

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120822\
 Data File : BM037884.D
 Acq On : 08 Dec 2022 13:31
 Operator : CG/JU
 Sample : N5832-13MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Dec 08 22:38:05 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	264174	20.000	ng/u1	0.00
20) Naphthalene-d8	10.910	136	1036637	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.721	164	521720	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.462	188	878061	20.000	ng/u1	0.00
79) Chrysene-d12	21.650	240	553154	20.000	ng/u1	# 0.02
88) Perylene-d12	23.991	264	1669471	20.000	ng/u1	-0.12

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.428	96	31381	5.394	ng/uL	0.00
4) Pyridine-d5	3.863	84	419207	24.288	ng/u1	0.00
7) Phenol-d5	7.245	99	795526	37.058	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.410	67	448440	34.306	ng/u1	0.00
11) 2-Chlorophenol-d4	7.616	132	654910	37.190	ng/u1	0.00
15) 4-Methylphenol-d8	8.804	113	621770	37.105	ng/u1	0.00
21) Nitrobenzene-d5	9.263	128	329247	40.115	ng/u1	0.00
24) 2-Nitrophenol-d4	9.986	143	356084	41.399	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.528	165	640798	39.223	ng/u1	0.00
31) 4-Chloroaniline-d4	11.045	131	502976	22.303	ng/u1	0.00
46) Dimethylphthalate-d6	14.127	166	1507775	40.537	ng/u1	0.00
49) Acenaphthylene-d8	14.416	160	1803291	39.668	ng/u1	0.00
54) 4-Nitrophenol-d4	14.927	143	229636	36.226	ng/u1	0.02
60) Fluorene-d10	15.710	176	1260809	38.047	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.833	200	125666	26.769	ng/u1	0.01
73) Anthracene-d10	17.586	188	1305753	31.863	ng/u1	0.03
81) Pyrene-d10	19.856	212	1446197	43.523	ng/u1	0.02
92) Benzo(a)pyrene-d12	23.991	264	1400760	16.798	ng/u1	0.05

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.463	88	75807	12.421	ng/uL	96
5) Pyridine	3.881	79	483102	27.852	ng/u1	96
6) Benzaldehyde	7.222	77	420633	52.389	ng/u1	99
8) Phenol	7.275	94	903296	41.955	ng/u1	97
10) Bis(2-Chloroethyl)ether	7.504	93	679065	38.410	ng/u1	97
12) 2-Chlorophenol	7.651	128	750130	41.650	ng/u1	99
13) 2-Methylphenol	8.534	108	694802	42.171	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.622	45	1176329	36.848	ng/u1	99
16) Acetophenone	8.922	105	1093550	41.494	ng/u1	96
17) N-Nitroso-di-n-propyla...	8.910	70	503764	40.577	ng/u1	95
18) 4-Methylphenol	8.869	108	764853	42.913	ng/u1	99
19) Hexachloroethane	9.175	117	293476	40.760	ng/u1	93
22) Nitrobenzene	9.304	77	742278	42.031	ng/u1	97
23) Isophorone	9.839	82	1426616	44.083	ng/u1	98
25) 2-Nitrophenol	10.022	139	411944	45.683	ng/u1	100
26) 2,4-Dimethylphenol	10.075	107	782623	44.880	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.316	93	886831	41.224	ng/u1	99
29) 2,4-Dichlorophenol	10.557	162	688544	42.956	ng/u1	99
30) Naphthalene	10.963	128	4614340	82.484	ng/u1	99
32) 4-Chloroaniline	11.075	127	644629	28.665	ng/u1	97
33) Hexachlorobutadiene	11.239	225	438222	41.559	ng/u1	98
34) Caprolactam	11.875	113	187452	45.590	ng/u1	85
35) 4-Chloro-3-methylphenol	12.186	107	640586	43.905	ng/u1	95
36) 2-Methylnaphthalene	12.563	142	2852003	78.602	ng/u1	98

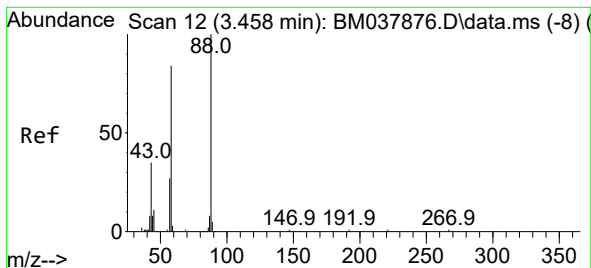
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.780	142	1716762	46.272	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.922	216	765913	44.930	ng/ul	98
40) Hexachlorocyclopentadiene	12.898	237	144746	14.843	ng/ul	99
41) 2,4,6-Trichlorophenol	13.163	196	494458	47.620	ng/ul	96
42) 2,4,5-Trichlorophenol	13.233	196	515054	47.562	ng/ul	99
43) 1,1'-Biphenyl	13.557	154	2356156	56.184	ng/ul	99
44) 2-Chloronaphthalene	13.604	162	1442657	44.594	ng/ul	98
45) 2-Nitroaniline	13.810	65	373326	47.893	ng/ul	92
47) Dimethylphthalate	14.174	163	1655137	45.102	ng/ul	99
48) 2,6-Dinitrotoluene	14.298	165	338353	47.467	ng/ul	99
50) Acenaphthylene	14.445	152	3728168	74.584	ng/ul	98
51) 3-Nitroaniline	14.627	138	345774	48.619	ng/ul	99
52) Acenaphthene	14.786	153	3191093	92.297	ng/ul	100
53) 2,4-Dinitrophenol	14.833	184	103805	29.677	ng/ul	97
55) 4-Nitrophenol	14.939	109	173426	41.485	ng/ul	97
56) Dibenzofuran	15.121	168	5637066	119.421	ng/ul	96
57) 2,4-Dinitrotoluene	15.080	165	432700	44.824	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.339	232	387889	42.582	ng/ul	94
59) Diethylphthalate	15.527	149	1572630	43.017	ng/ul	98
61) Fluorene	15.768	166	6813503	176.995	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.751	204	715772	38.047	ng/ul	94
63) 4-Nitroaniline	15.786	138	369758	57.340	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.851	198	152797	33.621	ng/ul	97
67) N-Nitrosodiphenylamine	15.968	169	1304100	49.236	ng/ul	98
68) 4-Bromophenyl-phenylether	16.645	248	449500	46.700	ng/ul	96
69) Hexachlorobenzene	16.768	284	497123	43.268	ng/ul	94
70) Atrazine	16.921	200	274563	30.334	ng/ul	98
71) Pentachlorophenol	17.121	266	407070	63.725	ng/ul	99
72) Phenanthrene	17.521	178	16845585	351.309	ng/ul	97
74) Anthracene	17.521	178	16845585	345.691	ng/ul	96
75) 1,2,3,4-Tetrachloroben...	13.527	216	740256	52.148	ng/uL	99
76) Pentachlorobenzene	15.039	250	650841	46.285	ng/uL	99
77) Carbazole	17.892	167	14413974	341.411	ng/ul	95
78) Di-n-butylphthalate	18.415	149	2430910	48.441	ng/ul	99
80) Fluoranthene	19.527	202	4035290	102.901	ng/ul	95
82) Pyrene	19.792	202	169317	4.149	ng/ul#	90
83) Butylbenzylphthalate	20.756	149	983007	64.773	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.556	252	570419	52.113	ng/ul#	96
85) Benzo(a)anthracene	21.633	228	12886048	346.024	ng/ul	95
86) Bis(2-ethylhexyl)phtha...	21.521	149	1414718	64.079	ng/ul	98
87) Chrysene	21.697	228	16233434	464.601	ng/ul	95
90) Benzo(b)fluoranthene	23.291	252	130129	1.257	ng/ul#	1
91) Benzo(k)fluoranthene	23.403	252	21632398	215.660	ng/ul	96
93) Benzo(a)pyrene	23.944	252	10123228	111.225	ng/ul#	95
94) Indeno(1,2,3-cd)pyrene	26.550	276	151264	1.290	ng/ul#	83

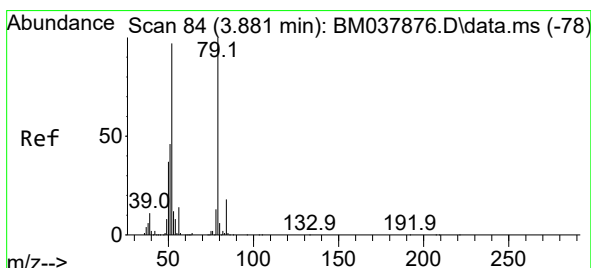
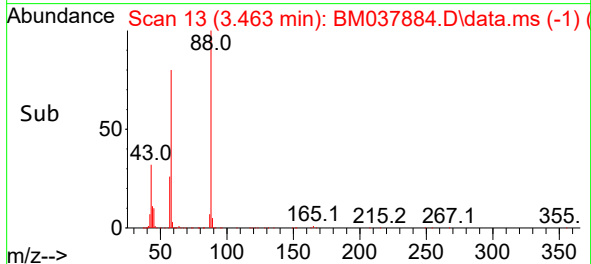
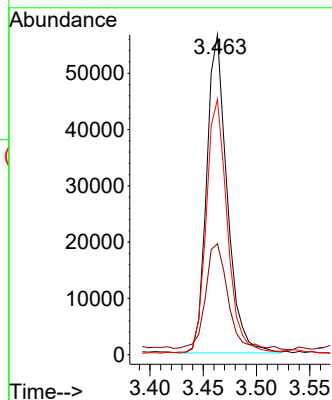
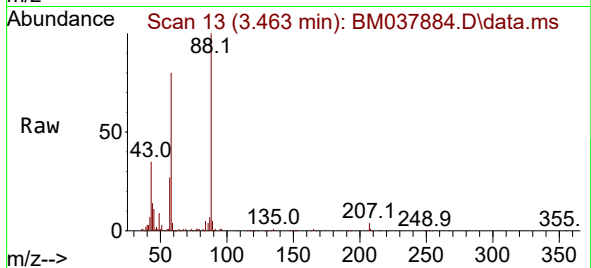
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#2
1,4-Dioxane
Concen: 12.421 ng/uL
RT: 3.463 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM037884.D
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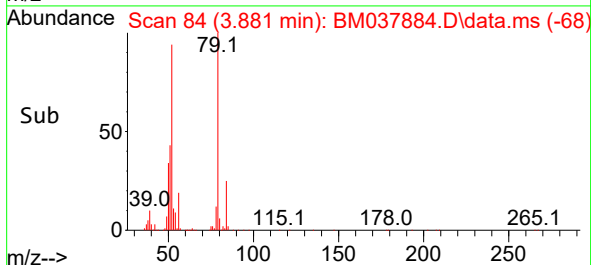
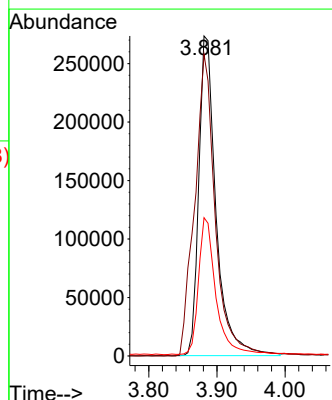
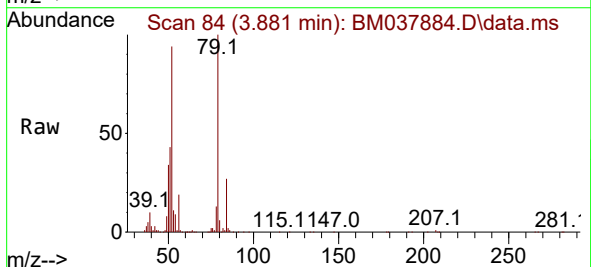
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BNA_M
ClientSampleId :

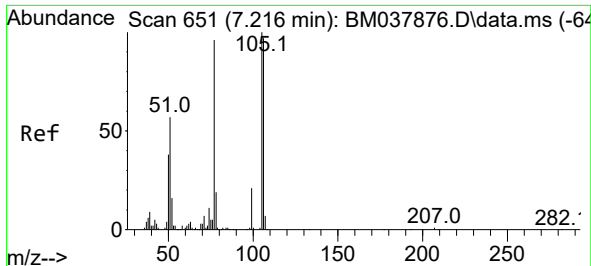
Tgt Ion: 88 Resp: 75807
Ion Ratio Lower Upper
88 100
43 34.7 32.8 49.2
58 79.8 64.6 97.0



#5
Pyridine
Concen: 27.852 ng/uL
RT: 3.881 min Scan# 84
Delta R.T. -0.006 min
Lab File: BM037884.D
Acq: 08 Dec 2022 13:31

Tgt Ion: 79 Resp: 483102
Ion Ratio Lower Upper
79 100
52 94.2 78.1 117.1
51 43.2 37.2 55.8

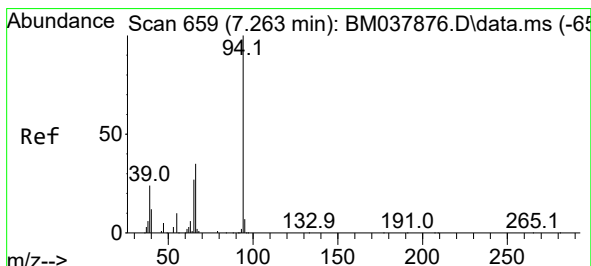
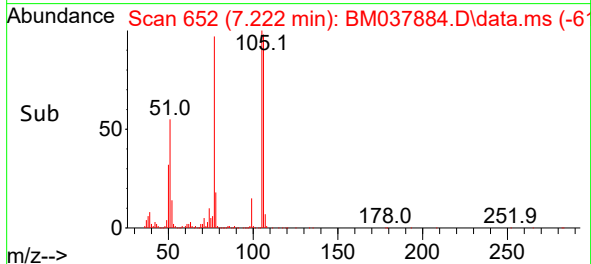
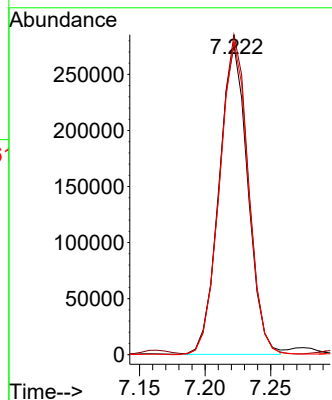
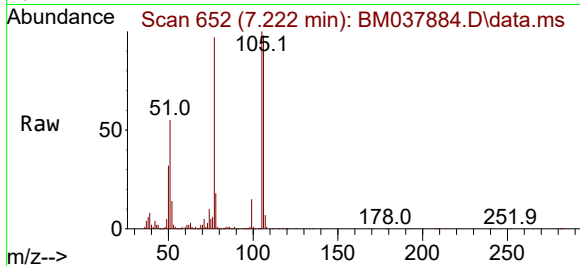




#6
Benzaldehyde
Concen: 52.389 ng/ul
RT: 7.222 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM037884.D
Acq: 08 Dec 2022 13:31

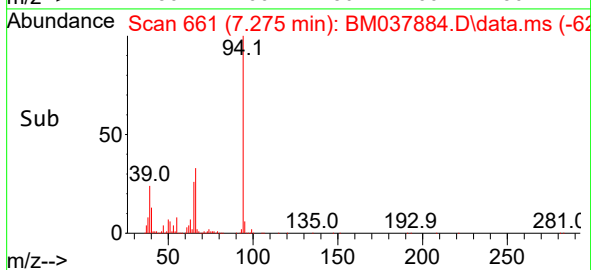
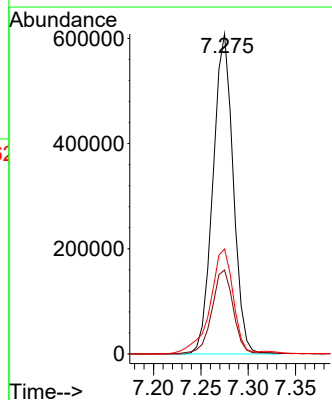
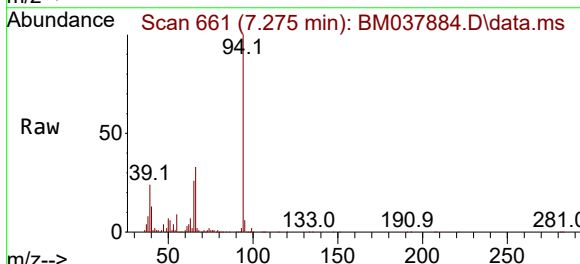
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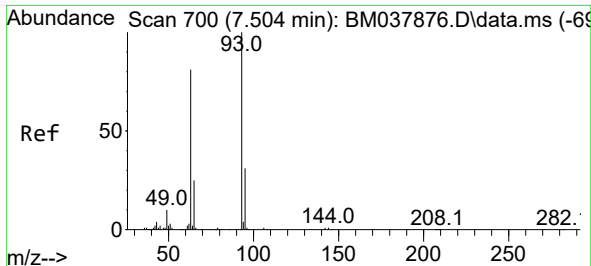
Tgt Ion: 77 Resp: 420633
Ion Ratio Lower Upper
77 100
105 103.4 82.5 123.7
106 101.2 81.8 122.6



#8
Phenol
Concen: 41.955 ng/ul
RT: 7.275 min Scan# 661
Delta R.T. 0.006 min
Lab File: BM037884.D
Acq: 08 Dec 2022 13:31

Tgt Ion: 94 Resp: 903296
Ion Ratio Lower Upper
94 100
65 26.3 22.2 33.4
66 32.8 27.3 40.9

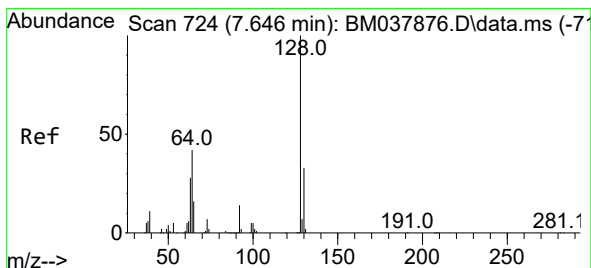
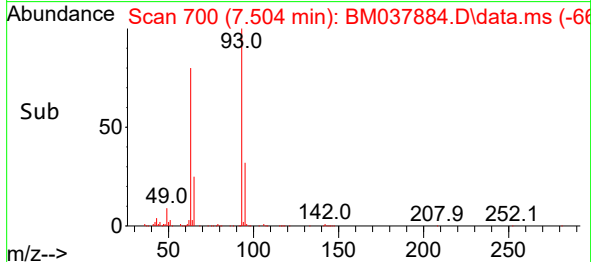
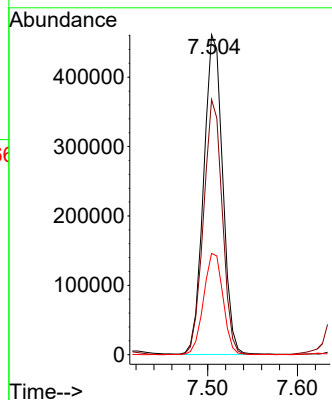
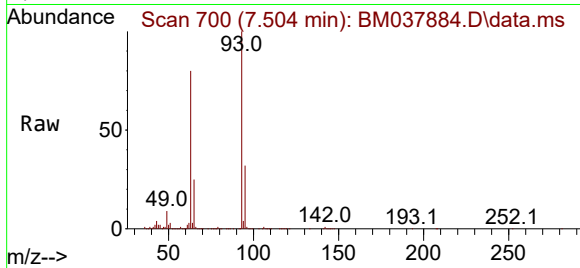




#10
Bis(2-Chloroethyl)ether
Concen: 38.410 ng/ul
RT: 7.504 min Scan# 700
Delta R.T. 0.000 min
Lab File: BM037884.D
Acq: 08 Dec 2022 13:31

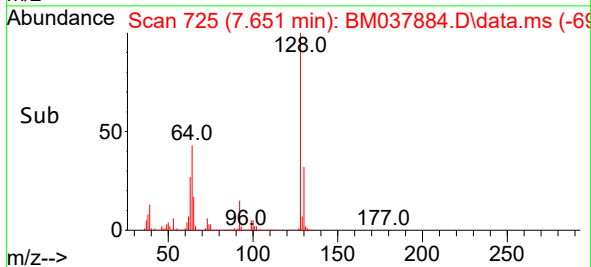
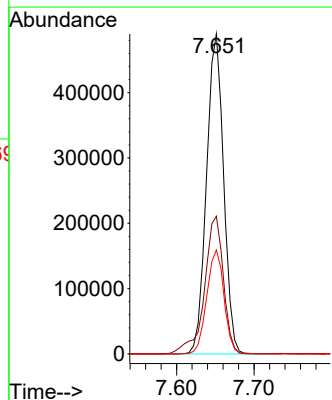
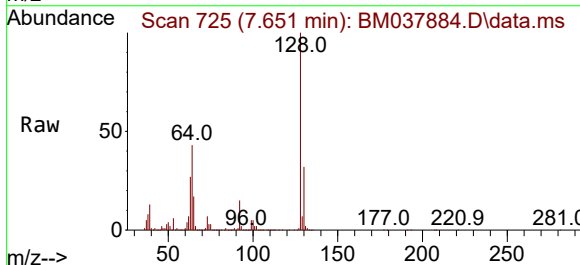
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ClientSampleId :

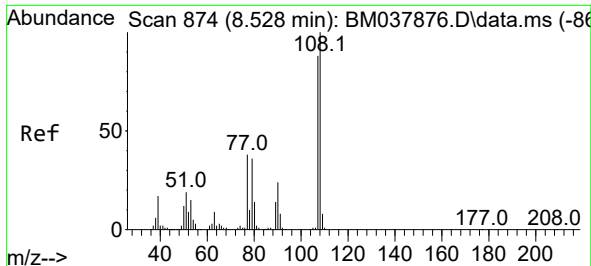
Tgt Ion: 93 Resp: 679065
Ion Ratio Lower Upper
93 100
63 79.7 66.3 99.5
95 31.6 25.7 38.5



