037885.D

Acq: 08 Dec 2022 14:08

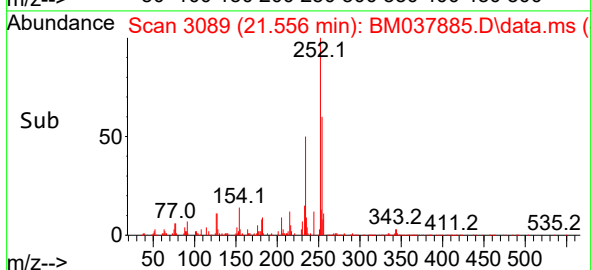
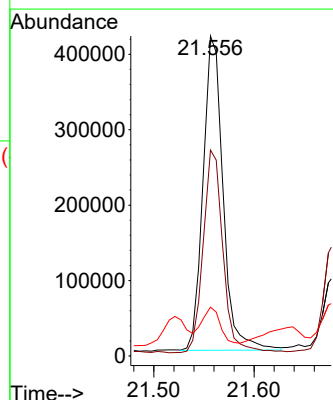
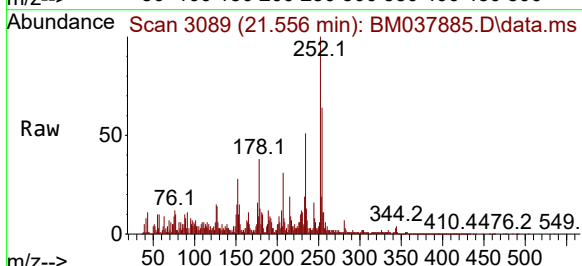
Tgt Ion:252 Resp: 579287

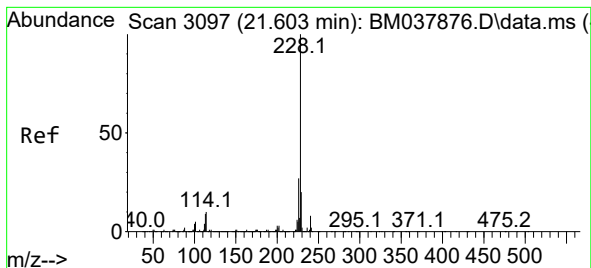
Ion Ratio Lower Upper

252 100

254 64.3 53.2 79.8

126 15.3 7.8 11.8#





#85

Benzo(a)anthracene

Concen: 348.232 ng/ul

RT: 21.633 min Scan# 3102

Delta R.T. 0.024 min

Lab File: BM037885.D

Acq: 08 Dec 2022 14:08

Instrument :

BNA_M

ClientSampleId :

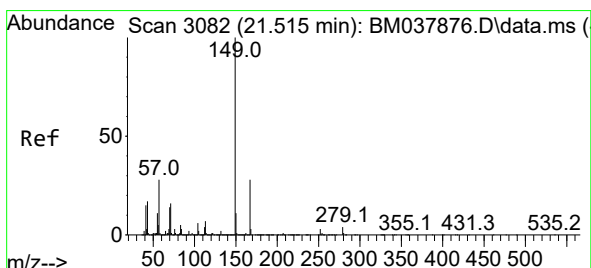
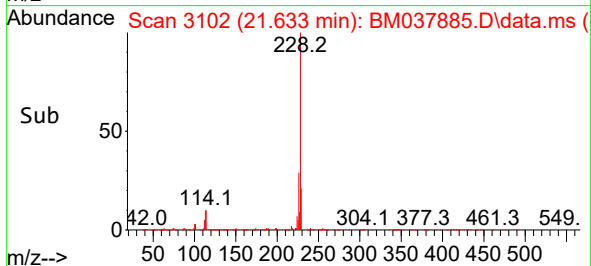
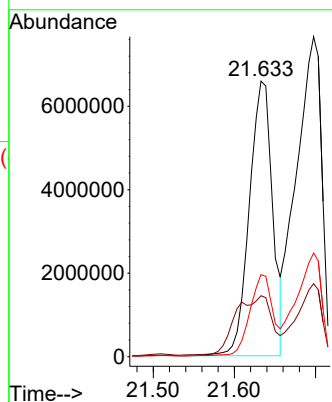
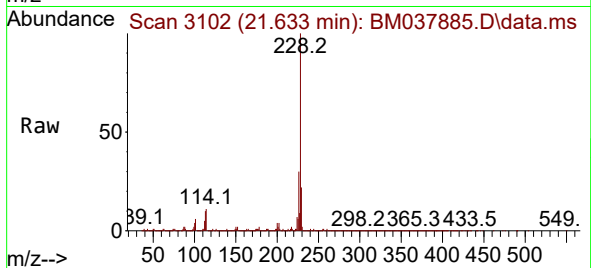
Tgt Ion:228 Resp:13124832

