

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120722\
 Data File : BM037874.D
 Acq On : 07 Dec 2022 17:39
 Operator : CG/JU
 Sample : SSTDICV020
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SICV011

Quant Time: Dec 08 01:51:28 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	8.086	152	226692	20.000	ng/ul	0.00
20) Naphthalene-d8	10.910	136	963612	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.715	164	600968	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.456	188	1239688	20.000	ng/ul	0.00
79) Chrysene-d12	21.627	240	853701	20.000	ng/ul	0.00
88) Perylene-d12	24.115	264	864442	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.422	96	35336	7.078	ng/uL	0.00
4) Pyridine-d5	3.863	84	287434	19.407	ng/ul	0.00
7) Phenol-d5	7.239	99	355571	19.302	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.410	67	211550	18.860	ng/ul	0.00
11) 2-Chlorophenol-d4	7.610	132	291510	19.291	ng/ul	0.00
15) 4-Methylphenol-d8	8.798	113	281524	19.578	ng/ul	0.00
21) Nitrobenzene-d5	9.257	128	150557	19.734	ng/ul	0.00
24) 2-Nitrophenol-d4	9.980	143	159753	19.981	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.522	165	307615	20.256	ng/ul	0.00
31) 4-Chloroaniline-d4	11.045	131	413912	19.745	ng/ul	0.00
46) Dimethylphthalate-d6	14.121	166	844476	19.710	ng/ul	0.00
49) Acenaphthylene-d8	14.410	160	1032889	19.725	ng/ul	0.00
54) 4-Nitrophenol-d4	14.910	143	134917	18.477	ng/ul	0.00
60) Fluorene-d10	15.704	176	776241	20.335	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.821	200	110358	16.651	ng/ul	0.00
73) Anthracene-d10	17.556	188	1163217	20.105	ng/ul	0.00
81) Pyrene-d10	19.839	212	1125535	21.948	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.950	264	863707	20.004	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.457	88	40698	7.771	ng/uL	95
5) Pyridine	3.881	79	286241	19.231	ng/ul	98
6) Benzaldehyde	7.216	77	129628	18.814	ng/ul	98
8) Phenol	7.263	94	365434	19.780	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.498	93	298248	19.659	ng/ul	99
12) 2-Chlorophenol	7.645	128	319242	20.656	ng/ul	100
13) 2-Methylphenol	8.528	108	285276	20.178	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.610	45	550267	20.087	ng/ul	98
16) Acetophenone	8.916	105	457472	20.229	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.904	70	221013	20.746	ng/ul	96
18) 4-Methylphenol	8.863	108	309492	20.235	ng/ul	99
19) Hexachloroethane	9.175	117	123573	20.001	ng/ul	97
22) Nitrobenzene	9.298	77	330997	20.163	ng/ul	97
23) Isophorone	9.828	82	619548	20.595	ng/ul	99
25) 2-Nitrophenol	10.016	139	178018	21.237	ng/ul	98
26) 2,4-Dimethylphenol	10.069	107	330458	20.386	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.310	93	398499	19.928	ng/ul	99
29) 2,4-Dichlorophenol	10.551	162	312406	20.967	ng/ul	98
30) Naphthalene	10.957	128	1051227	20.215	ng/ul	99
32) 4-Chloroaniline	11.069	127	433679	20.746	ng/ul	99
33) Hexachlorobutadiene	11.239	225	202450	20.654	ng/ul	98
34) Caprolactam	11.857	113	77510	20.280	ng/ul	90
35) 4-Chloro-3-methylphenol	12.180	107	302779	22.325	ng/ul	98
36) 2-Methylnaphthalene	12.557	142	719775	21.340	ng/ul	98