#12
2-Chlorophenol
Concen: 41.650 ng/ul
RT: 7.651 min Scan# 725
Delta R.T. 0.000 min
Lab File: BM037884.D
Acq: 08 Dec 2022 13:31

Tgt Ion:128 Resp: 750130
Ion Ratio Lower Upper
128 100
64 43.0 35.2 52.8
130 32.5 25.9 38.9





#13

2-Methylphenol

Concen: 42.171 ng/ul

RT: 8.534 min Scan# 81

Delta R.T. 0.000 min

Lab File: BM037884.D

Acq: 08 Dec 2022 13:31

Instrument :

BNA_M

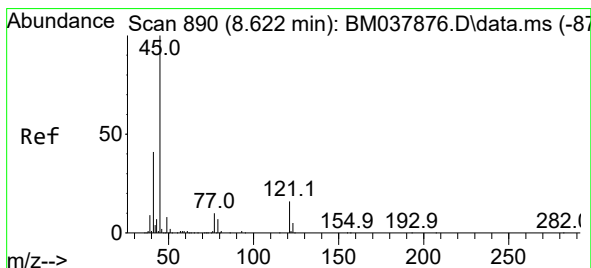
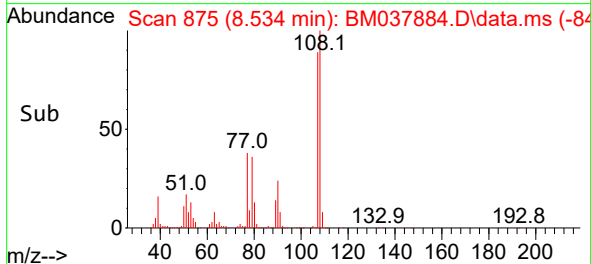
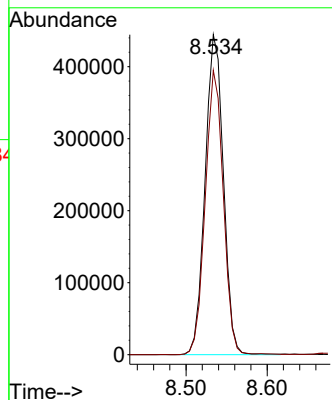
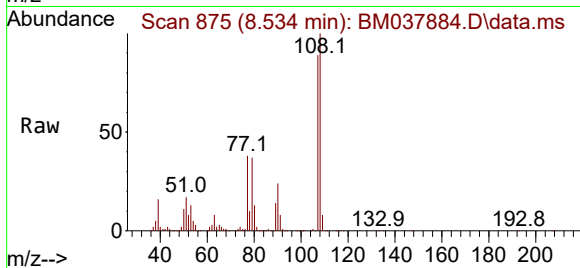
ClientSampleId :

Tgt Ion:108 Resp: 694802

Ion Ratio Lower Upper

108 100

107 88.8 71.9 107.9



#14

2,2'-oxybis(1-Chloropropane)

Concen: 36.848 ng/ul

RT: 8.622 min Scan# 890

Delta R.T. -0.006 min

Lab File: BM037884.D

Acq: 08 Dec 2022 13:31

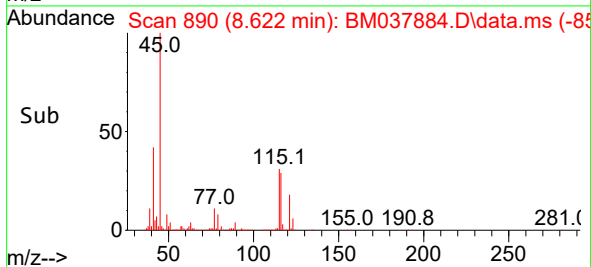
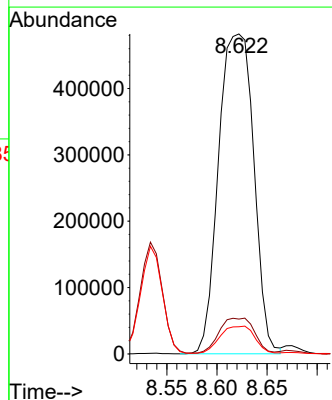
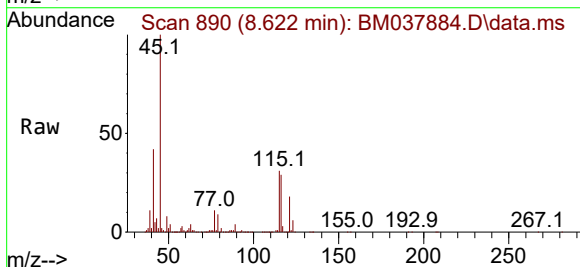
Tgt Ion: 45 Resp: 1176329

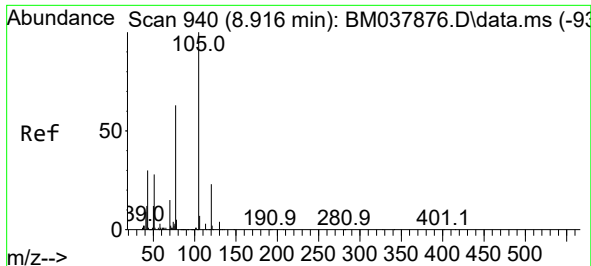
Ion Ratio Lower Upper

45 100

77 10.9 9.0 13.4

79 8.5 6.2 9.4

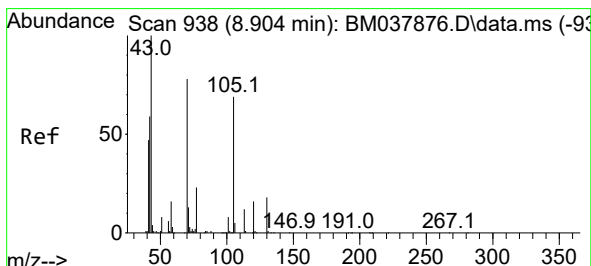
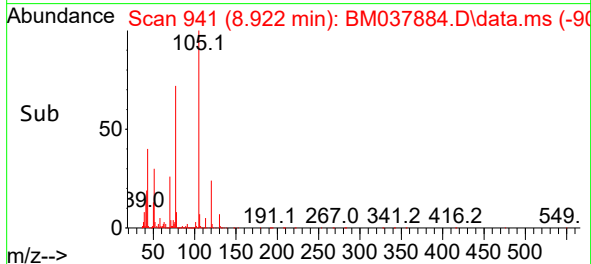
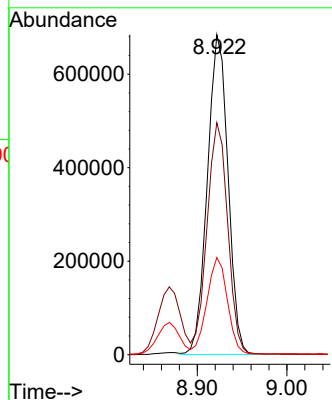
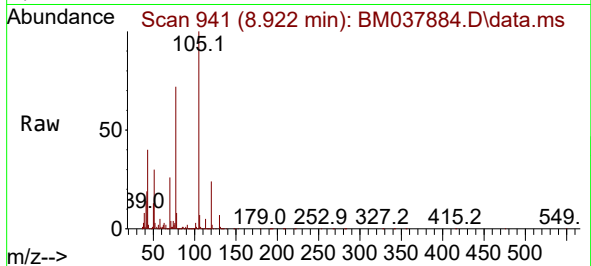




#16
 Acetophenone
 Concen: 41.494 ng/ul
 RT: 8.922 min Scan# 941
 Delta R.T. 0.000 min
 Lab File: BM037884.D
 Acq: 08 Dec 2022 13:31

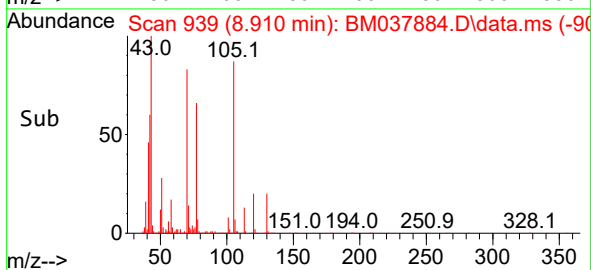
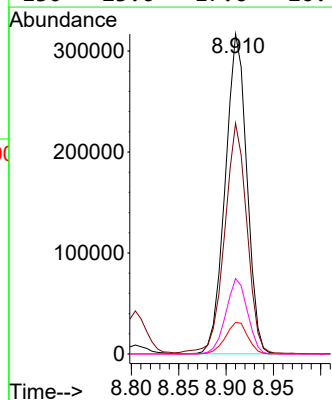
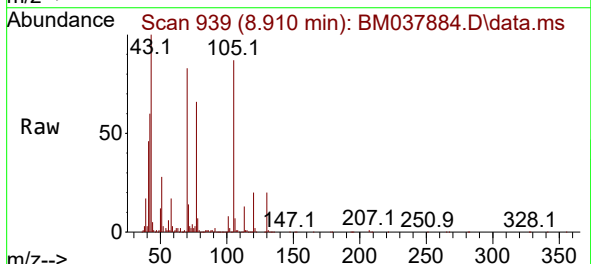
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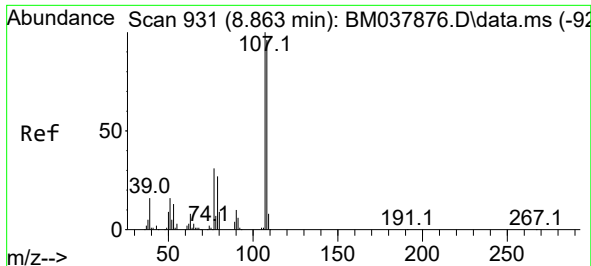
Tgt Ion:105 Resp: 1093550
 Ion Ratio Lower Upper
 105 100
 77 72.5 59.7 89.5
 51 30.3 27.2 40.8



#17
 N-Nitroso-di-n-propylamine
 Concen: 40.577 ng/ul
 RT: 8.910 min Scan# 939
 Delta R.T. 0.006 min
 Lab File: BM037884.D
 Acq: 08 Dec 2022 13:31

Tgt Ion: 70 Resp: 503764
 Ion Ratio Lower Upper
 70 100
 42 72.1 62.3 93.5
 101 9.9 8.0 12.0
 130 23.6 17.6 26.4

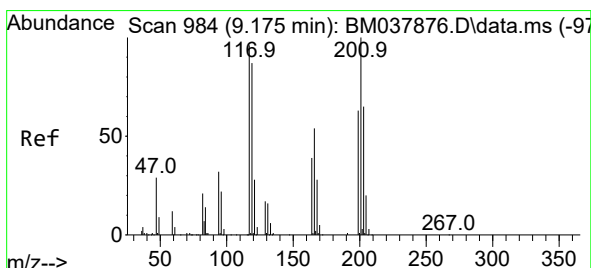
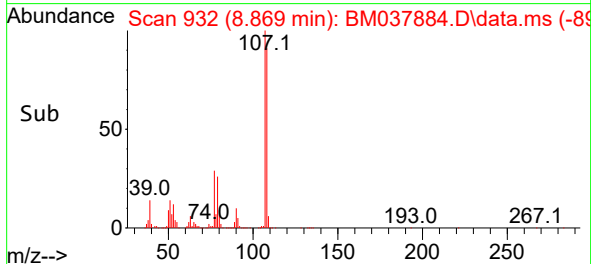
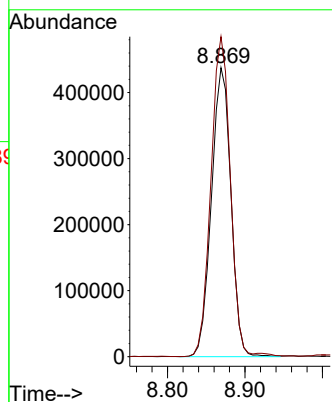
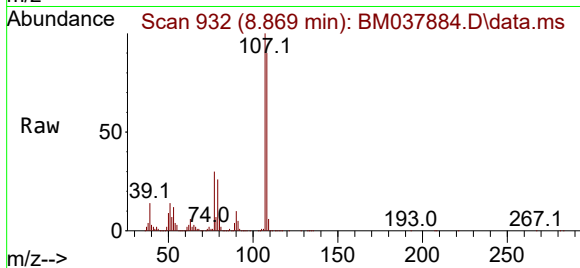




#18
4-Methylphenol
Concen: 42.913 ng/ul
RT: 8.869 min Scan# 911
Delta R.T. 0.006 min
Lab File: BM037884.D
Acq: 08 Dec 2022 13:31

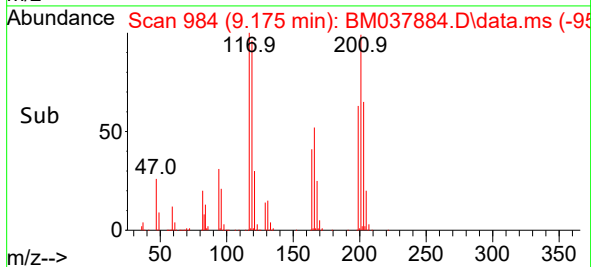
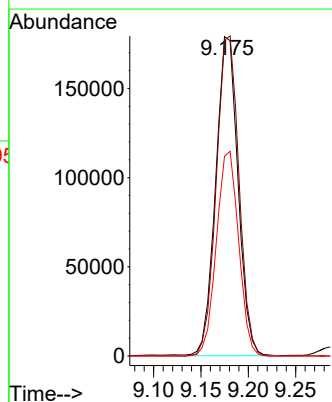
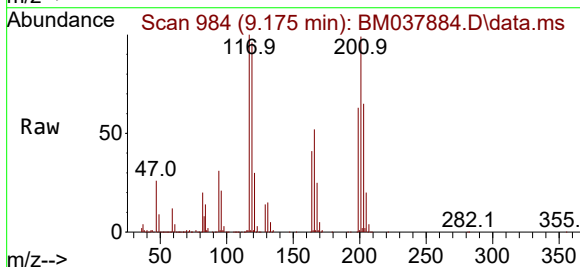
Instrument :
BNA_M
ClientSampleId :

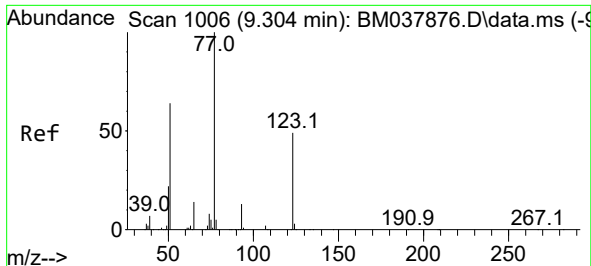
Tgt Ion:108 Resp: 764853
Ion Ratio Lower Upper
108 100
107 110.7 88.1 132.1



#19
Hexachloroethane
Concen: 40.760 ng/ul
RT: 9.175 min Scan# 984
Delta R.T. -0.006 min
Lab File: BM037884.D
Acq: 08 Dec 2022 13:31

Tgt Ion:117 Resp: 293476
Ion Ratio Lower Upper
117 100
201 98.9 87.3 130.9
199 62.6 50.9 76.3

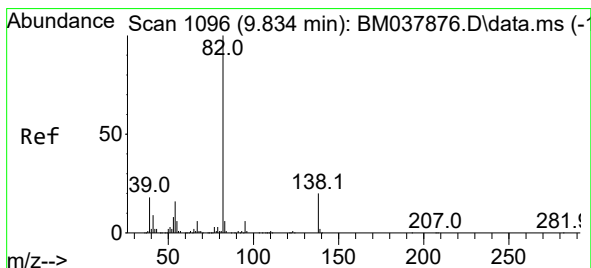
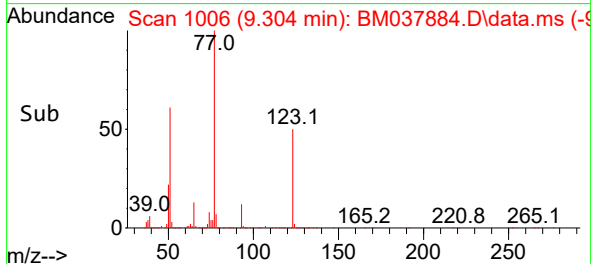
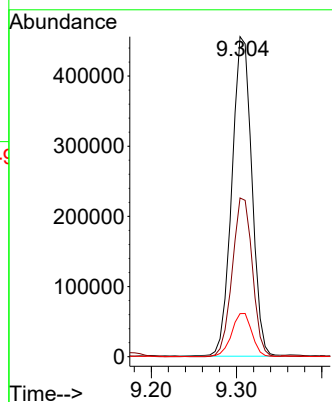
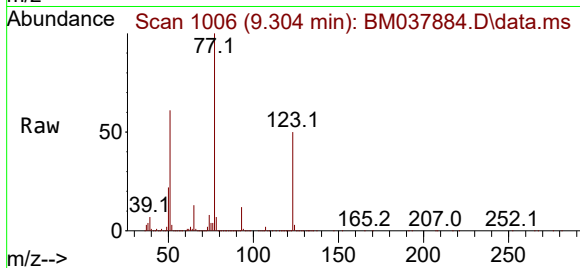




#22
Nitrobenzene
Concen: 42.031 ng/ul
RT: 9.304 min Scan# 1006
Delta R.T. 0.000 min
Lab File: BM037884.D
Acq: 08 Dec 2022 13:31

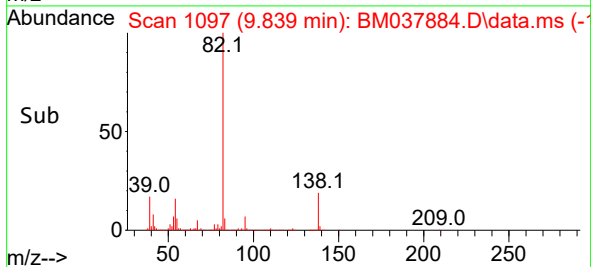
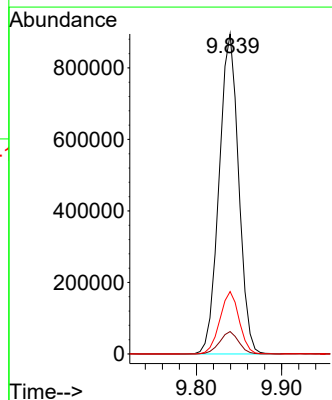
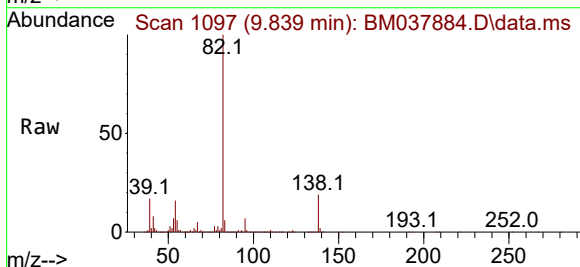
Instrument :
BNA_M
ClientSampleId :

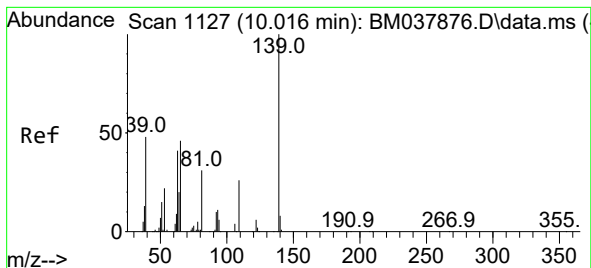
Tgt Ion: 77 Resp: 742278
Ion Ratio Lower Upper
77 100
123 49.6 37.8 56.6
65 13.4 11.1 16.7



#23
Isophorone
Concen: 44.083 ng/ul
RT: 9.839 min Scan# 1097
Delta R.T. 0.006 min
Lab File: BM037884.D
Acq: 08 Dec 2022 13:31

Tgt Ion: 82 Resp: 1426616
Ion Ratio Lower Upper
82 100
95 7.0 5.2 7.8
138 19.5 14.9 22.3

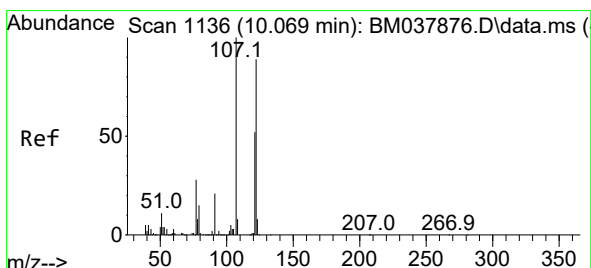
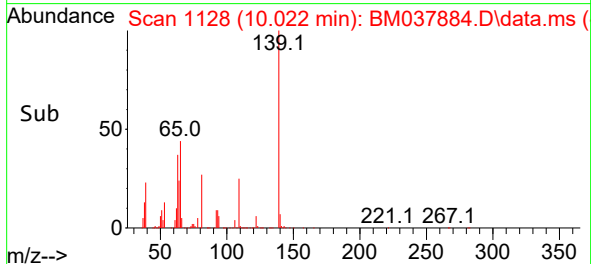
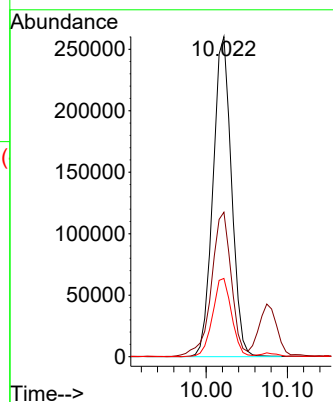
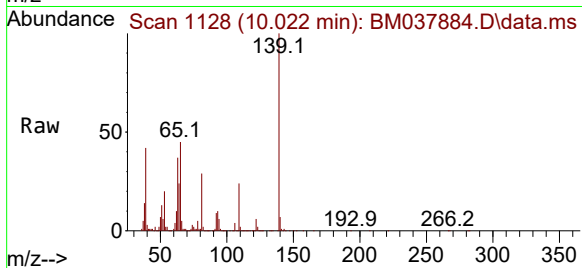