Ion Ratio Lower Upper

228 100

229 22.2 15.5 23.3

226 29.8 21.8 32.8



#86

Bis(2-ethylhexyl)phthalate

Concen: 65.499 ng/ul

RT: 21.527 min Scan# 3084

Delta R.T. 0.012 min

Lab File: BM037885.D

Acq: 08 Dec 2022 14:08

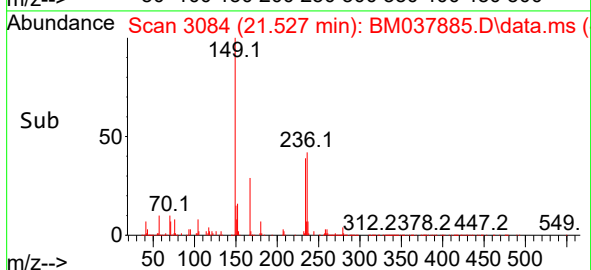
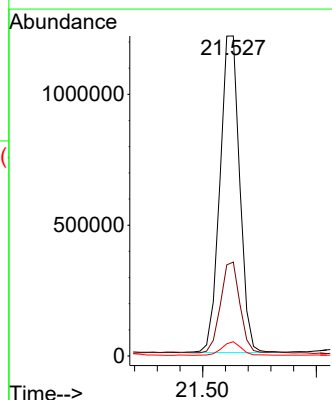
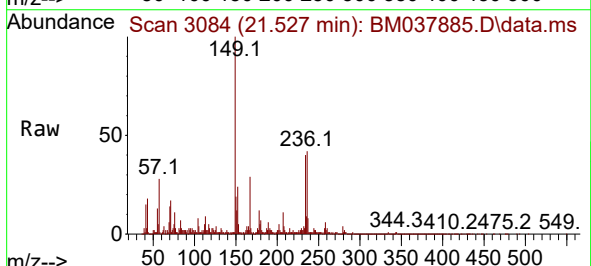
Tgt Ion:149 Resp: 1463540

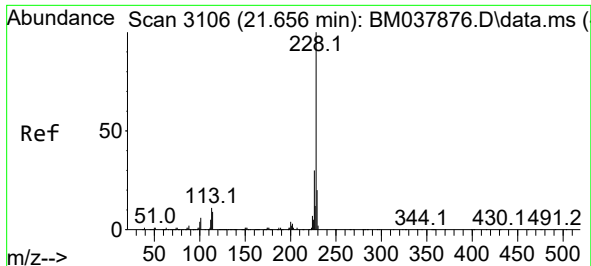
Ion Ratio Lower Upper

149 100

167 29.4 21.5 32.3

279 4.4 3.2 4.8





#87

Chrysene

Concen: 467.919 ng/ul

RT: 21.698 min Scan# 3113

Delta R.T. 0.035 min

Lab File: BM037885.D

Acq: 08 Dec 2022 14:08

Instrument :

BNA_M

ClientSampleId :

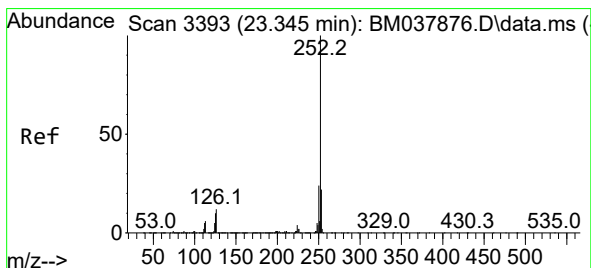
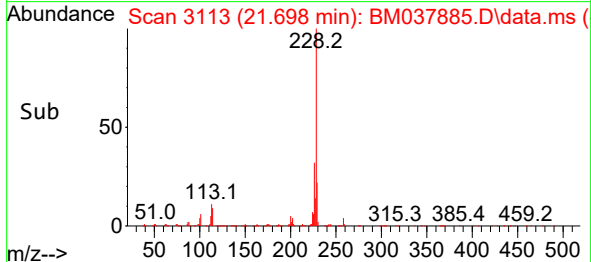
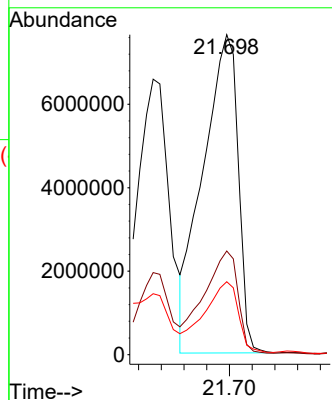
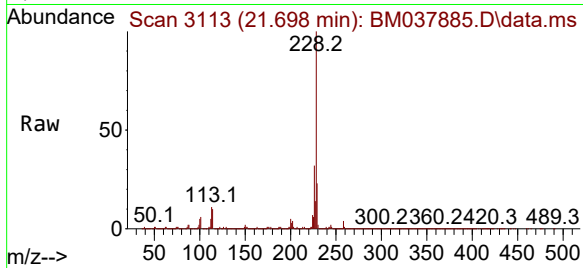
Tgt Ion:228 Resp:16546749