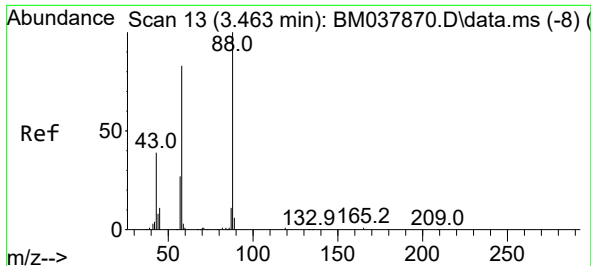
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.774	142	723602	20.981	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.921	216	391691	19.948	ng/ul	99
40) Hexachlorocyclopentadiene	12.898	237	185617	16.525	ng/ul	99
41) 2,4,6-Trichlorophenol	13.157	196	250122	20.912	ng/ul	99
42) 2,4,5-Trichlorophenol	13.227	196	260569	20.889	ng/ul	98
43) 1,1'-Biphenyl	13.551	154	942602	19.513	ng/ul	100
44) 2-Chloronaphthalene	13.598	162	749094	20.102	ng/ul	99
45) 2-Nitroaniline	13.804	65	193176	21.514	ng/ul	91
47) Dimethylphthalate	14.168	163	880376	20.827	ng/ul	99
48) 2,6-Dinitrotoluene	14.292	165	176709	21.521	ng/ul	98
50) Acenaphthylene	14.439	152	1150902	19.988	ng/ul	99
51) 3-Nitroaniline	14.621	138	157854	19.269	ng/ul	96
52) Acenaphthene	14.780	153	806647	20.254	ng/ul	100
53) 2,4-Dinitrophenol	14.827	184	67859	16.842	ng/ul	97
55) 4-Nitrophenol	14.921	109	93591	19.436	ng/ul	95
56) Dibenzofuran	15.110	168	1109156	20.399	ng/ul	98
57) 2,4-Dinitrotoluene	15.074	165	246840	22.199	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.333	232	230223	21.941	ng/ul	98
59) Diethylphthalate	15.521	149	890496	21.146	ng/ul	99
61) Fluorene	15.762	166	934943	21.084	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.751	204	461874	21.314	ng/ul	99
63) 4-Nitroaniline	15.780	138	146787	19.761	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.833	198	115805	18.048	ng/ul	96
67) N-Nitrosodiphenylamine	15.962	169	760783	20.345	ng/ul	99
68) 4-Bromophenyl-phenylether	16.639	248	275020	20.238	ng/ul	97
69) Hexachlorobenzene	16.756	284	331797	20.454	ng/ul	96
70) Atrazine	16.909	200	242363	18.966	ng/ul	98
71) Pentachlorophenol	17.104	266	172001	19.072	ng/ul	99
72) Phenanthrene	17.498	178	1395076	20.607	ng/ul	99
74) Anthracene	17.592	178	1424085	20.699	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.521	216	391366	19.528	ng/ul	98
76) Pentachlorobenzene	15.033	250	430075	21.663	ng/ul	98
77) Carbazole	17.856	167	1202428	20.173	ng/ul	100
78) Di-n-butylphthalate	18.409	149	1500440	21.177	ng/ul	99
80) Fluoranthene	19.503	202	1421847	23.493	ng/ul	99
82) Pyrene	19.868	202	1441751	22.889	ng/ul	99
83) Butylbenzylphthalate	20.750	149	527307	22.514	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.539	252	340595	20.162	ng/ul	98
85) Benzo(a)anthracene	21.609	228	1188228	20.674	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.521	149	771443	22.641	ng/ul	98
87) Chrysene	21.668	228	1095855	20.322	ng/ul	100
89) Di-n-octyl phthalate	22.468	149	1165060	21.034	ng/ul	100
90) Benzo(b)fluoranthene	23.350	252	1115189	20.809	ng/ul	99
91) Benzo(k)fluoranthene	23.397	252	1090319	20.992	ng/ul	99
93) Benzo(a)pyrene	24.003	252	962510	20.424	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.715	276	1118902	18.435	ng/ul	97
95) Dibenzo(a,h)anthracene	26.726	278	1040418	20.334	ng/ul	98
96) Benzo(g,h,i)perylene	27.520	276	960210	19.815	ng/ul	96