#25
2-Nitrophenol
Concen: 45.683 ng/ul
RT: 10.022 min Scan# 1128
Delta R.T. 0.000 min
Lab File: BM037884.D
Acq: 08 Dec 2022 13:31

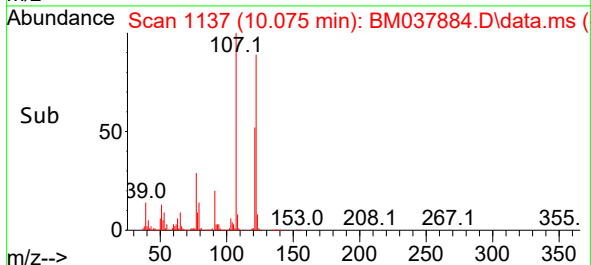
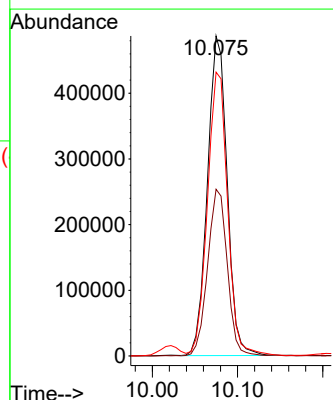
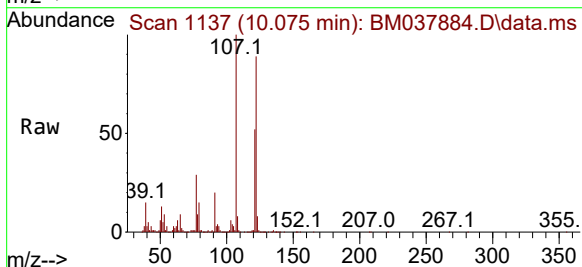
Instrument :
BNA_M
ClientSampleId :

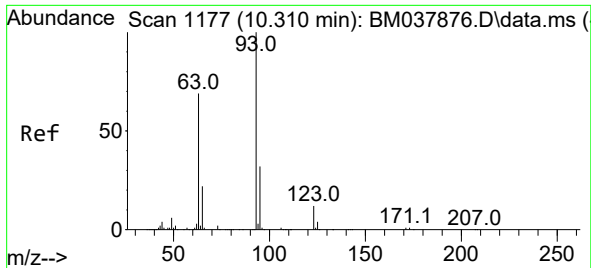
Tgt Ion:139 Resp: 411944
Ion Ratio Lower Upper
139 100
65 45.1 36.2 54.4
109 24.5 19.7 29.5



#26
2,4-Dimethylphenol
Concen: 44.880 ng/ul
RT: 10.075 min Scan# 1137
Delta R.T. 0.000 min
Lab File: BM037884.D
Acq: 08 Dec 2022 13:31

Tgt Ion:107 Resp: 782623
Ion Ratio Lower Upper
107 100
121 52.1 42.0 63.0
122 88.7 71.4 107.2

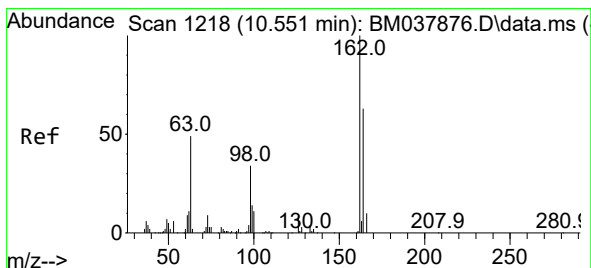
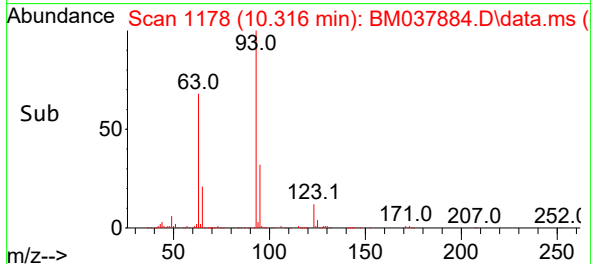
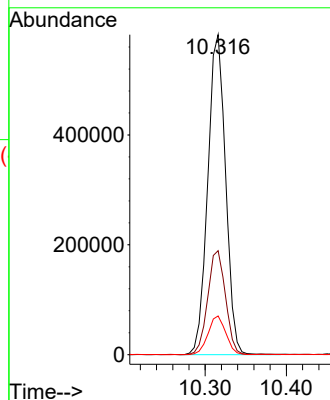
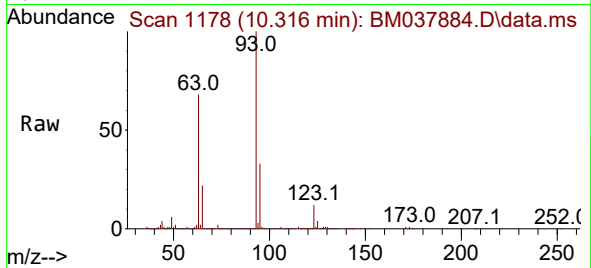




#27
 Bis(2-Chloroethoxy)methane
 Concen: 41.224 ng/ul
 RT: 10.316 min Scan# 1178
 Delta R.T. 0.006 min
 Lab File: BM037884.D
 Acq: 08 Dec 2022 13:31

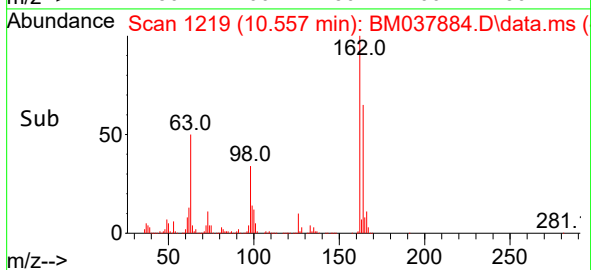
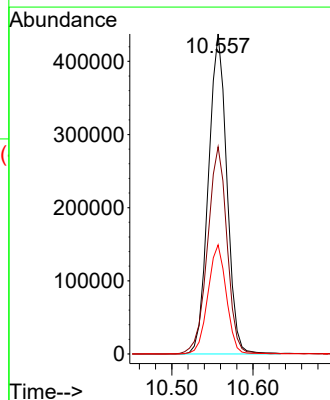
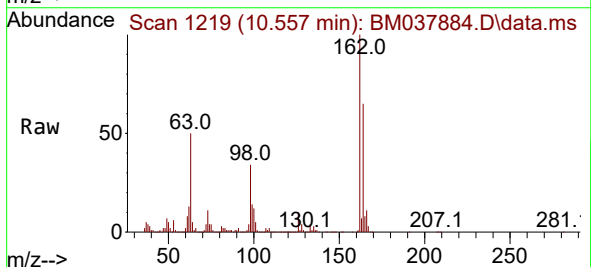
Instrument :
 BNA_M
 ClientSampleId :

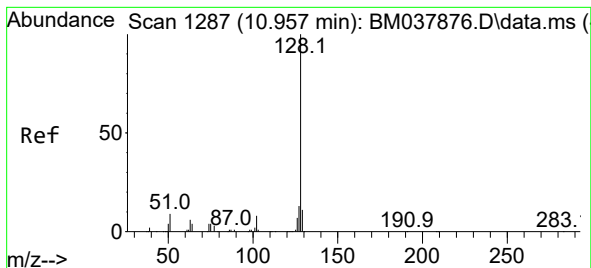
Tgt Ion: 93 Resp: 886831
 Ion Ratio Lower Upper
 93 100
 95 32.5 25.5 38.3
 123 12.1 9.4 14.2



#29
 2,4-Dichlorophenol
 Concen: 42.956 ng/ul
 RT: 10.557 min Scan# 1219
 Delta R.T. 0.006 min
 Lab File: BM037884.D
 Acq: 08 Dec 2022 13:31

Tgt Ion:162 Resp: 688544
 Ion Ratio Lower Upper
 162 100
 164 64.8 51.4 77.2
 98 34.1 26.1 39.1

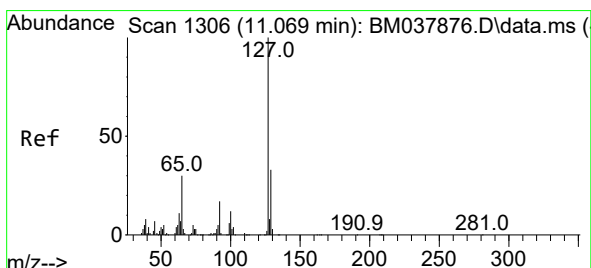
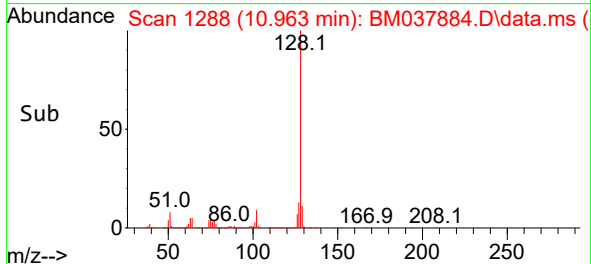
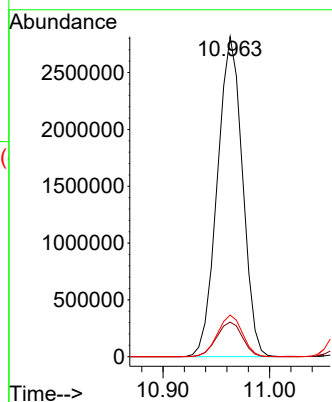
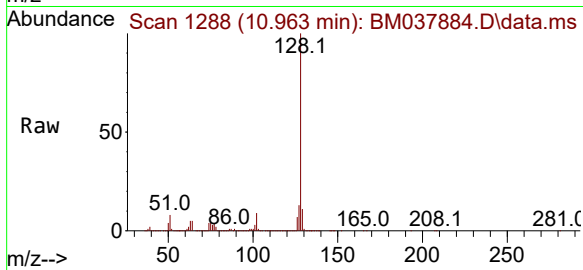




#30
Naphthalene
Concen: 82.484 ng/ul
RT: 10.963 min Scan# 1287
Delta R.T. 0.000 min
Lab File: BM037884.D
Acq: 08 Dec 2022 13:31

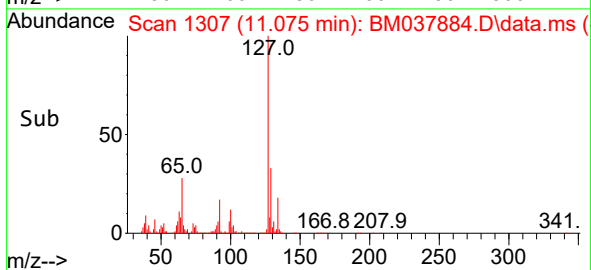
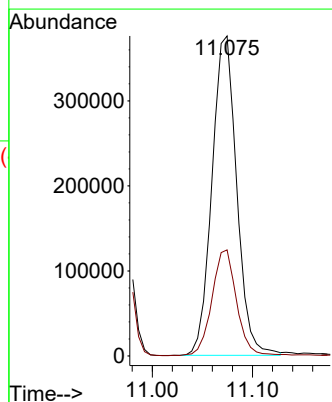
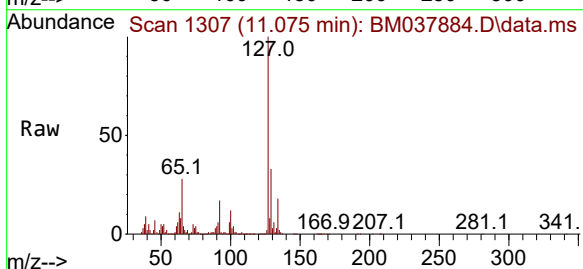
Instrument :
BNA_M
ClientSampleId :

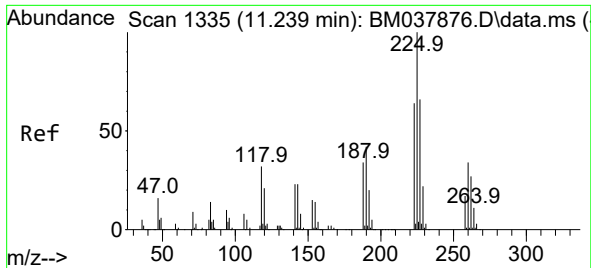
Tgt Ion:128 Resp: 4614340
Ion Ratio Lower Upper
128 100
129 10.8 9.0 13.4
127 13.0 10.4 15.6



#32
4-Chloroaniline
Concen: 28.665 ng/ul
RT: 11.075 min Scan# 1307
Delta R.T. 0.006 min
Lab File: BM037884.D
Acq: 08 Dec 2022 13:31

Tgt Ion:127 Resp: 644629
Ion Ratio Lower Upper
127 100
129 33.2 25.3 37.9

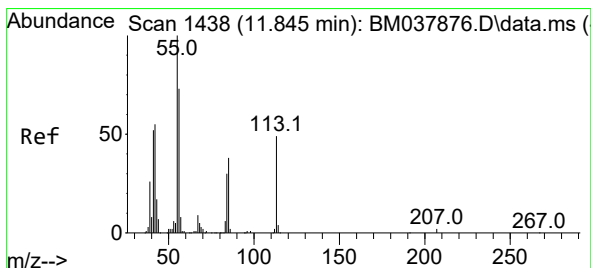
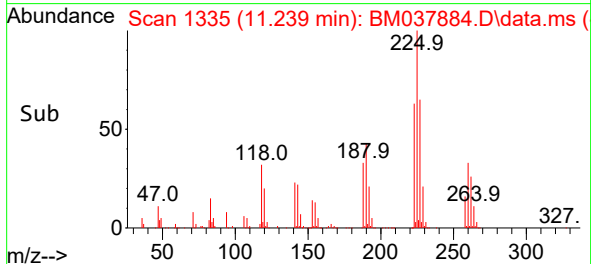
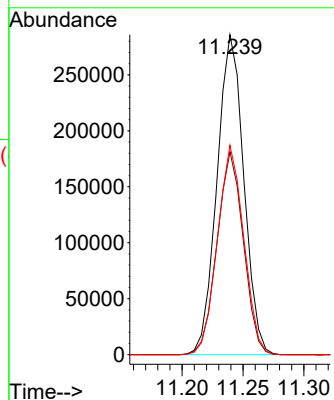
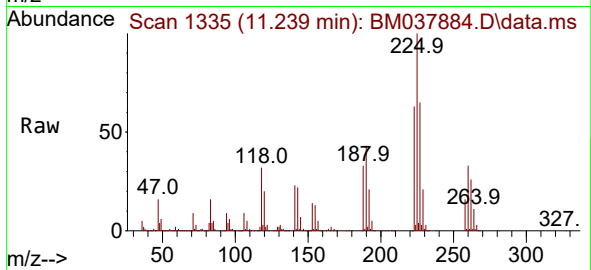




#33
Hexachlorobutadiene
Concen: 41.559 ng/ul
RT: 11.239 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM037884.D
Acq: 08 Dec 2022 13:31

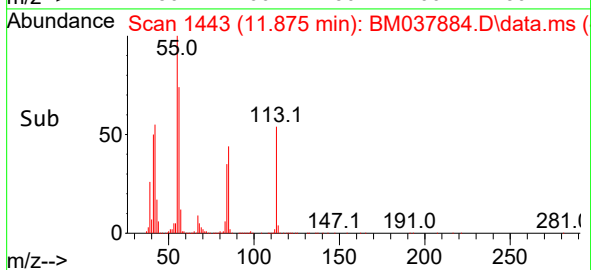
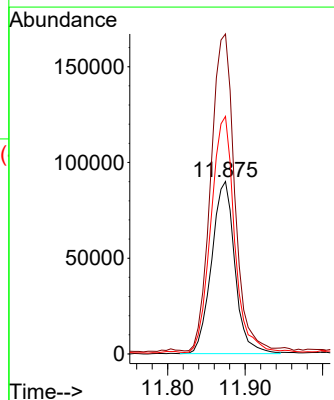
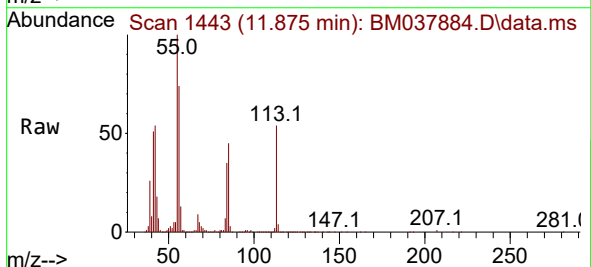
Instrument :
BNA_M
ClientSampleId :

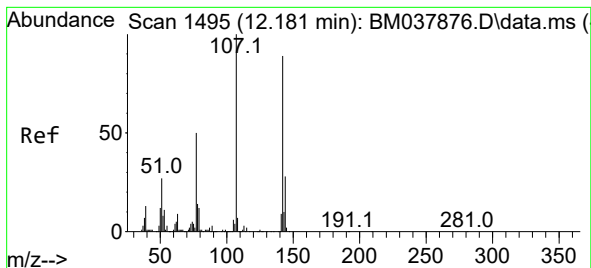
Tgt Ion:225 Resp: 438222
Ion Ratio Lower Upper
225 100
223 63.4 50.8 76.2
227 65.5 50.5 75.7



#34
Caprolactam
Concen: 45.590 ng/ul
RT: 11.875 min Scan# 1443
Delta R.T. 0.024 min
Lab File: BM037884.D
Acq: 08 Dec 2022 13:31

Tgt Ion:113 Resp: 187452
Ion Ratio Lower Upper
113 100
55 185.5 172.2 258.2
56 137.7 120.7 181.1

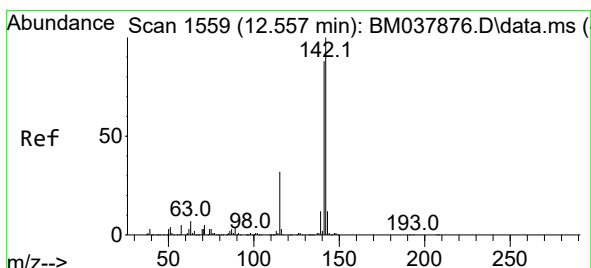
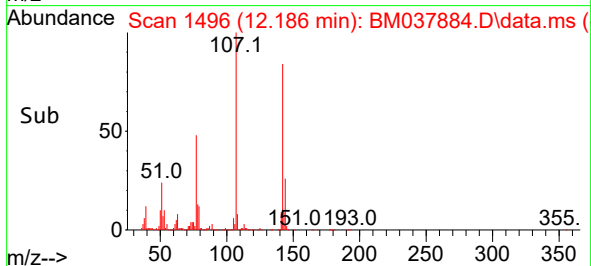
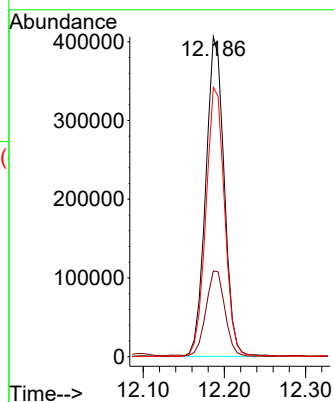
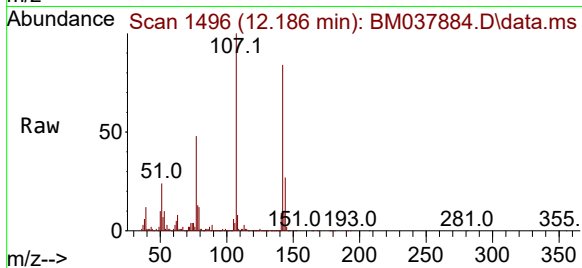




#35
 4-Chloro-3-methylphenol
 Concen: 43.905 ng/ul
 RT: 12.186 min Scan# 1495
 Delta R.T. 0.006 min
 Lab File: BM037884.D
 Acq: 08 Dec 2022 13:31

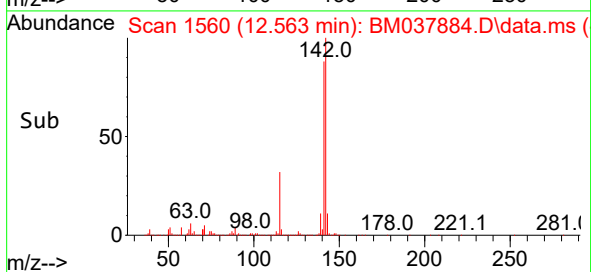
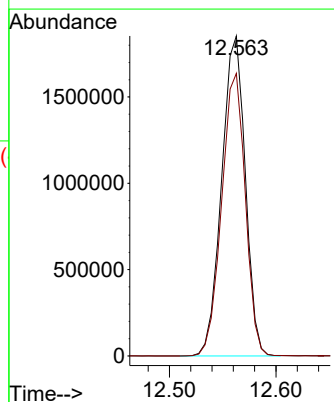
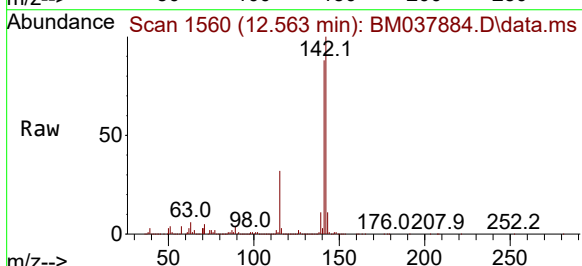
Instrument :
 BNA_M
 ClientSampleId :

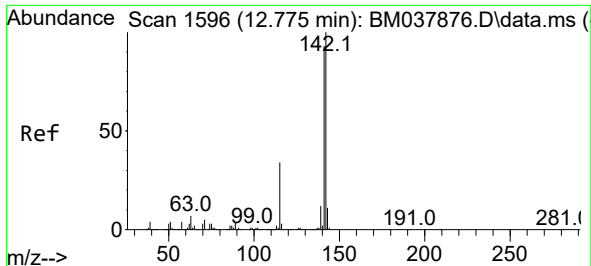
Tgt Ion:107 Resp: 640586
 Ion Ratio Lower Upper
 107 100
 144 26.8 23.4 35.0
 142 84.2 71.0 106.4