Ion Ratio Lower Upper

228 100

226 32.4 24.3 36.5

229 22.8 15.6 23.4



#90

Benzo(b)fluoranthene

Concen: 1.207 ng/ul

RT: 23.292 min Scan# 3384

Delta R.T. -0.053 min

Lab File: BM037885.D

Acq: 08 Dec 2022 14:08

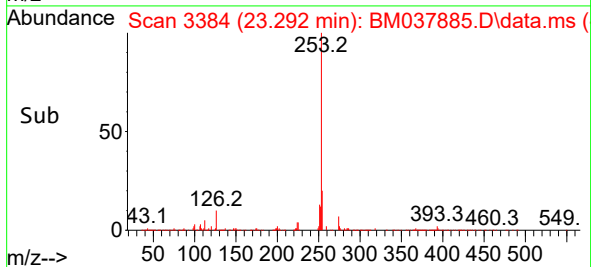
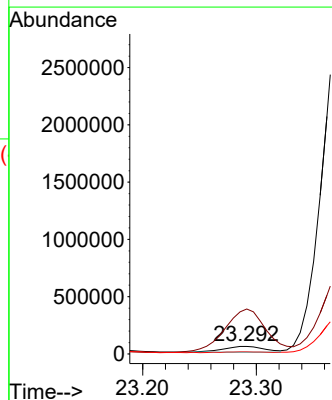
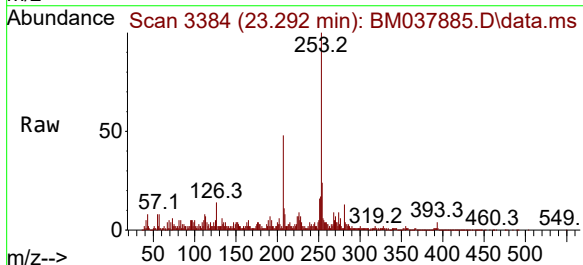
Tgt Ion:252 Resp: 128160

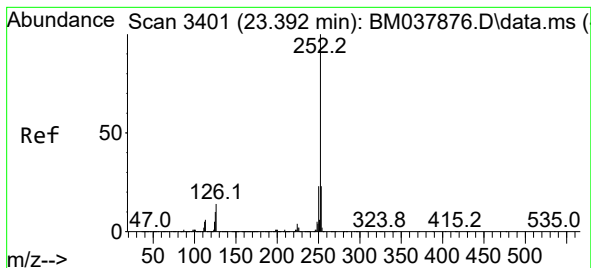
Ion Ratio Lower Upper

252 100

253 594.5 17.6 26.4#

125 28.0 8.0 12.0#





#91

Benzo(k)fluoranthene

Concen: 211.095 ng/ul

RT: 23.409 min Scan# 3401

Delta R.T. 0.012 min

Lab File: BM037885.D

Acq: 08 Dec 2022 14:08

Instrument :

BNA_M

ClientSampleId :

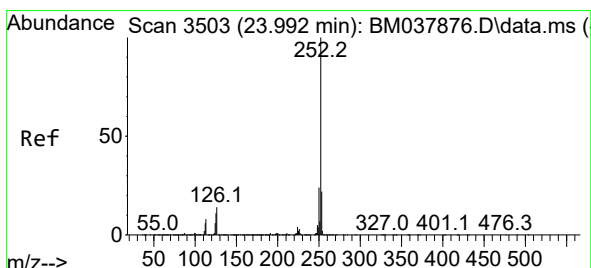
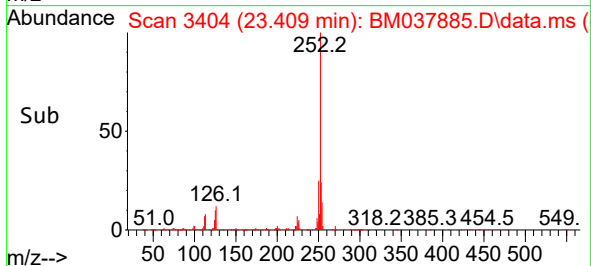
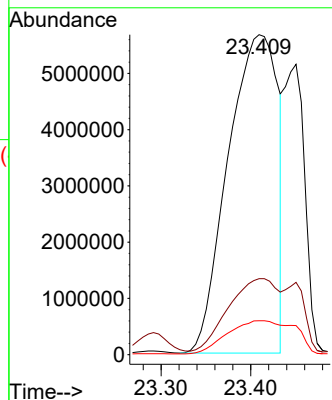
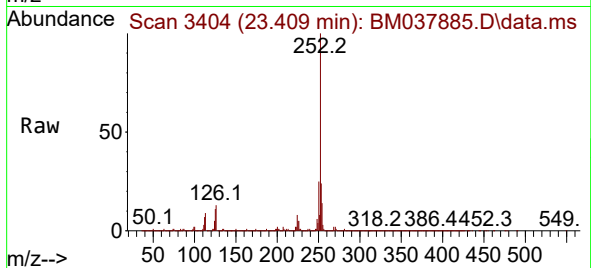
Tgt Ion:252 Resp:21730693