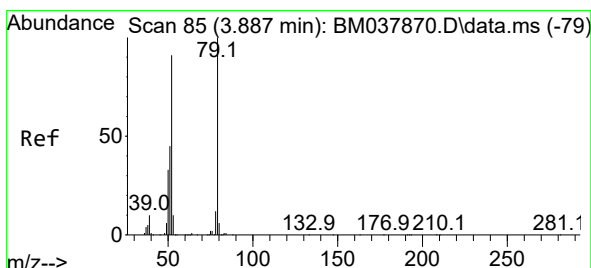
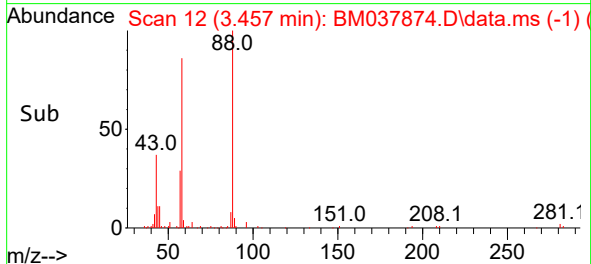
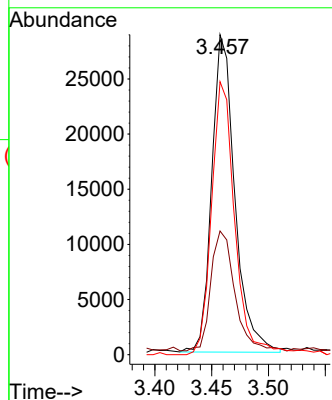
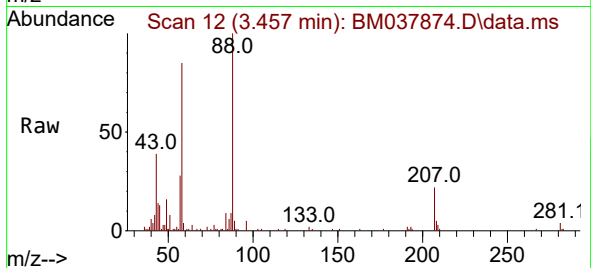
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#2
1,4-Dioxane
Concen: 7.771 ng/uL
RT: 3.457 min Scan# 11
Delta R.T. -0.006 min
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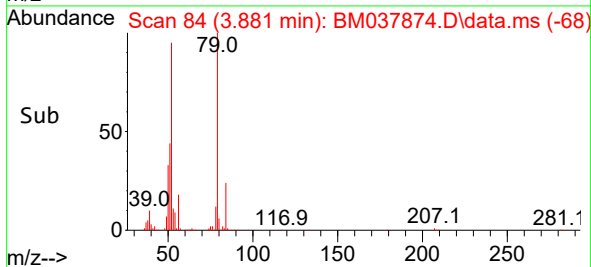
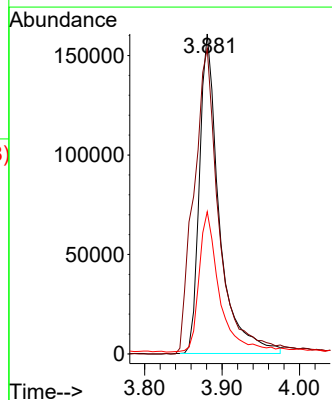
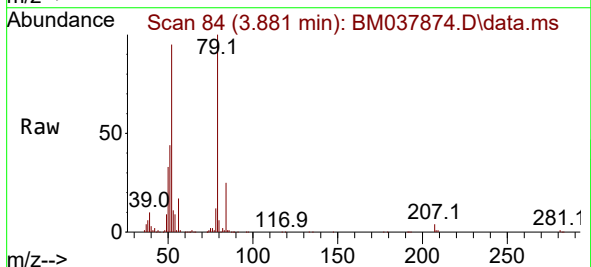
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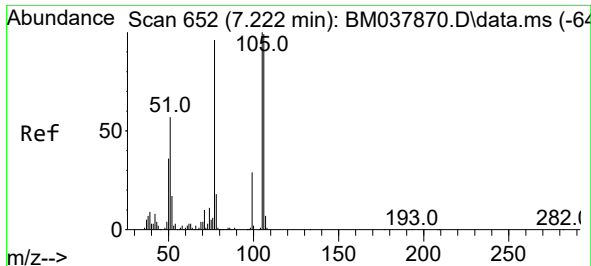
Tgt Ion: 88 Resp: 40698
Ion Ratio Lower Upper
88 100
43 38.7 32.8 49.2
58 85.3 64.6 97.0