#36
 2-Methylnaphthalene
 Concen: 78.602 ng/ul
 RT: 12.563 min Scan# 1560
 Delta R.T. 0.006 min
 Lab File: BM037884.D
 Acq: 08 Dec 2022 13:31

Tgt Ion:142 Resp: 2852003
 Ion Ratio Lower Upper
 142 100
 141 88.3 69.4 104.0





#37

1-Methylnaphthalene

Concen: 46.272 ng/ul

RT: 12.780 min Scan# 1

Delta R.T. 0.006 min

Lab File: BM037884.D

Acq: 08 Dec 2022 13:31

Instrument :

BNA_M

ClientSampleId :

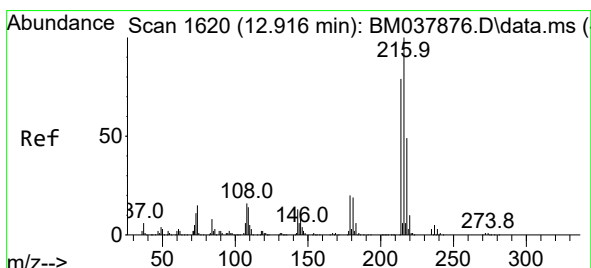
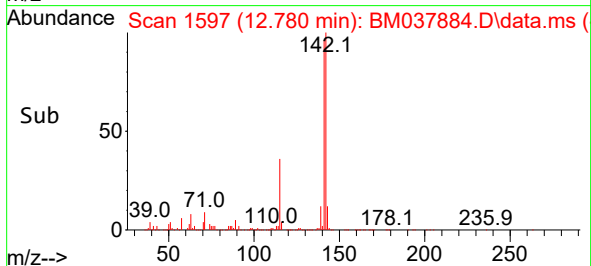
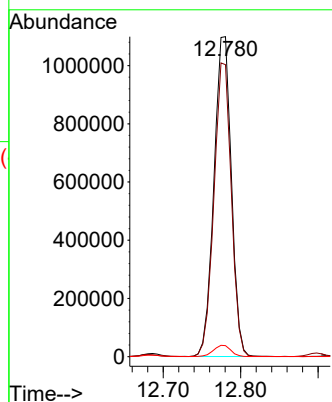
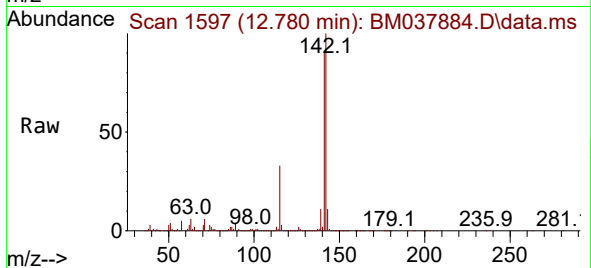
Tgt Ion:142 Resp: 1716762

Ion Ratio Lower Upper

142 100

141 91.3 72.4 108.6

116 3.4 2.9 4.3



#39

1,2,4,5-Tetrachlorobenzene

Concen: 44.930 ng/ul

RT: 12.922 min Scan# 1621

Delta R.T. 0.000 min

Lab File: BM037884.D

Acq: 08 Dec 2022 13:31

Tgt Ion:216 Resp: 765913

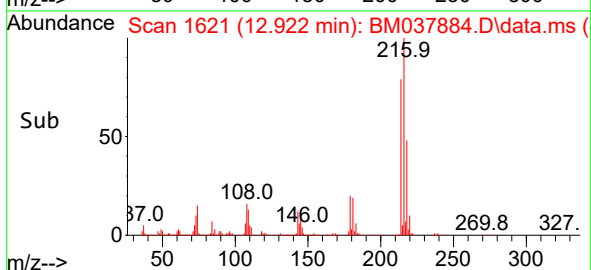
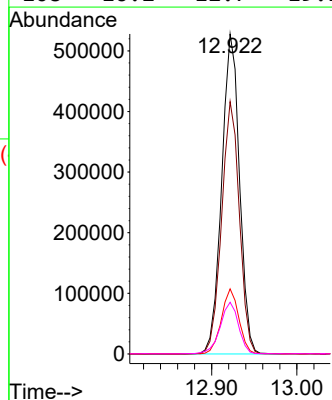
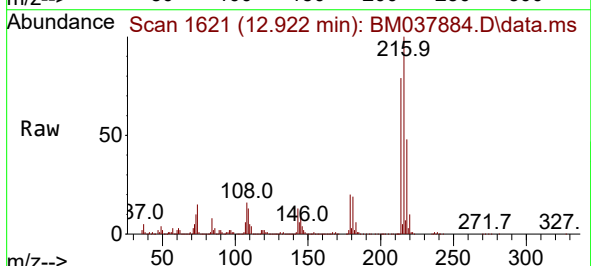
Ion Ratio Lower Upper

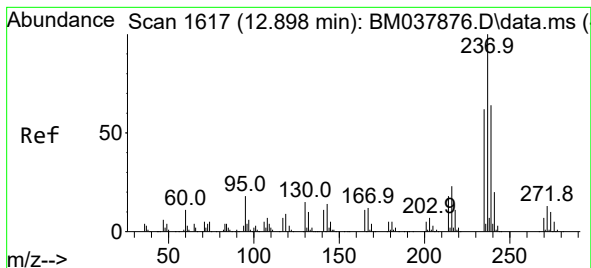
216 100

214 78.9 64.2 96.4

179 20.3 15.4 23.2

108 16.2 12.7 19.1

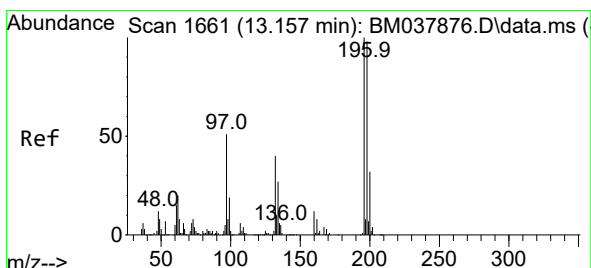
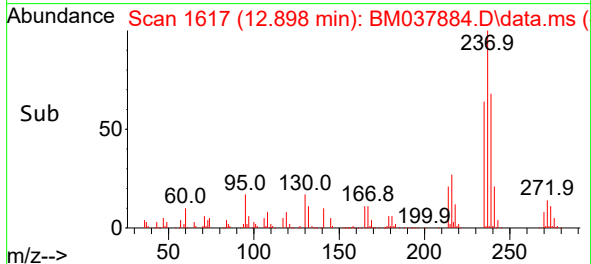
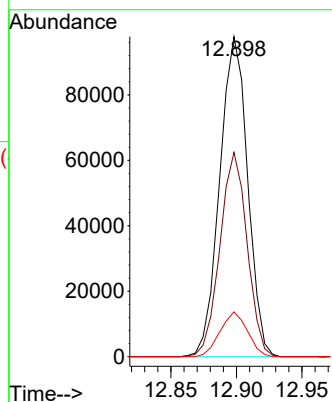
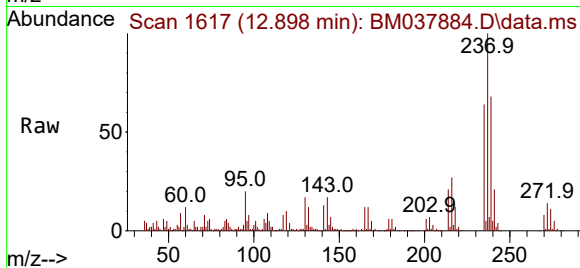




#40
Hexachlorocyclopentadiene
Concen: 14.843 ng/ul
RT: 12.898 min Scan# 1617
Delta R.T. 0.000 min
Lab File: BM037884.D
Acq: 08 Dec 2022 13:31

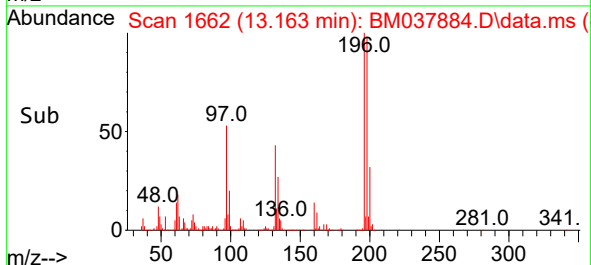
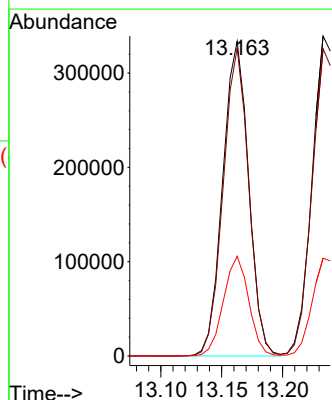
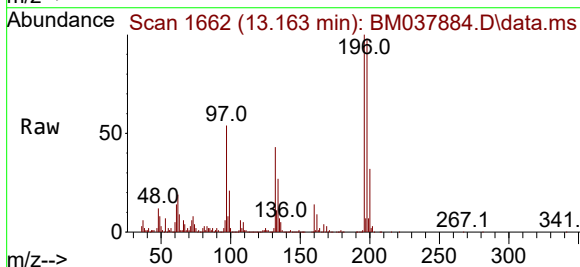
Instrument :
BNA_M
ClientSampleId :

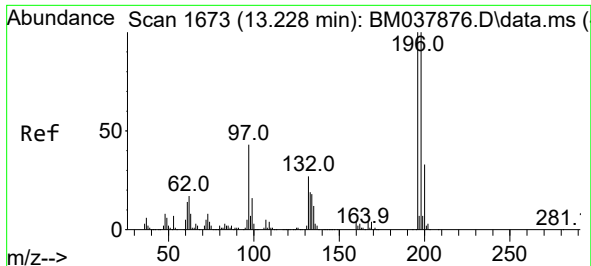
Tgt Ion:237 Resp: 144746
Ion Ratio Lower Upper
237 100
235 63.8 50.4 75.6
272 14.0 10.6 16.0



#41
2,4,6-Trichlorophenol
Concen: 47.620 ng/ul
RT: 13.163 min Scan# 1662
Delta R.T. 0.006 min
Lab File: BM037884.D
Acq: 08 Dec 2022 13:31

Tgt Ion:196 Resp: 494458
Ion Ratio Lower Upper
196 100
198 97.8 75.0 112.6
200 31.7 24.5 36.7

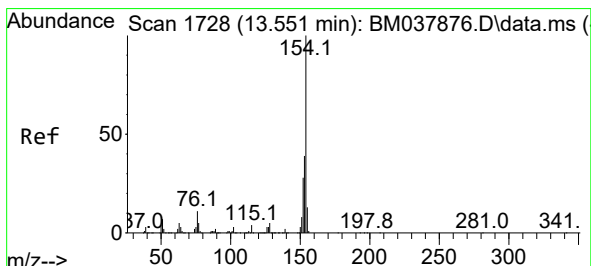
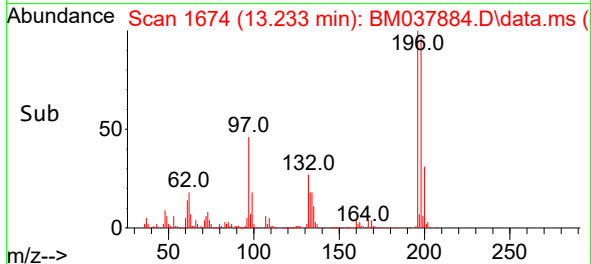
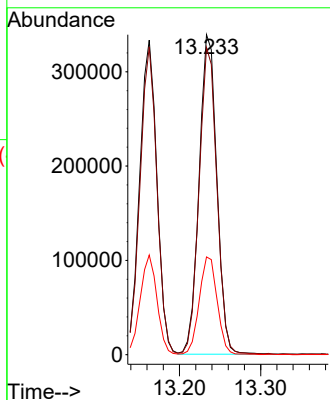
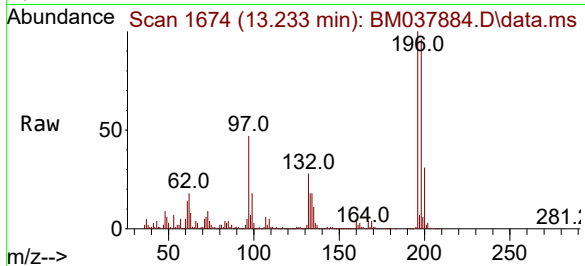




#42
2,4,5-Trichlorophenol
Concen: 47.562 ng/ul
RT: 13.233 min Scan# 1
Delta R.T. 0.006 min
Lab File: BM037884.D
Acq: 08 Dec 2022 13:31

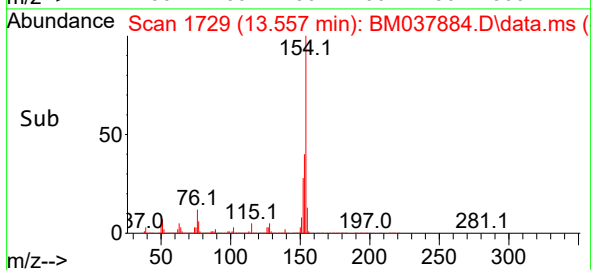
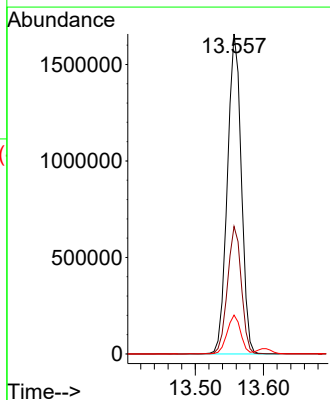
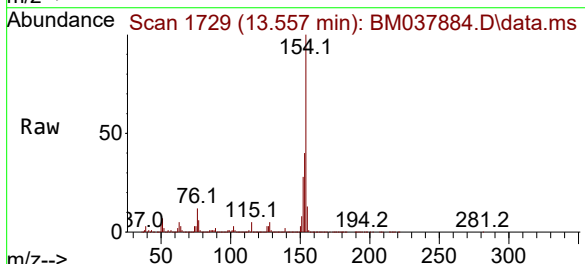
Instrument :
BNA_M
ClientSampleId :

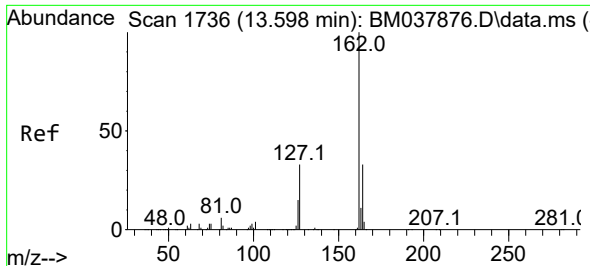
Tgt Ion:196 Resp: 515054
Ion Ratio Lower Upper
196 100
198 96.0 76.5 114.7
200 30.5 24.9 37.3



#43
1,1'-Biphenyl
Concen: 56.184 ng/ul
RT: 13.557 min Scan# 1729
Delta R.T. 0.000 min
Lab File: BM037884.D
Acq: 08 Dec 2022 13:31

Tgt Ion:154 Resp: 2356156
Ion Ratio Lower Upper
154 100
153 39.9 31.2 46.8
76 12.2 9.3 13.9

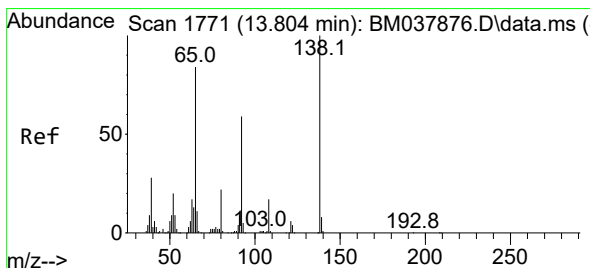
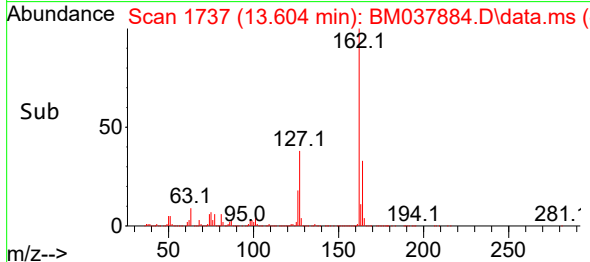
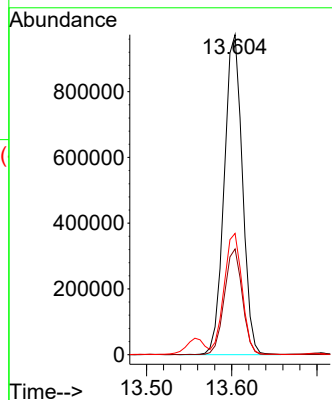
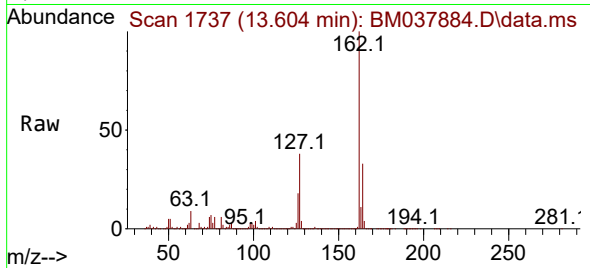




#44
2-Chloronaphthalene
Concen: 44.594 ng/ul
RT: 13.604 min Scan# 1737
Delta R.T. 0.000 min
Lab File: BM037884.D
Acq: 08 Dec 2022 13:31

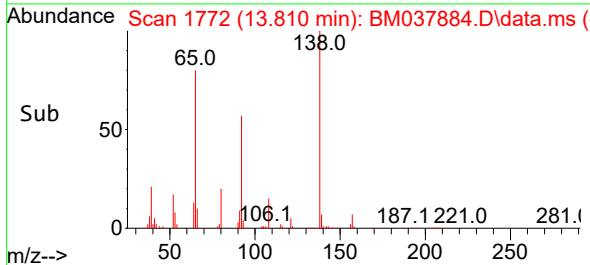
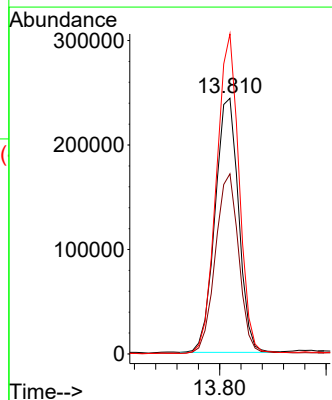
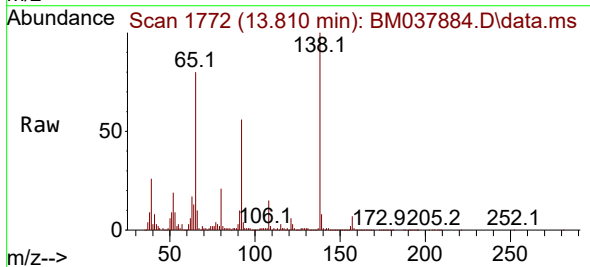
Instrument :
BNA_M
ClientSampleId :

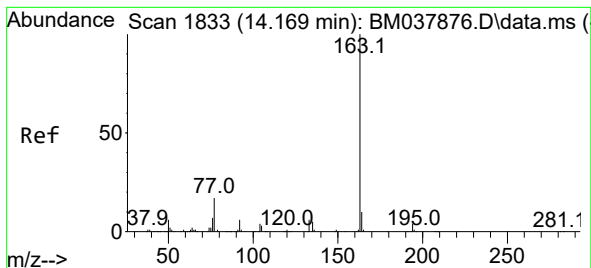
Tgt Ion:162 Resp: 1442657
Ion Ratio Lower Upper
162 100
164 33.1 27.3 40.9
127 37.9 29.4 44.0



#45
2-Nitroaniline
Concen: 47.893 ng/ul
RT: 13.810 min Scan# 1772
Delta R.T. 0.006 min
Lab File: BM037884.D
Acq: 08 Dec 2022 13:31

Tgt Ion: 65 Resp: 373326
Ion Ratio Lower Upper
65 100
92 70.5 53.5 80.3
138 125.2 91.3 136.9





#47

Dimethylphthalate

Concen: 45.102 ng/ul

RT: 14.174 min Scan# 1834

Delta R.T. 0.006 min

Lab File: BM037884.D

Acq: 08 Dec 2022 13:31

Instrument :

BNA_M

ClientSampleId :

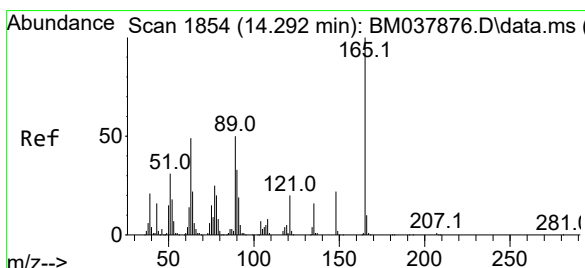
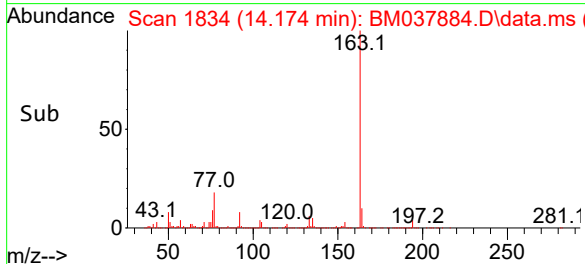
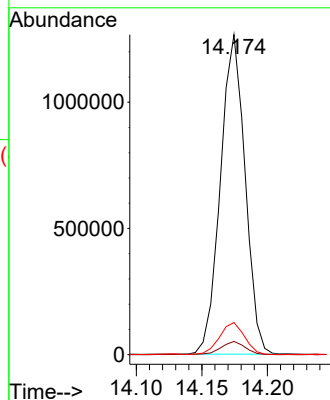
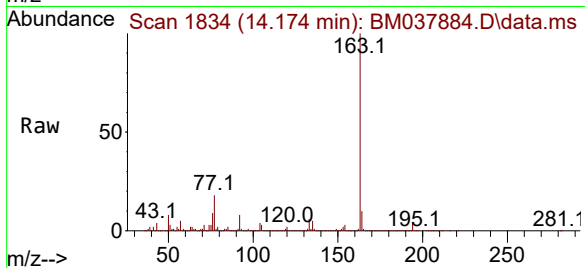
Tgt Ion:163 Resp: 1655137