Ion Ratio Lower Upper

252 100

253 23.8 17.4 26.2

125 10.6 8.1 12.1



#93

Benzo(a)pyrene

Concen: 110.385 ng/ul

RT: 23.939 min Scan# 3494

Delta R.T. -0.059 min

Lab File: BM037885.D

Acq: 08 Dec 2022 14:08

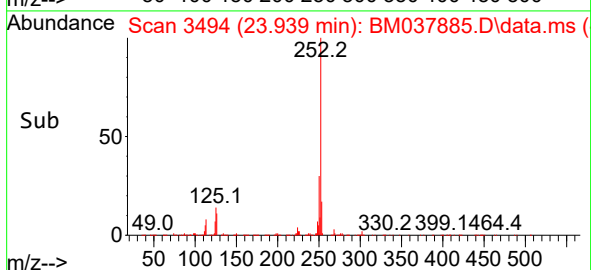
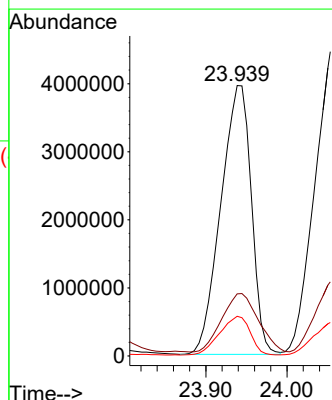
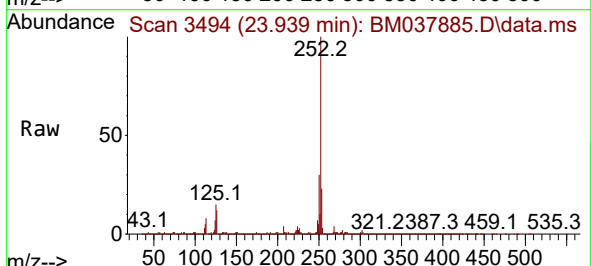
Tgt Ion:252 Resp:10310680

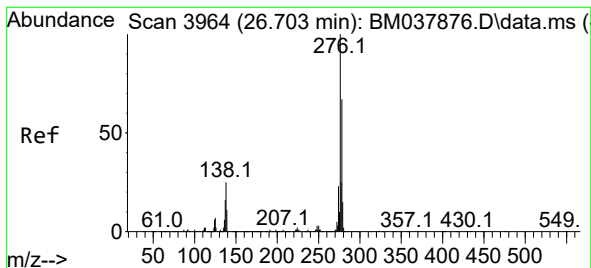
Ion Ratio Lower Upper

252 100

253 23.0 17.4 26.0

125 14.7 9.4 14.0#





#94

Indeno(1,2,3-cd)pyrene

Concen: 1.223 ng/ul

RT: 26.550 min Scan# 3938

Delta R.T. -0.159 min

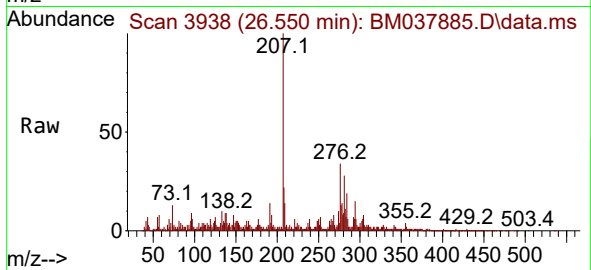
Lab File: BM037885.D

Acq: 08 Dec 2022 14:08

Instrument :

BNA_M

ClientSampleId :



Tgt Ion:276 Resp: 147162

Ion Ratio Lower Upper

276 100

138 26.1 19.3 28.9

277 37.1 19.8 29.8#