#5
Pyridine
Concen: 19.231 ng/uL
RT: 3.881 min Scan# 84
Delta R.T. -0.006 min
Lab File: BM037874.D
Acq: 07 Dec 2022 17:39

Tgt Ion: 79 Resp: 286241
Ion Ratio Lower Upper
79 100
52 95.5 78.1 117.1
51 44.5 37.2 55.8

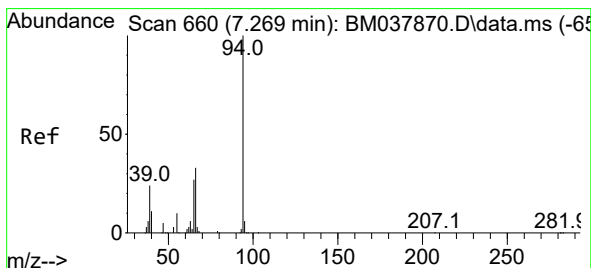
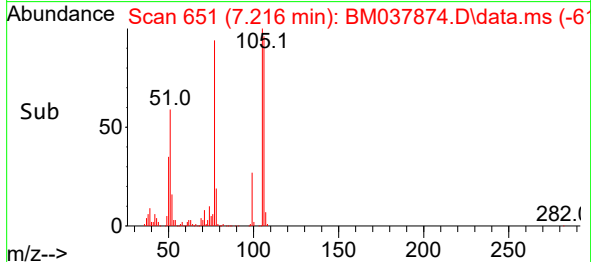
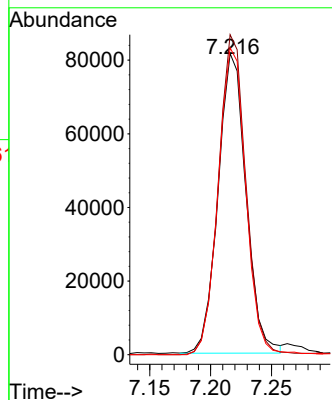
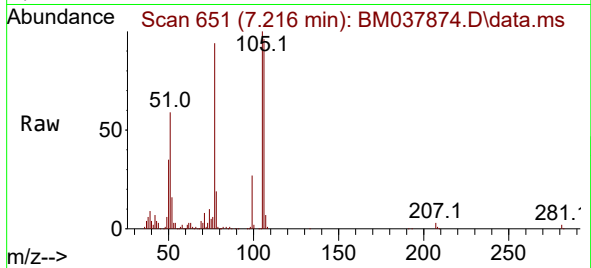




#6
Benzaldehyde
Concen: 18.814 ng/ul
RT: 7.216 min Scan# 610
Delta R.T. -0.006 min
Lab File: BM037874.D
Acq: 07 Dec 2022 17:39