Ion Ratio Lower Upper

163 100

194 4.1 3.0 4.6

164 10.1 8.2 12.4



#48

2,6-Dinitrotoluene

Concen: 47.467 ng/ul

RT: 14.298 min Scan# 1855

Delta R.T. 0.006 min

Lab File: BM037884.D

Acq: 08 Dec 2022 13:31

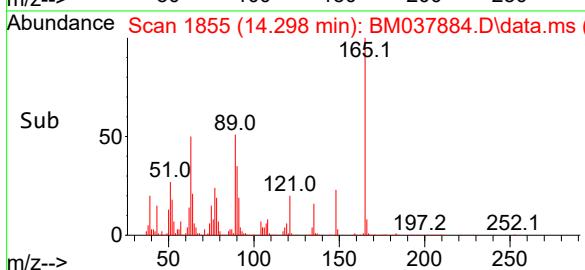
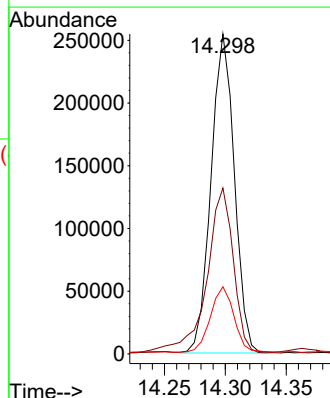
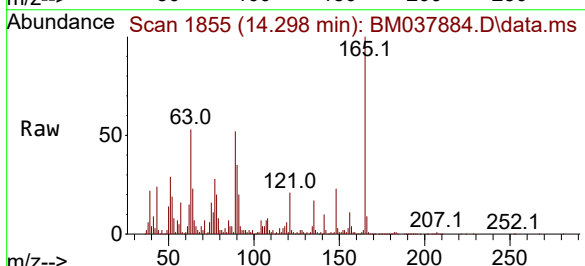
Tgt Ion:165 Resp: 338353

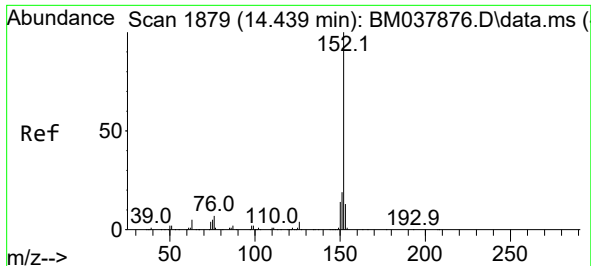
Ion Ratio Lower Upper

165 100

89 51.8 41.1 61.7

121 21.0 17.4 26.2

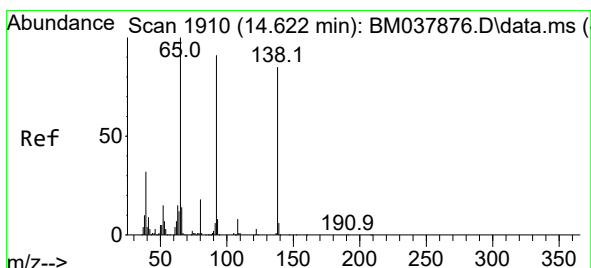
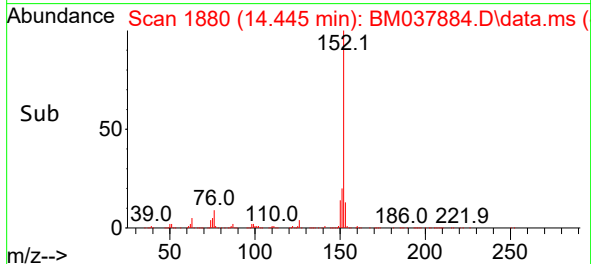
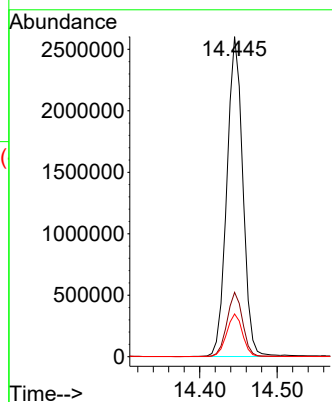
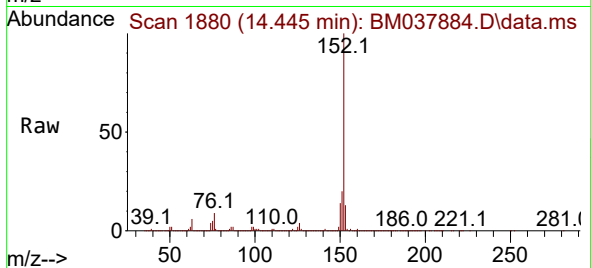




#50
Acenaphthylene
Concen: 74.584 ng/ul
RT: 14.445 min Scan# 1880
Delta R.T. 0.000 min
Lab File: BM037884.D
Acq: 08 Dec 2022 13:31

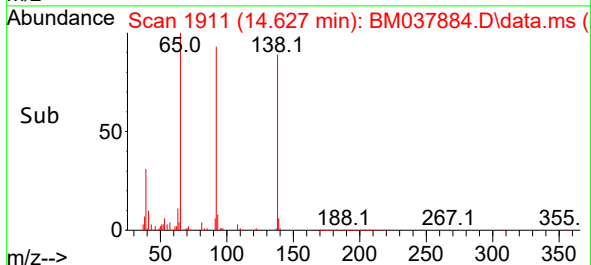
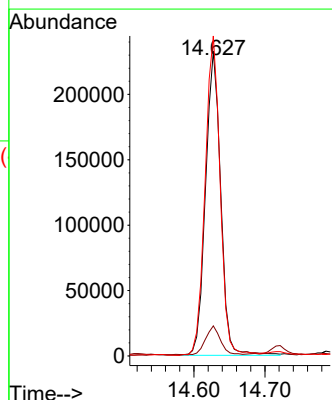
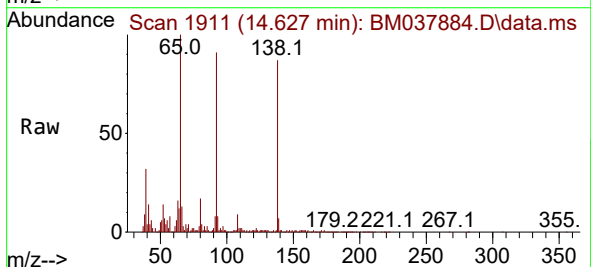
Instrument :
BNA_M
ClientSampleId :

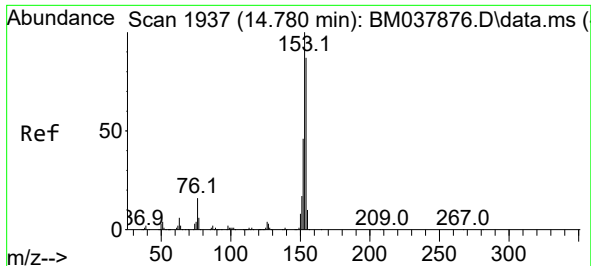
Tgt Ion:152 Resp: 3728168
Ion Ratio Lower Upper
152 100
151 20.1 15.3 22.9
153 13.3 10.2 15.4



#51
3-Nitroaniline
Concen: 48.619 ng/ul
RT: 14.627 min Scan# 1911
Delta R.T. 0.006 min
Lab File: BM037884.D
Acq: 08 Dec 2022 13:31

Tgt Ion:138 Resp: 345774
Ion Ratio Lower Upper
138 100
108 9.9 7.9 11.9
92 105.0 83.4 125.0

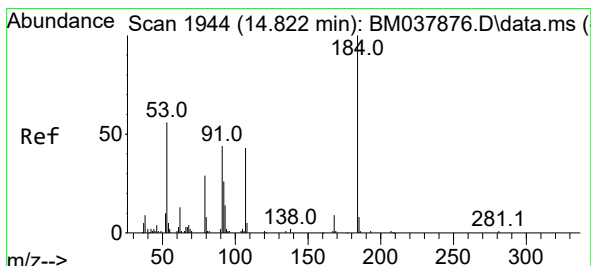
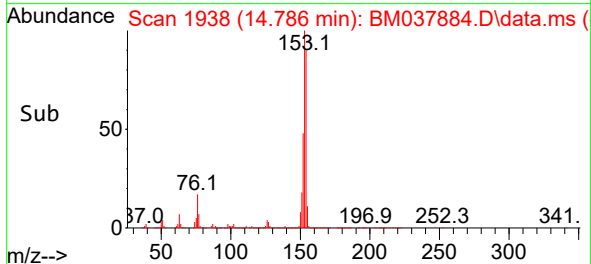
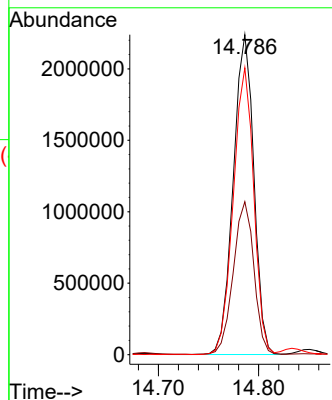
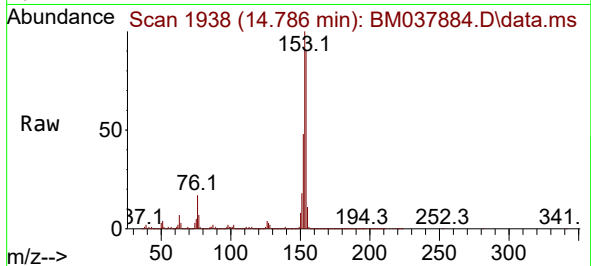




#52
Acenaphthene
Concen: 92.297 ng/ul
RT: 14.786 min Scan# 1937
Delta R.T. 0.006 min
Lab File: BM037884.D
Acq: 08 Dec 2022 13:31

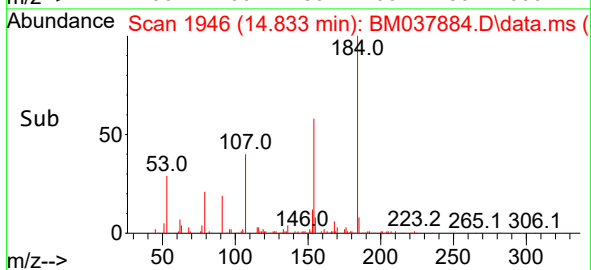
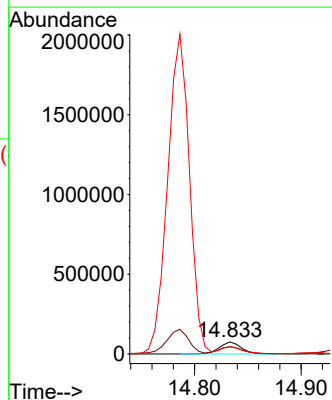
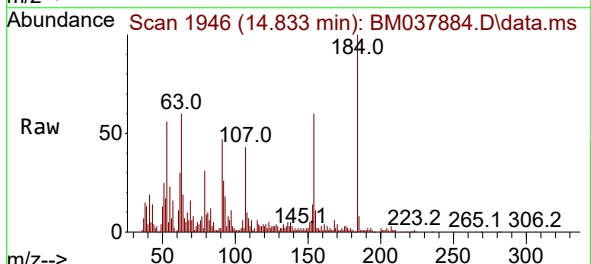
Instrument :
BNA_M
ClientSampleId :

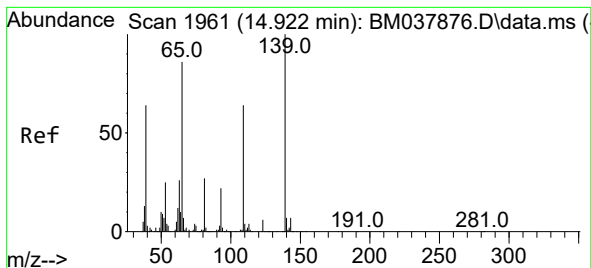
Tgt Ion:153 Resp: 3191093
Ion Ratio Lower Upper
153 100
152 47.8 38.2 57.4
154 89.6 71.4 107.0



#53
2,4-Dinitrophenol
Concen: 29.677 ng/ul
RT: 14.833 min Scan# 1946
Delta R.T. 0.006 min
Lab File: BM037884.D
Acq: 08 Dec 2022 13:31

Tgt Ion:184 Resp: 103805
Ion Ratio Lower Upper
184 100
63 59.7 46.2 69.4
154 59.8 45.5 68.3

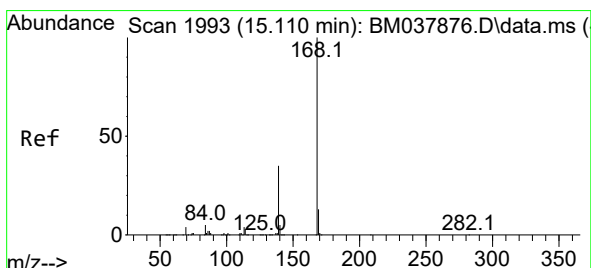
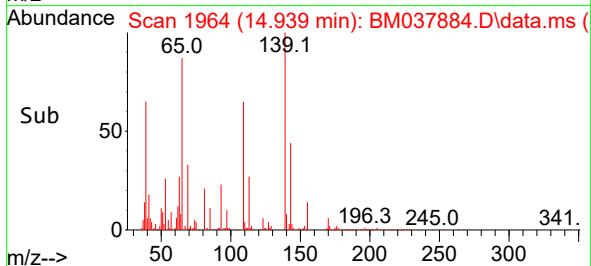
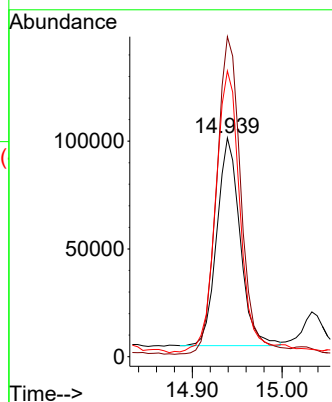
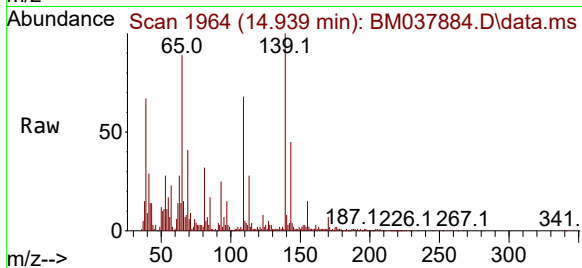




#55
4-Nitrophenol
Concen: 41.485 ng/ul
RT: 14.939 min Scan# 1964
Delta R.T. 0.018 min
Lab File: BM037884.D
Acq: 08 Dec 2022 13:31

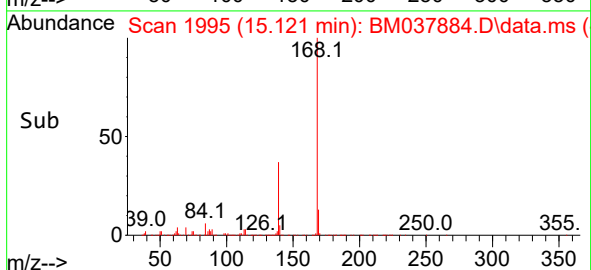
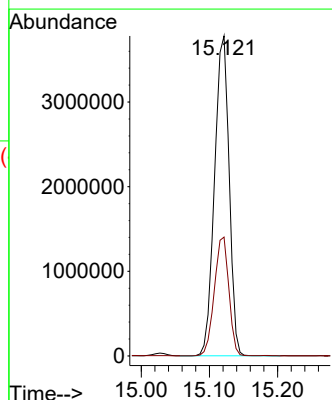
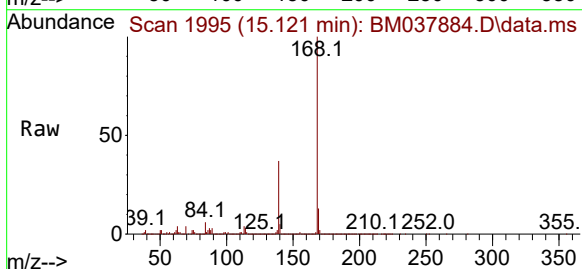
Instrument :
BNA_M
ClientSampleId :

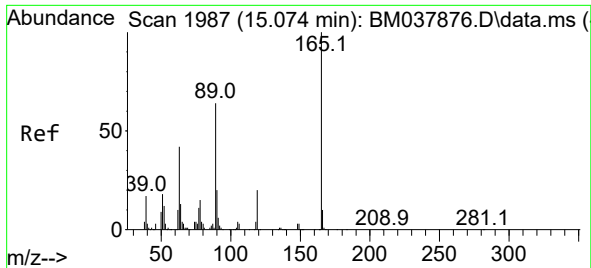
Tgt Ion:109 Resp: 173426
Ion Ratio Lower Upper
109 100
139 146.3 119.2 178.8
65 130.7 108.7 163.1



#56
Dibenzofuran
Concen: 119.421 ng/ul
RT: 15.121 min Scan# 1995
Delta R.T. 0.006 min
Lab File: BM037884.D
Acq: 08 Dec 2022 13:31

Tgt Ion:168 Resp: 5637066
Ion Ratio Lower Upper
168 100
139 37.1 28.1 42.1





#57

2,4-Dinitrotoluene

Concen: 44.824 ng/ul

RT: 15.080 min Scan# 1988

Delta R.T. 0.006 min

Lab File: BM037884.D

Acq: 08 Dec 2022 13:31

Instrument :

BNA_M

ClientSampleId :

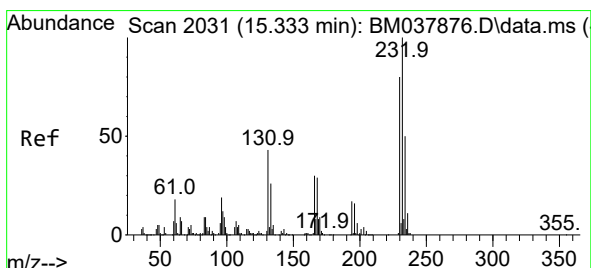
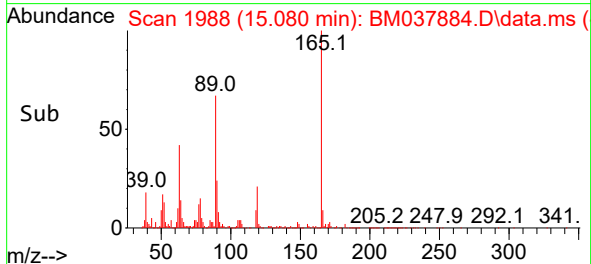
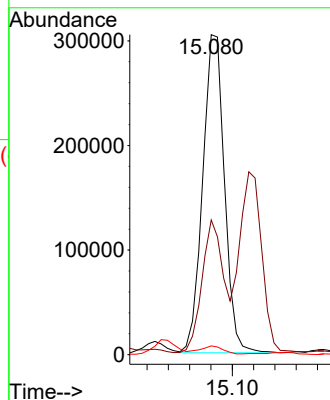
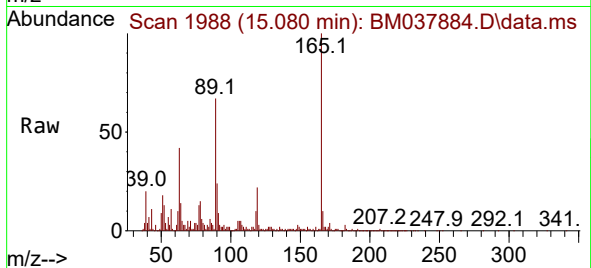
Tgt Ion:165 Resp: 432700

Ion Ratio Lower Upper

165 100

63 42.1 34.9 52.3

182 2.8 2.2 3.2



#58

2,3,4,6-Tetrachlorophenol

Concen: 42.582 ng/ul

RT: 15.339 min Scan# 2032

Delta R.T. 0.000 min

Lab File: BM037884.D

Acq: 08 Dec 2022 13:31

Tgt Ion:232 Resp: 387889

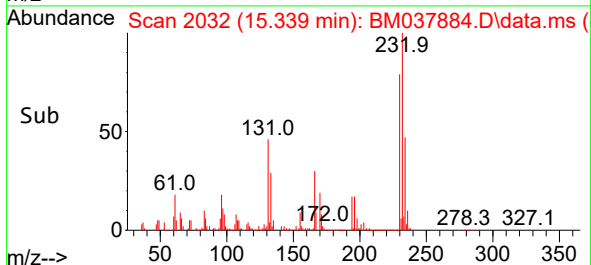
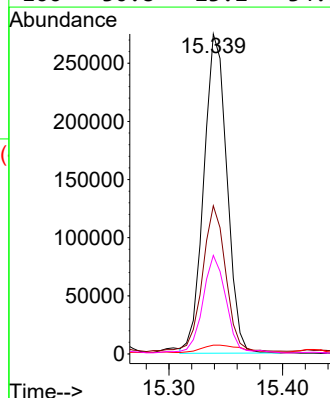
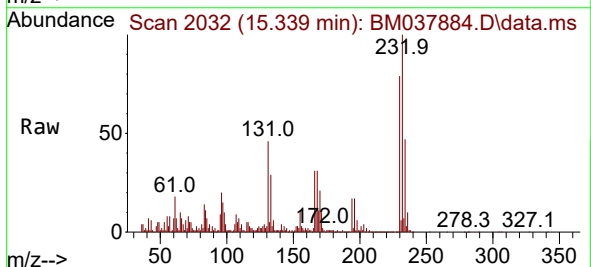
Ion Ratio Lower Upper

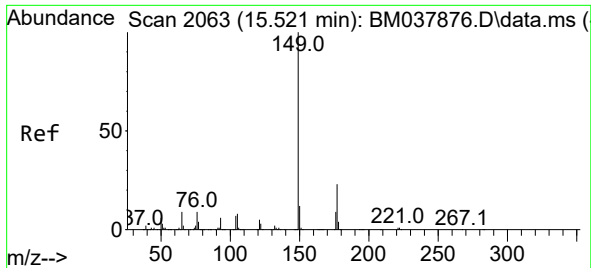
232 100

131 46.3 32.8 49.2

130 2.8 2.0 3.0

166 30.8 23.2 34.8

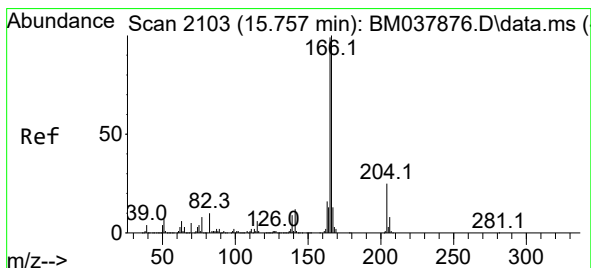
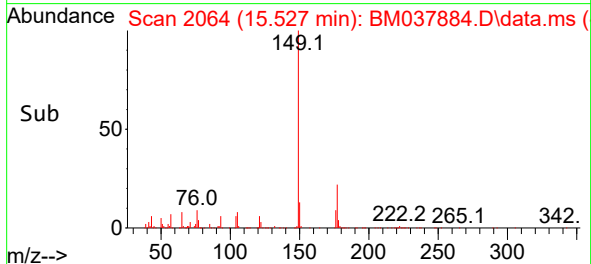
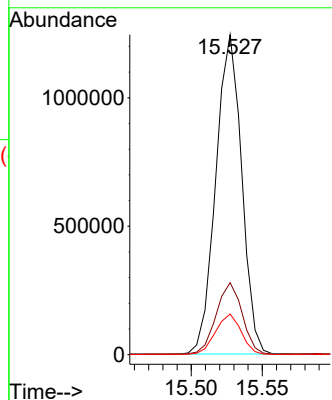
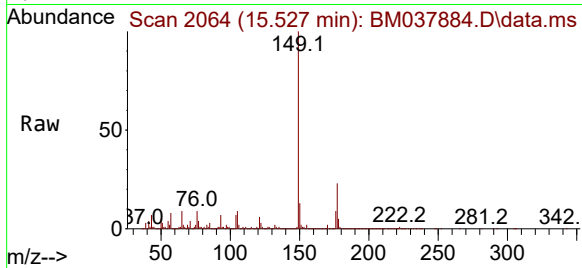




#59
Diethylphthalate
Concen: 43.017 ng/ul
RT: 15.527 min Scan# 2063
Delta R.T. 0.000 min
Lab File: BM037884.D
Acq: 08 Dec 2022 13:31

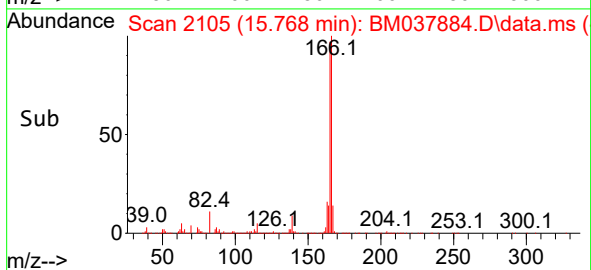
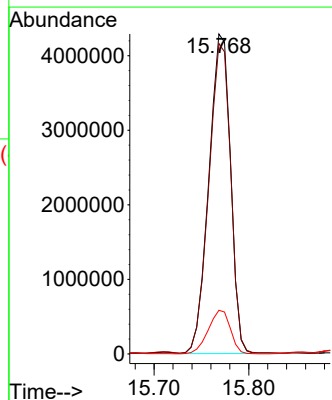
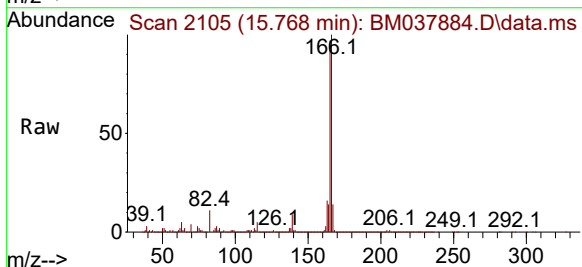
Instrument :
BNA_M
ClientSampleId :

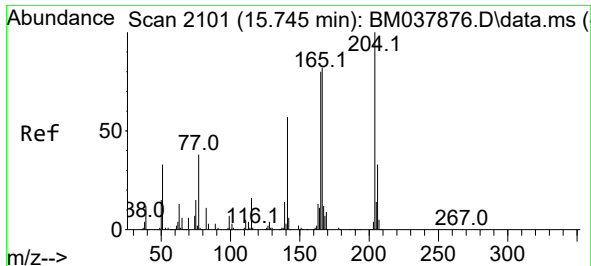
Tgt Ion:149 Resp: 1572630
Ion Ratio Lower Upper
149 100
177 22.5 18.5 27.7
150 12.7 9.5 14.3



#61
Fluorene
Concen: 176.995 ng/ul
RT: 15.768 min Scan# 2105
Delta R.T. 0.006 min
Lab File: BM037884.D
Acq: 08 Dec 2022 13:31

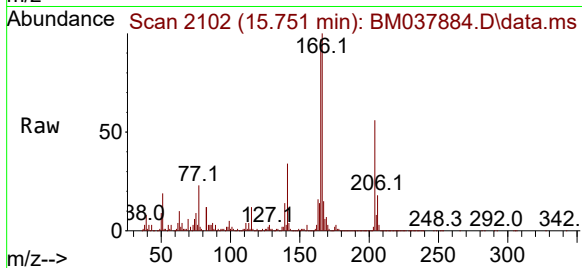
Tgt Ion:166 Resp: 6813503
Ion Ratio Lower Upper
166 100
165 97.0 77.2 115.8
167 13.6 10.4 15.6



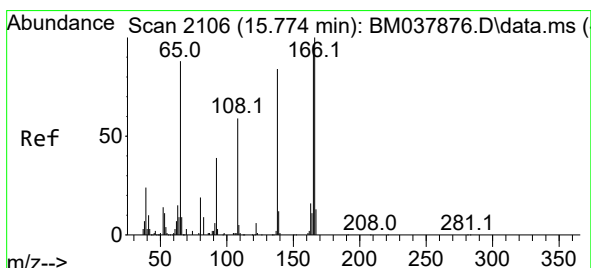
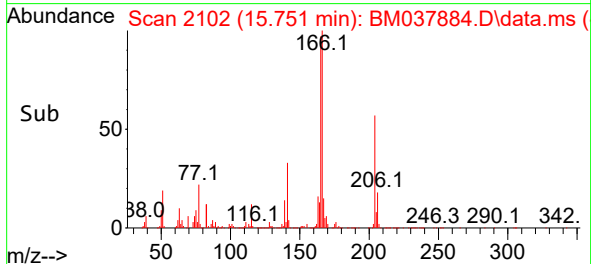
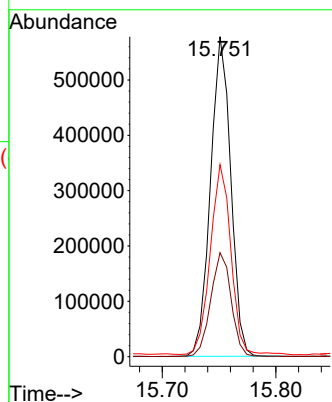


#62
4-Chlorophenyl-phenylether
Concen: 38.047 ng/ul
RT: 15.751 min Scan# 2102
Delta R.T. 0.000 min
Lab File: BM037884.D
Acq: 08 Dec 2022 13:31

Instrument :
BNA_M
ClientSampleId :

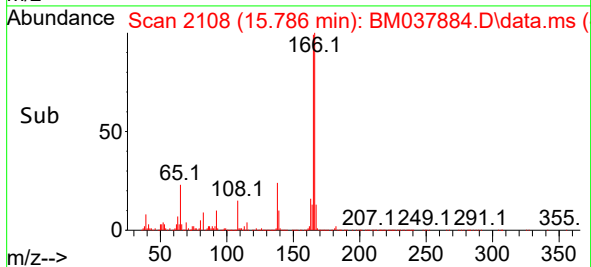
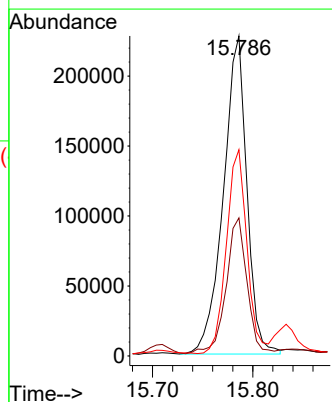
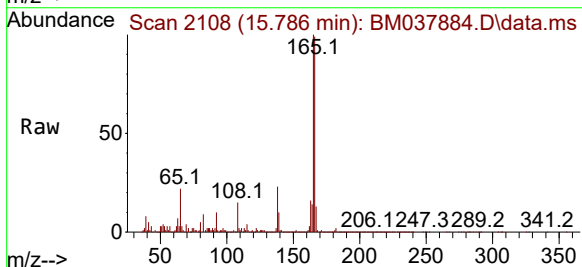


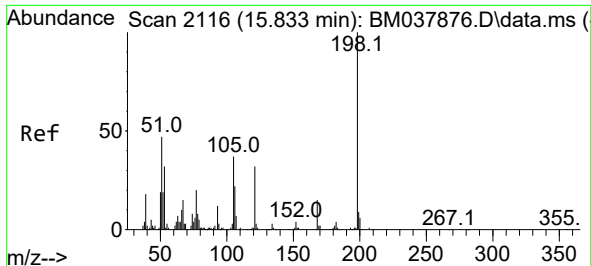
Tgt Ion:204 Resp: 715772
Ion Ratio Lower Upper
204 100
206 32.5 25.5 38.3
141 60.0 42.8 64.2



#63
4-Nitroaniline
Concen: 57.340 ng/ul
RT: 15.786 min Scan# 2108
Delta R.T. 0.006 min
Lab File: BM037884.D
Acq: 08 Dec 2022 13:31

Tgt Ion:138 Resp: 369758
Ion Ratio Lower Upper
138 100
92 43.2 36.1 54.1
108 64.5 51.6 77.4

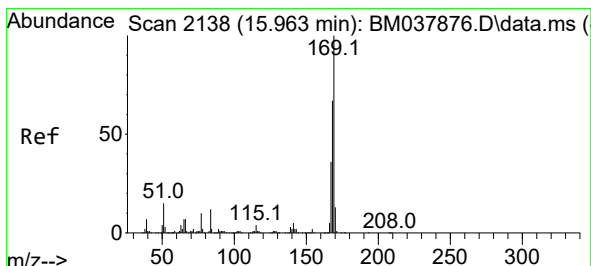
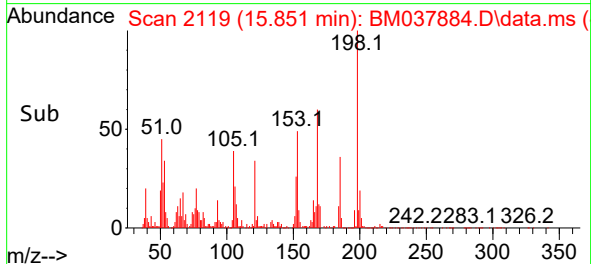
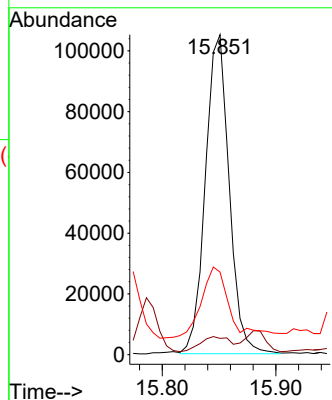
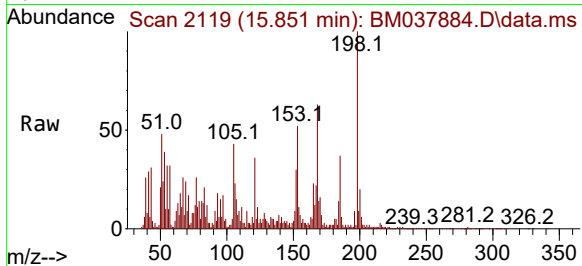




#66
 4,6-Dinitro-2-methylphenol
 Concen: 33.621 ng/ul
 RT: 15.851 min Scan# 2116
 Delta R.T. 0.018 min
 Lab File: BM037884.D
 Acq: 08 Dec 2022 13:31

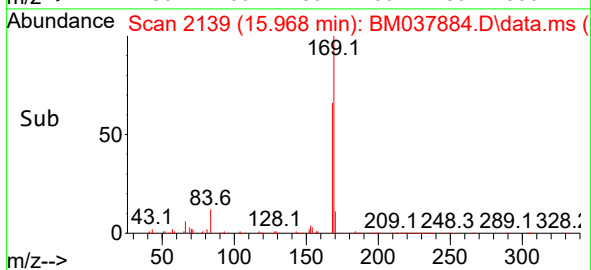
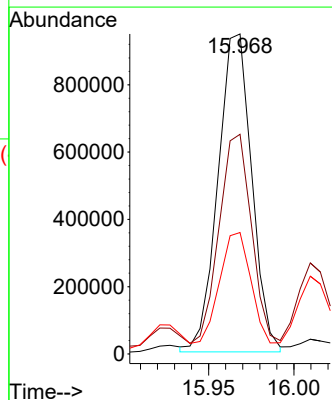
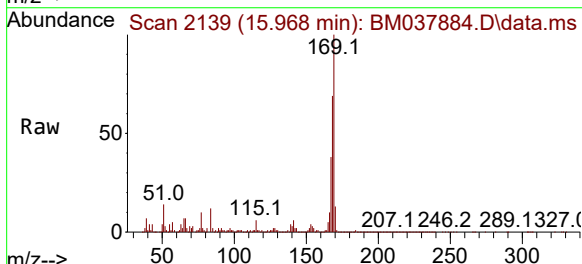
Instrument :
 BNA_M
 ClientSampleId :

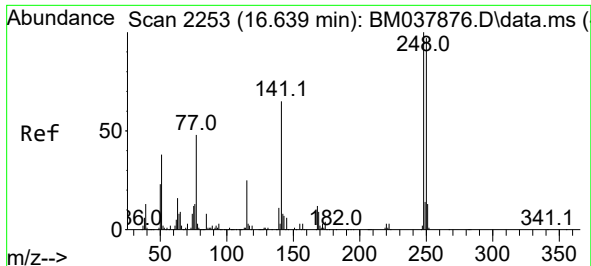
Tgt Ion:198 Resp: 152797
 Ion Ratio Lower Upper
 198 100
 182 5.1 3.8 5.8
 77 25.8 19.3 28.9



#67
 N-Nitrosodiphenylamine
 Concen: 49.236 ng/ul
 RT: 15.968 min Scan# 2139
 Delta R.T. 0.006 min
 Lab File: BM037884.D
 Acq: 08 Dec 2022 13:31

Tgt Ion:169 Resp: 1304100
 Ion Ratio Lower Upper
 169 100
 168 68.7 53.8 80.8
 167 38.0 29.3 43.9

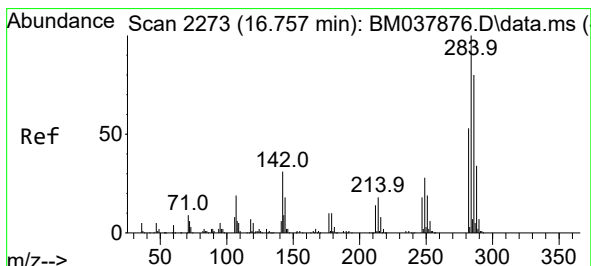
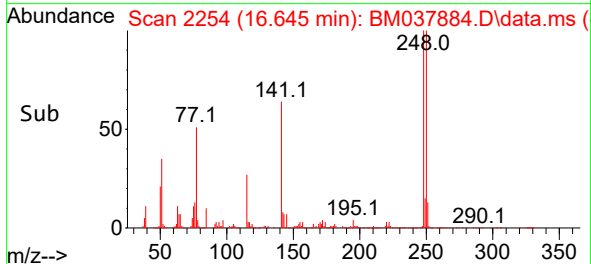
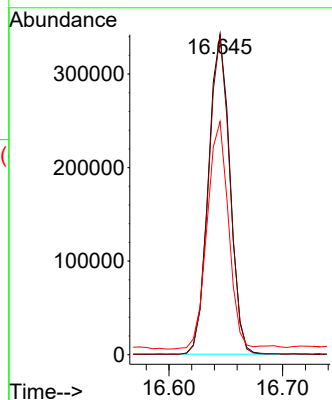
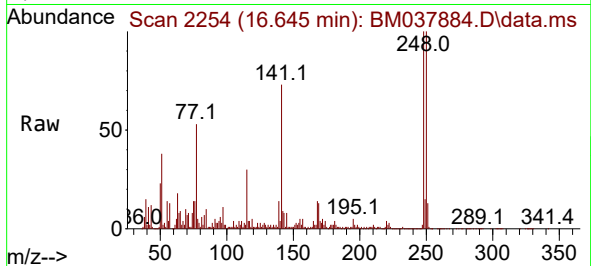




#68
4-Bromophenyl-phenylether
Concen: 46.700 ng/ul
RT: 16.645 min Scan# 2254
Delta R.T. 0.000 min
Lab File: BM037884.D
Acq: 08 Dec 2022 13:31

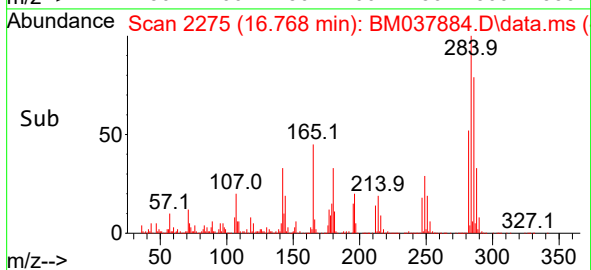
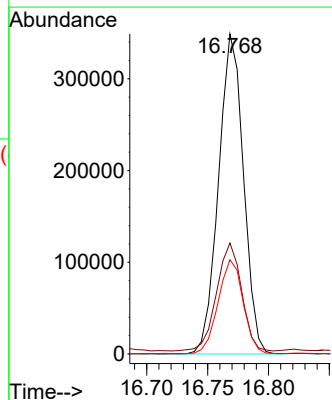
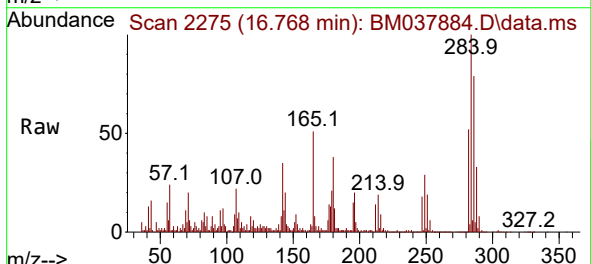
Instrument :
BNA_M
ClientSampleId :

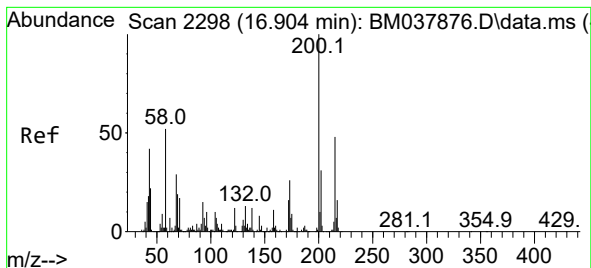
Tgt Ion:248 Resp: 449500
Ion Ratio Lower Upper
248 100
250 99.9 78.7 118.1
141 72.8 52.7 79.1



#69
Hexachlorobenzene
Concen: 43.268 ng/ul
RT: 16.768 min Scan# 2275
Delta R.T. 0.006 min
Lab File: BM037884.D
Acq: 08 Dec 2022 13:31

Tgt Ion:284 Resp: 497123
Ion Ratio Lower Upper
284 100
142 34.7 23.1 34.7
249 29.5 23.3 34.9





#70

Atrazine

Concen: 30.334 ng/ul

RT: 16.921 min Scan# 21

Delta R.T. 0.012 min

Lab File: BM037884.D

Acq: 08 Dec 2022 13:31

Instrument :

BNA_M

ClientSampleId :

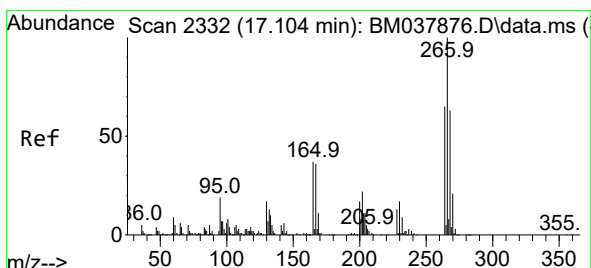
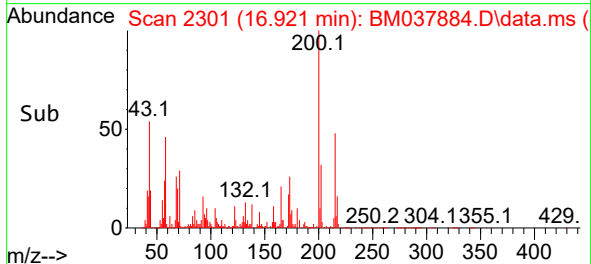
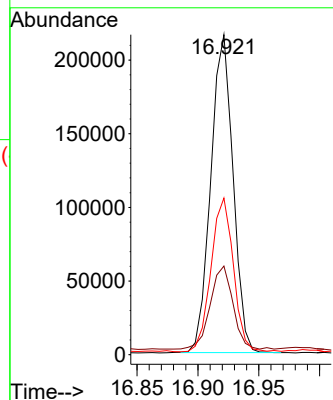
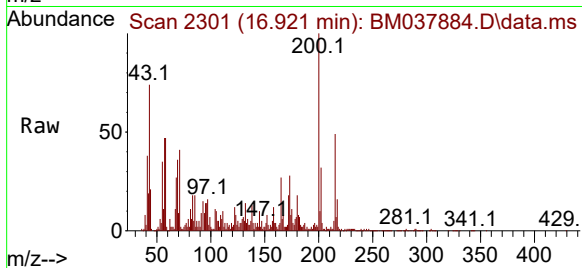
Tgt Ion:200 Resp: 274563

Ion Ratio Lower Upper

200 100

173 27.7 20.5 30.7

215 49.0 40.1 60.1



#71

Pentachlorophenol

Concen: 63.725 ng/ul

RT: 17.121 min Scan# 2335

Delta R.T. 0.018 min

Lab File: BM037884.D

Acq: 08 Dec 2022 13:31

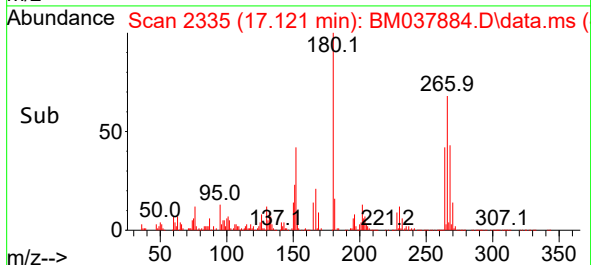
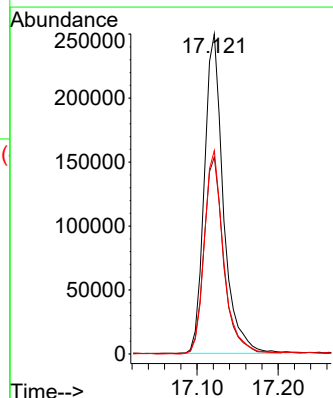
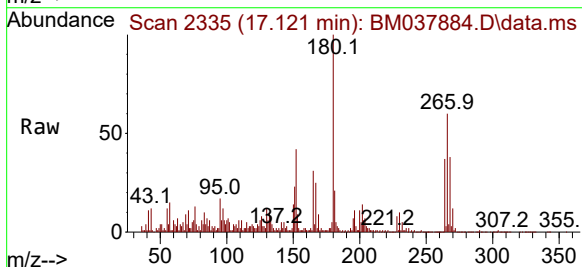
Tgt Ion:266 Resp: 407070

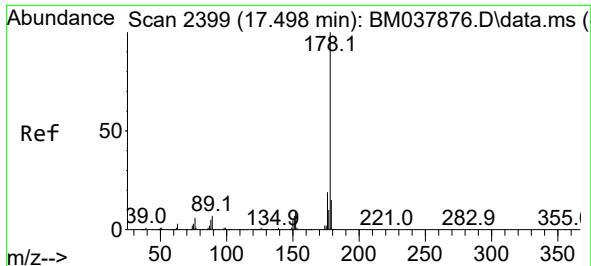
Ion Ratio Lower Upper

266 100

264 61.6 50.1 75.1

268 63.5 50.6 75.8

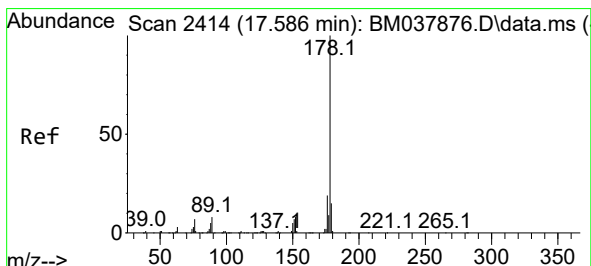
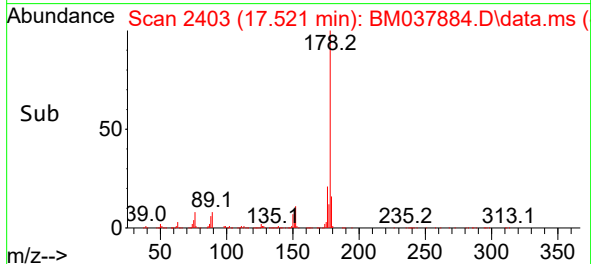
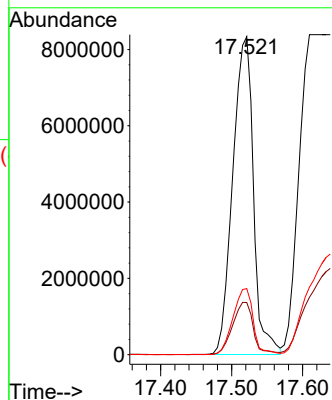
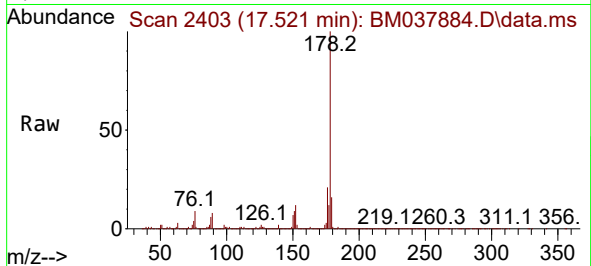




#72
Phenanthrene
Concen: 351.309 ng/ul
RT: 17.521 min Scan# 2403
Delta R.T. 0.024 min
Lab File: BM037884.D
Acq: 08 Dec 2022 13:31

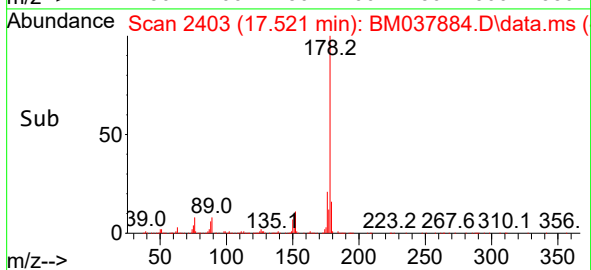
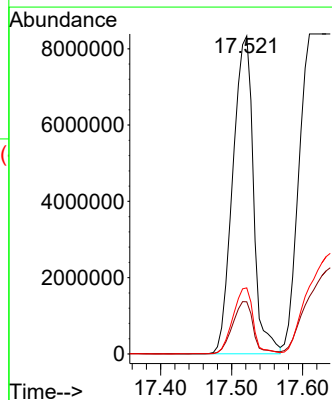
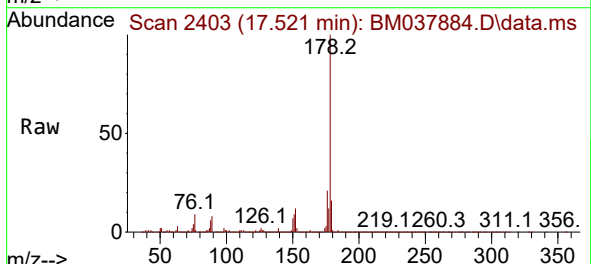
Instrument :
BNA_M
ClientSampleId :

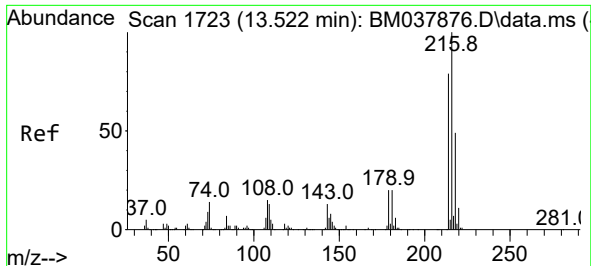
Tgt Ion:178 Resp:16845585
Ion Ratio Lower Upper
178 100
179 16.4 12.2 18.2
176 20.8 15.4 23.0



#74
Anthracene
Concen: 345.691 ng/ul
RT: 17.521 min Scan# 2403
Delta R.T. -0.071 min
Lab File: BM037884.D
Acq: 08 Dec 2022 13:31

Tgt Ion:178 Resp:16845585
Ion Ratio Lower Upper
178 100
179 16.4 11.8 17.8
176 20.8 15.0 22.6

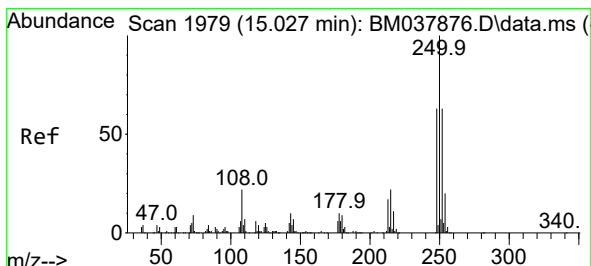
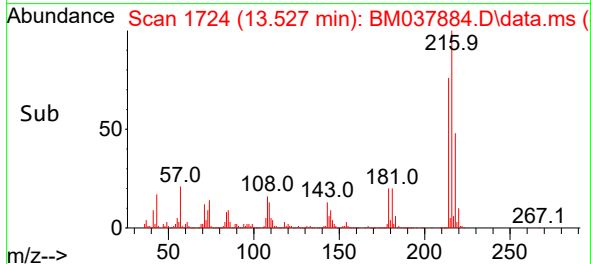
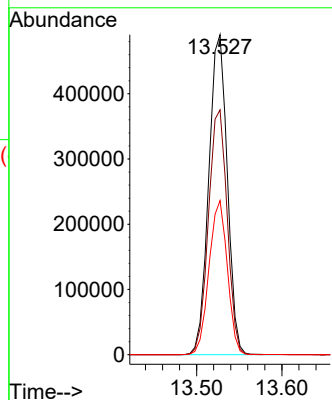
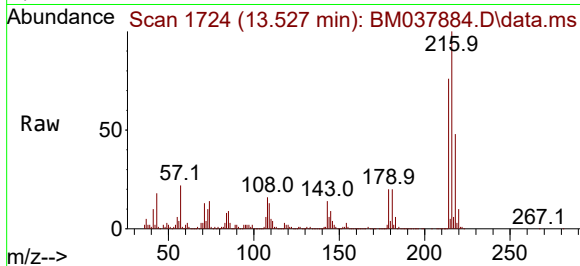




#75
1,2,3,4-Tetrachlorobenzene
Concen: 52.148 ng/uL
RT: 13.527 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM037884.D
Acq: 08 Dec 2022 13:31

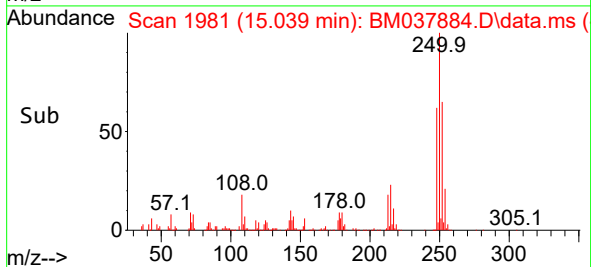
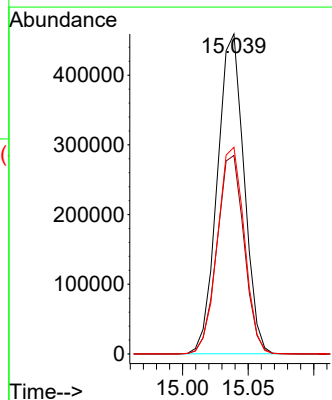
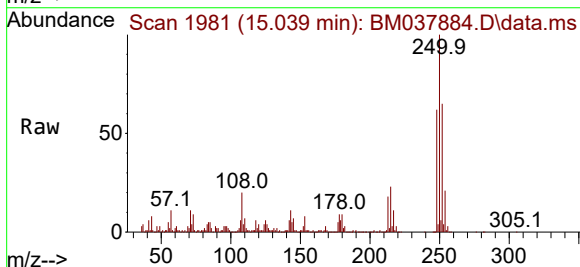
Instrument :
BNA_M
ClientSampleId :

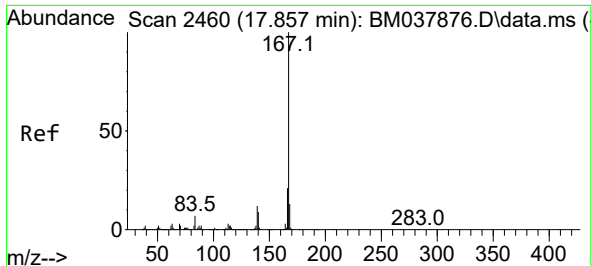
Tgt Ion:216 Resp: 740256
Ion Ratio Lower Upper
216 100
214 76.5 62.6 93.8
218 48.2 38.3 57.5



#76
Pentachlorobenzene
Concen: 46.285 ng/uL
RT: 15.039 min Scan# 1981
Delta R.T. 0.006 min
Lab File: BM037884.D
Acq: 08 Dec 2022 13:31

Tgt Ion:250 Resp: 650841
Ion Ratio Lower Upper
250 100
248 62.0 51.0 76.4
252 64.6 51.8 77.6

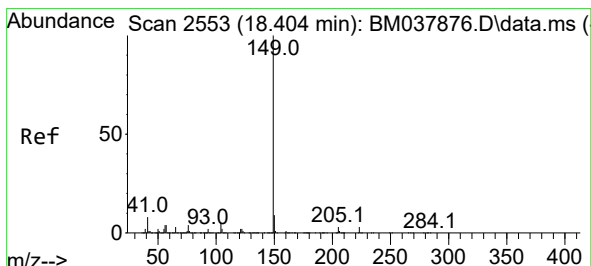
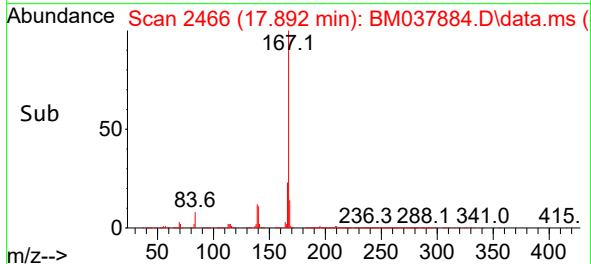
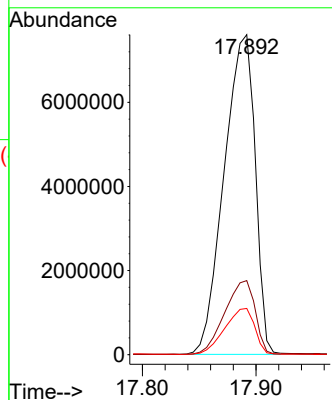
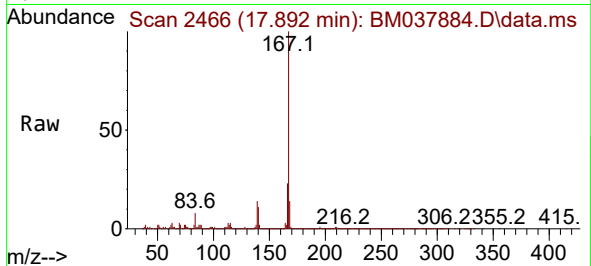




#77
Carbazole
Concen: 341.411 ng/ul
RT: 17.892 min Scan# 2466
Delta R.T. 0.035 min
Lab File: BM037884.D
Acq: 08 Dec 2022 13:31

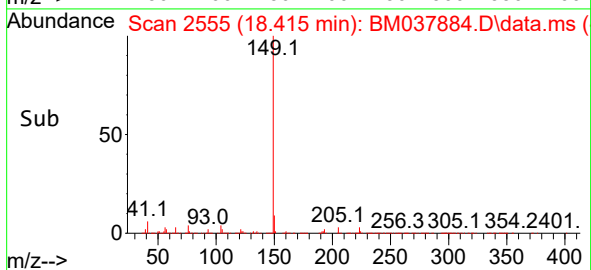
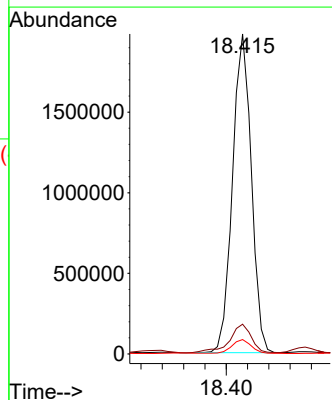
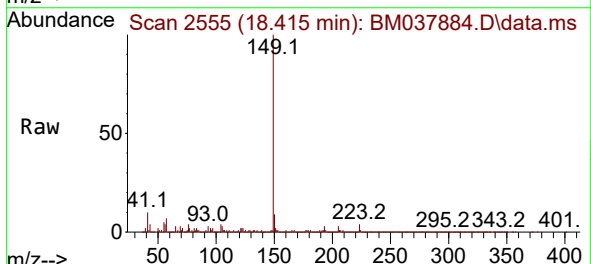
Instrument :
BNA_M
ClientSampleId :

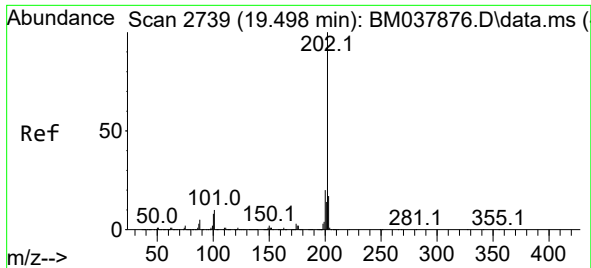
Tgt Ion:167 Resp:14413974
Ion Ratio Lower Upper
167 100
166 23.1 16.7 25.1
139 14.5 9.8 14.6



#78
Di-n-butylphthalate
Concen: 48.441 ng/ul
RT: 18.415 min Scan# 2555
Delta R.T. 0.006 min
Lab File: BM037884.D
Acq: 08 Dec 2022 13:31

Tgt Ion:149 Resp: 2430910
Ion Ratio Lower Upper
149 100
150 9.3 7.3 10.9
104 4.5 3.4 5.2

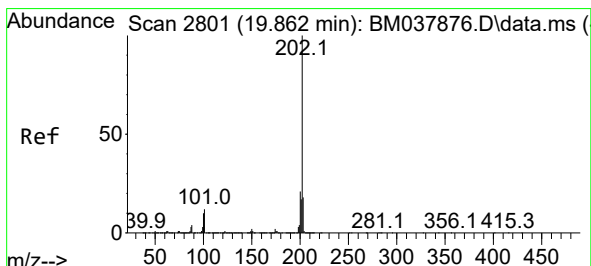
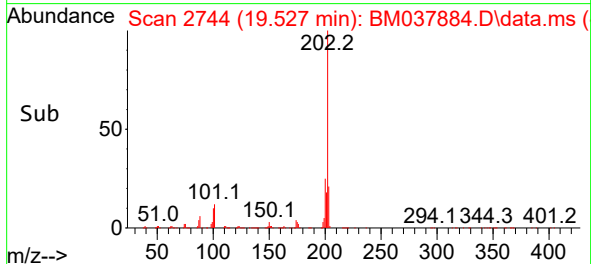
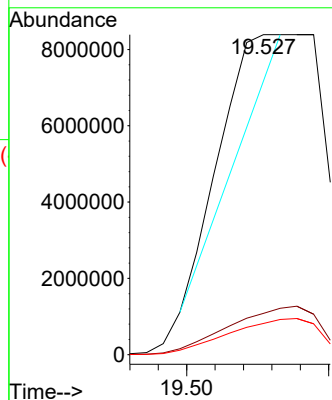
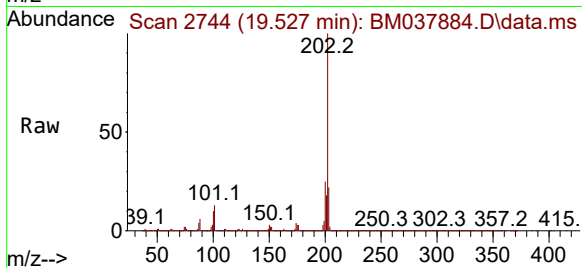




#80
Fluoranthene
Concen: 102.901 ng/uI
RT: 19.527 min Scan# 21
Delta R.T. 0.024 min
Lab File: BM037884.D
Acq: 08 Dec 2022 13:31

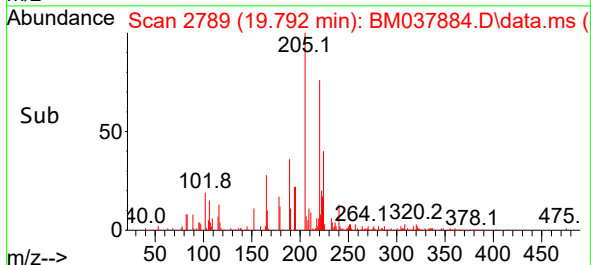
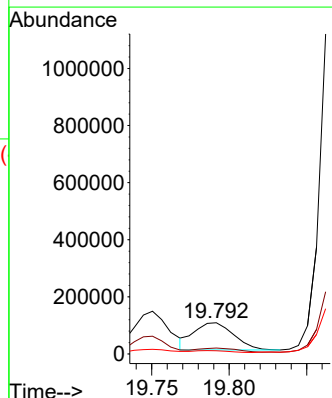
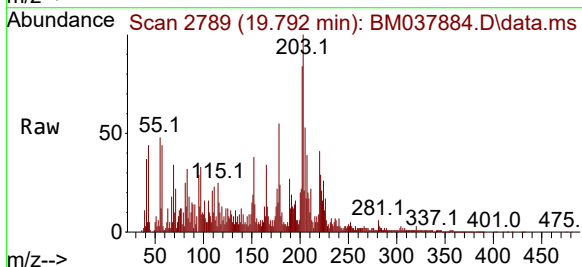
Instrument :
BNA_M
ClientSampleId :

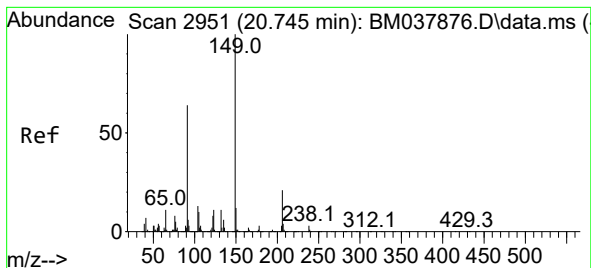
Tgt Ion:202 Resp: 4035290
Ion Ratio Lower Upper
202 100
101 12.9 8.6 13.0
100 9.7 6.6 10.0



#82
Pyrene
Concen: 4.149 ng/uI
RT: 19.792 min Scan# 2789
Delta R.T. -0.076 min
Lab File: BM037884.D
Acq: 08 Dec 2022 13:31

Tgt Ion:202 Resp: 169317
Ion Ratio Lower Upper
202 100
101 18.9 10.0 15.0#
100 10.5 7.9 11.9





#83

Butylbenzylphthalate

Concen: 64.773 ng/ul

RT: 20.756 min Scan# 2951

Delta R.T. 0.012 min

Lab File: BM037884.D

Acq: 08 Dec 2022 13:31

Instrument :

BNA_M

ClientSampleId :

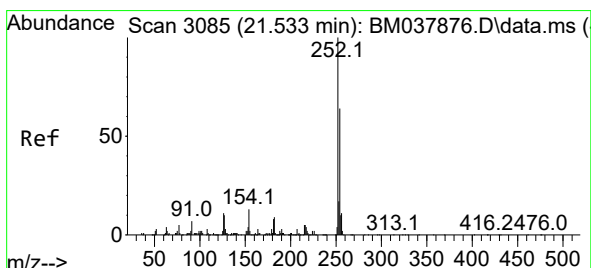
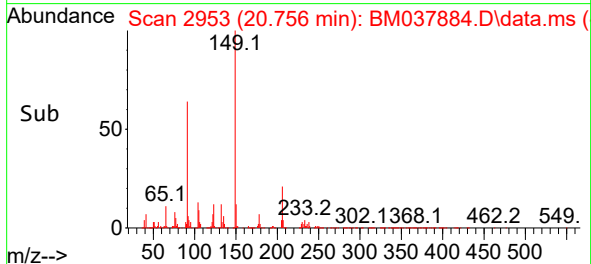
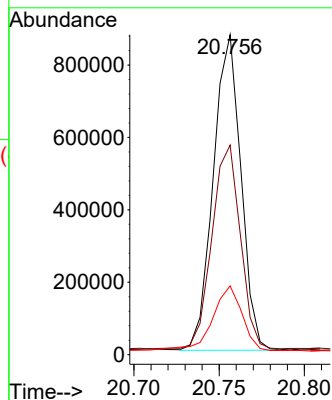
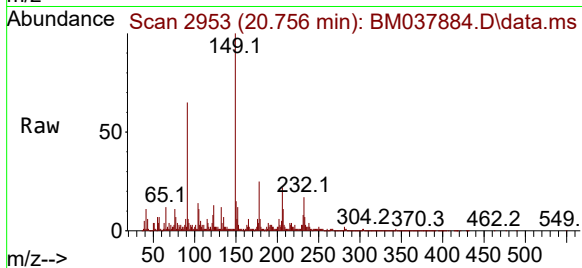
Tgt Ion:149 Resp: 983007

Ion Ratio Lower Upper

149 100

91 65.5 54.5 81.7

206 21.5 15.8 23.8



#84

3,3'-Dichlorobenzidine

Concen: 52.113 ng/ul

RT: 21.556 min Scan# 3089

Delta R.T. 0.018 min

Lab File: BM037884.D

Acq: 08 Dec 2022 13:31

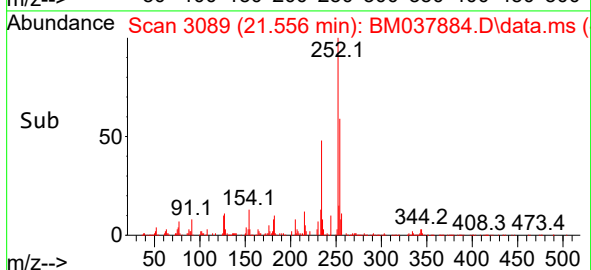
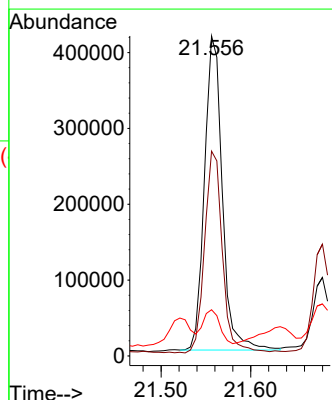
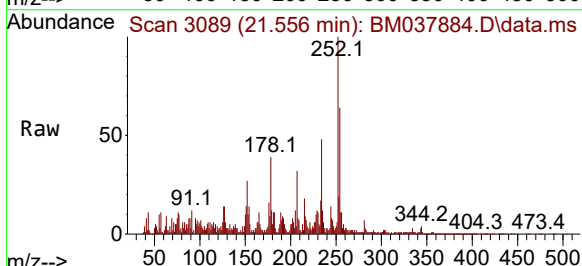
Tgt Ion:252 Resp: 570419

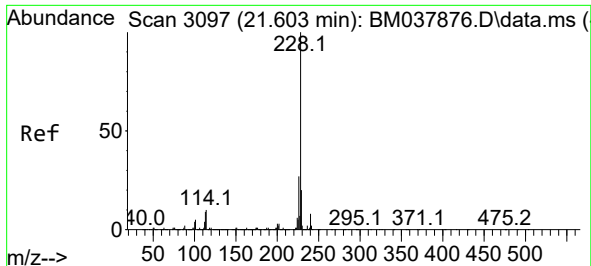
Ion Ratio Lower Upper

252 100

254 64.0 53.2 79.8

126 14.5 7.8 11.8#

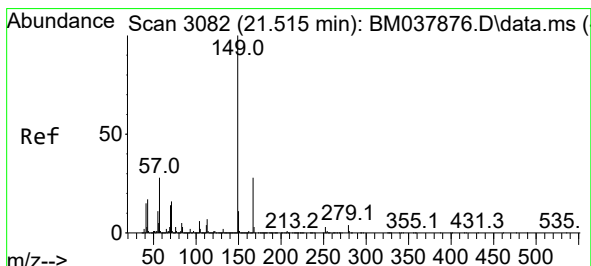
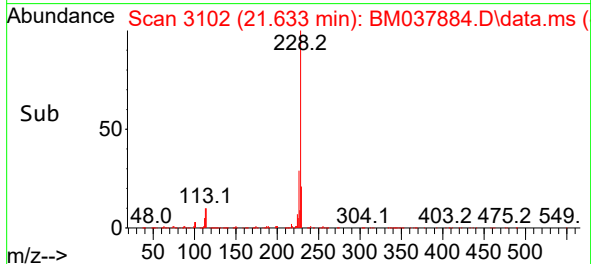
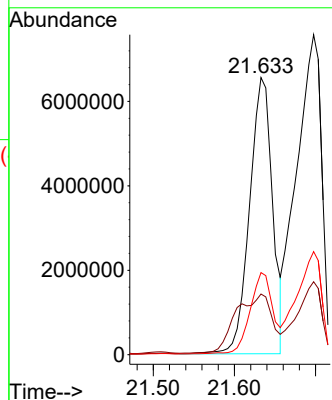
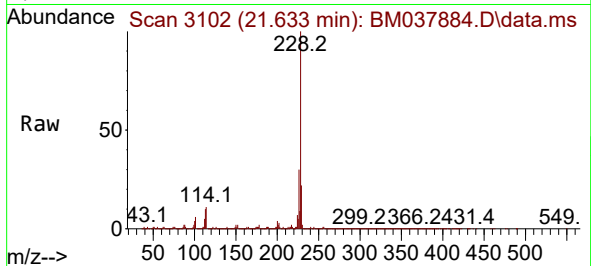




#85
Benzo(a)anthracene
Concen: 346.024 ng/ul
RT: 21.633 min Scan# 3102
Delta R.T. 0.024 min
Lab File: BM037884.D
Acq: 08 Dec 2022 13:31

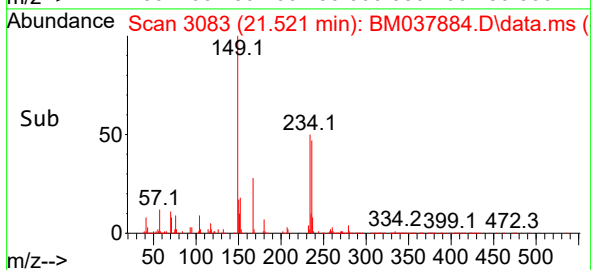
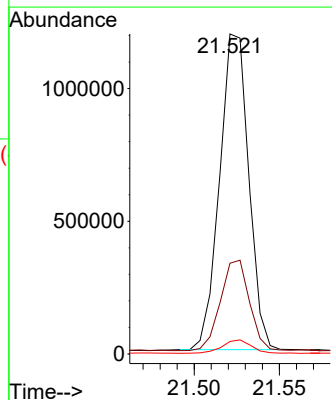
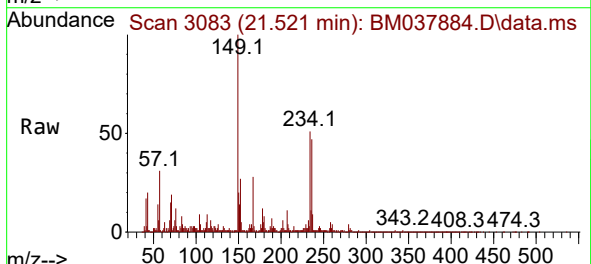
Instrument :
BNA_M
ClientSampleId :

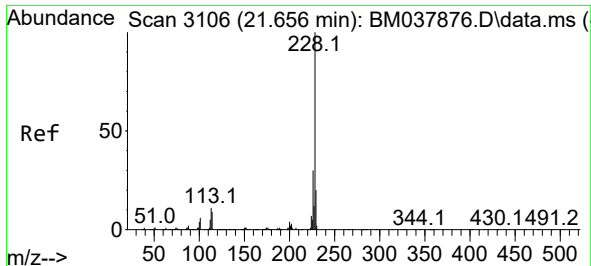
Tgt Ion:228 Resp:12886048
Ion Ratio Lower Upper
228 100
229 21.9 15.5 23.3
226 29.6 21.8 32.8



#86
Bis(2-ethylhexyl)phthalate
Concen: 64.079 ng/ul
RT: 21.521 min Scan# 3083
Delta R.T. 0.006 min
Lab File: BM037884.D
Acq: 08 Dec 2022 13:31

Tgt Ion:149 Resp: 1414718
Ion Ratio Lower Upper
149 100
167 28.3 21.5 32.3
279 3.9 3.2 4.8

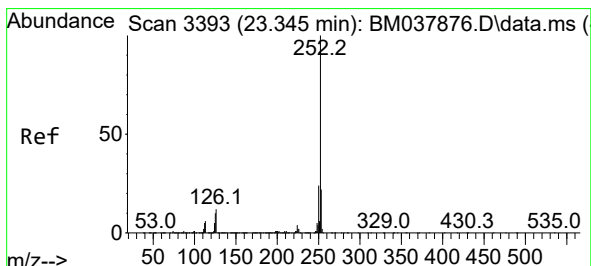
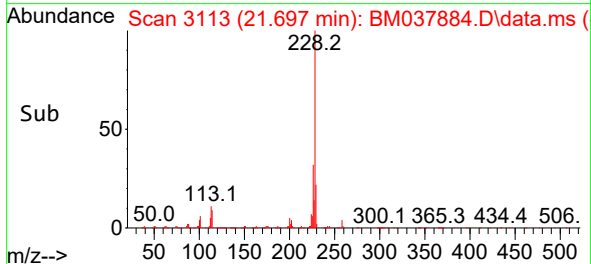
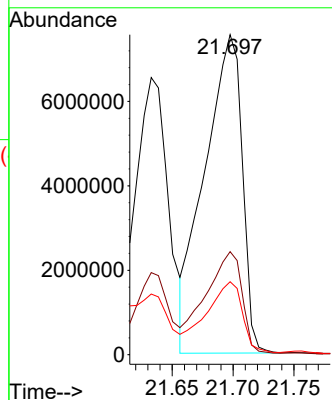
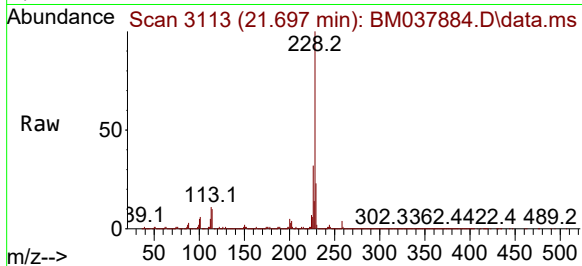




#87
Chrysene
Concen: 464.601 ng/u1
RT: 21.697 min Scan# 3113
Delta R.T. 0.035 min
Lab File: BM037884.D
Acq: 08 Dec 2022 13:31

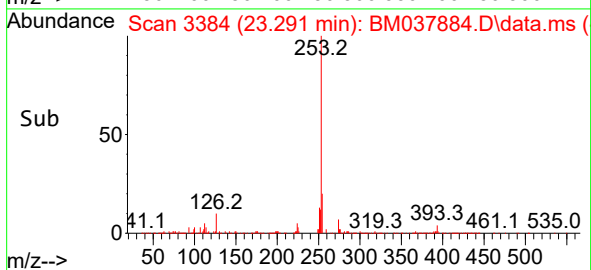
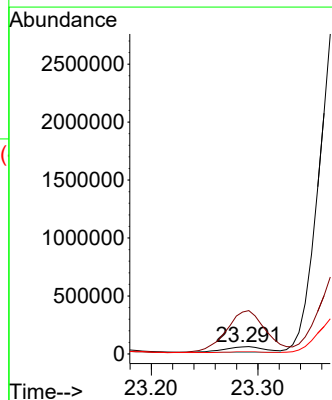
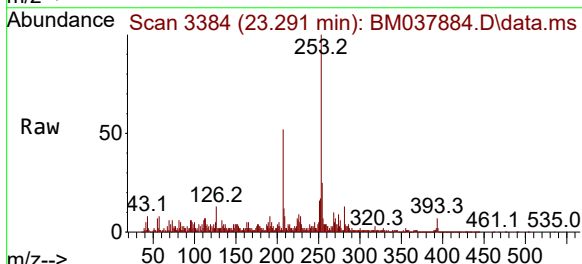
Instrument :
BNA_M
ClientSampleId :

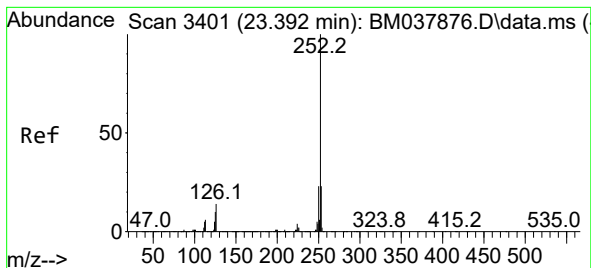
Tgt Ion:228 Resp:16233434
Ion Ratio Lower Upper
228 100
226 32.2 24.3 36.5
229 22.8 15.6 23.4



#90
Benzo(b)fluoranthene
Concen: 1.257 ng/u1
RT: 23.291 min Scan# 3384
Delta R.T. -0.053 min
Lab File: BM037884.D
Acq: 08 Dec 2022 13:31

Tgt Ion:252 Resp: 130129
Ion Ratio Lower Upper
252 100
253 590.1 17.6 26.4#
125 28.7 8.0 12.0#





#91

Benzo(k)fluoranthene

Concen: 215.660 ng/ul

RT: 23.403 min Scan# 34

Delta R.T. 0.006 min

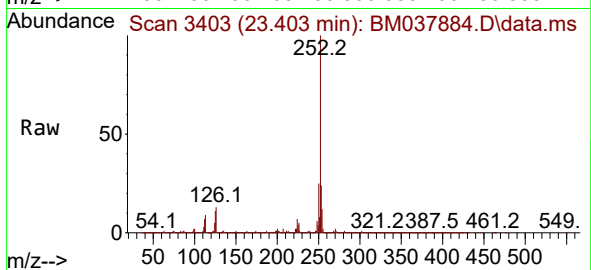
Lab File: BM037884.D

Acq: 08 Dec 2022 13:31

Instrument :

BNA_M

ClientSampleId :



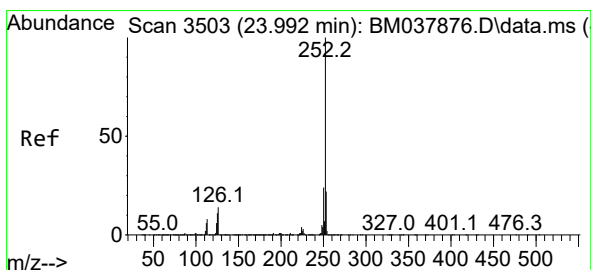
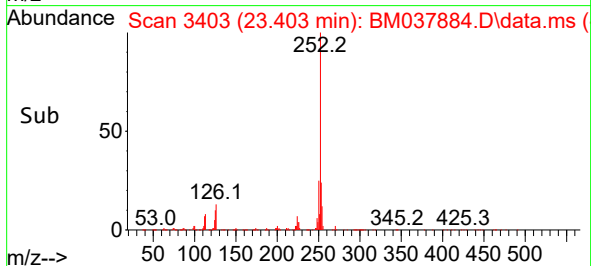
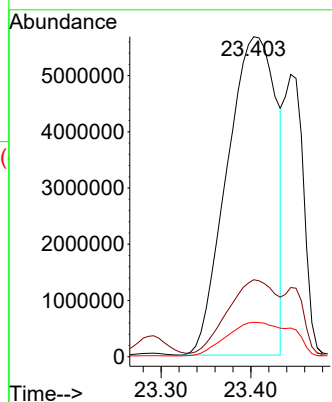
Tgt Ion:252 Resp:21632398

Ion Ratio Lower Upper

252 100

253 24.1 17.4 26.2

125 10.7 8.1 12.1



#93

Benzo(a)pyrene

Concen: 111.225 ng/ul

RT: 23.944 min Scan# 3495

Delta R.T. -0.053 min

Lab File: BM037884.D

Acq: 08 Dec 2022 13:31

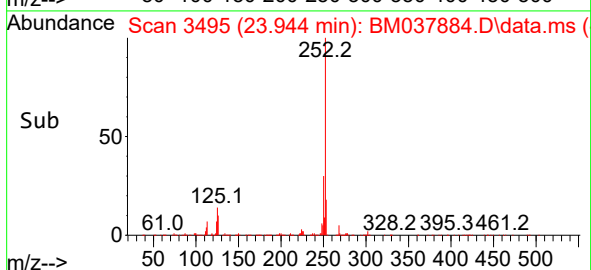
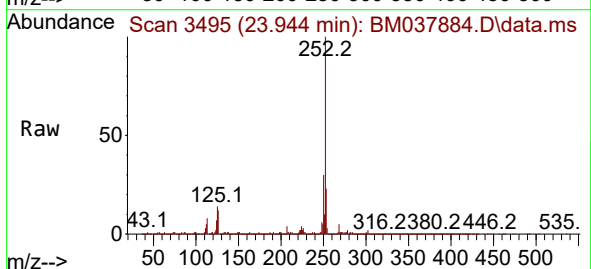
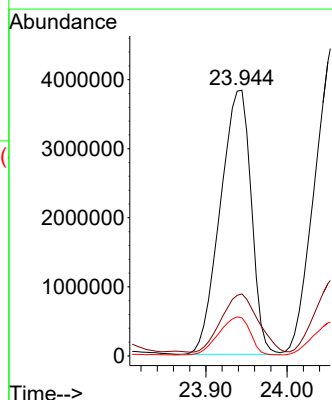
Tgt Ion:252 Resp:10123228

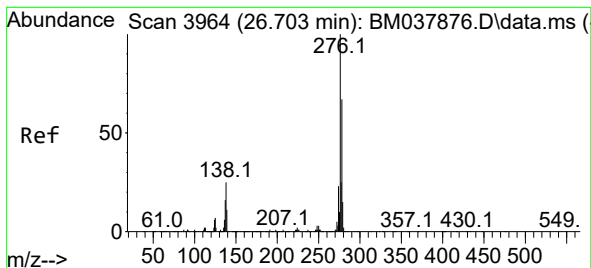
Ion Ratio Lower Upper

252 100

253 23.4 17.4 26.0

125 14.3 9.4 14.0#





#94

Indeno(1,2,3-cd)pyrene

Concen: 1.290 ng/ul

RT: 26.550 min Scan# 39

Delta R.T. -0.159 min

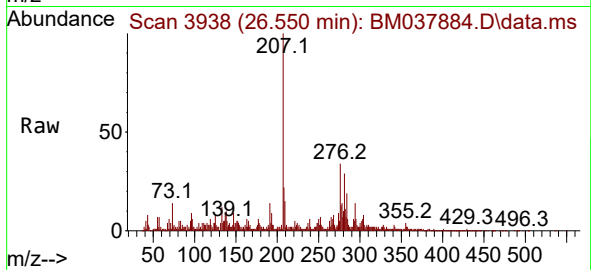
Lab File: BM037884.D

Acq: 08 Dec 2022 13:31

Instrument :

BNA_M

ClientSampleId :



Tgt Ion:276 Resp: 151264

Ion Ratio Lower Upper

276 100

138 27.7 19.3 28.9

277 37.9 19.8 29.8#