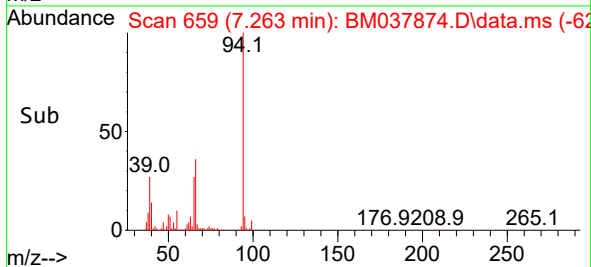
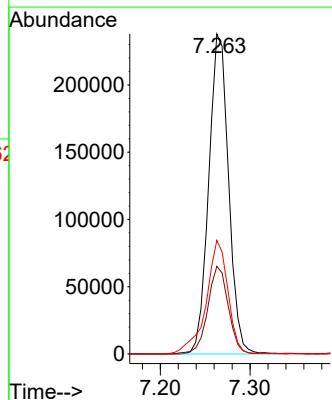
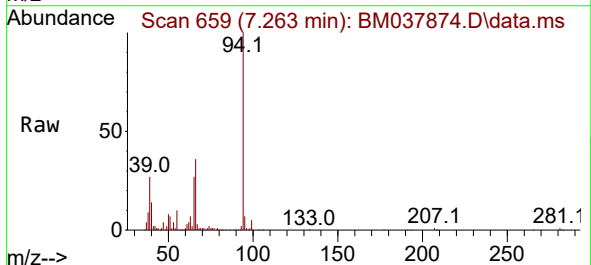
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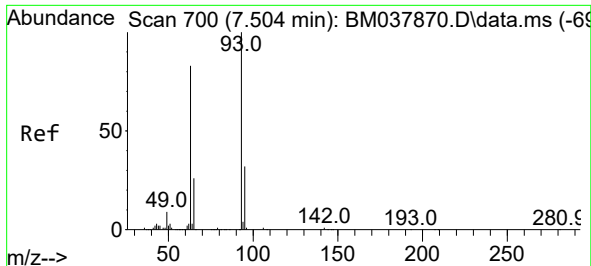
Tgt Ion: 77 Resp: 129628
Ion Ratio Lower Upper
77 100
105 106.2 82.5 123.7
106 101.9 81.8 122.6



#8
Phenol
Concen: 19.780 ng/ul
RT: 7.263 min Scan# 659
Delta R.T. -0.006 min
Lab File: BM037874.D
Acq: 07 Dec 2022 17:39

Tgt Ion: 94 Resp: 365434
Ion Ratio Lower Upper
94 100
65 27.4 22.2 33.4
66 35.5 27.3 40.9

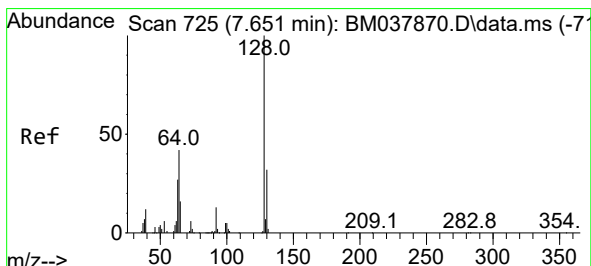
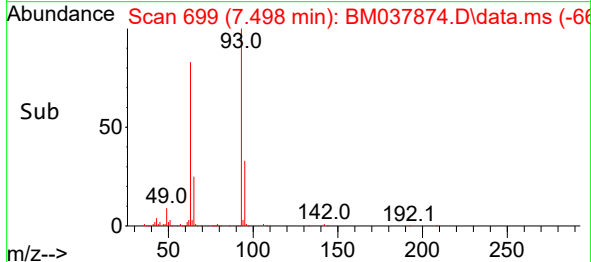
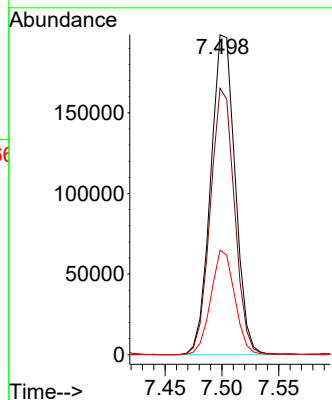
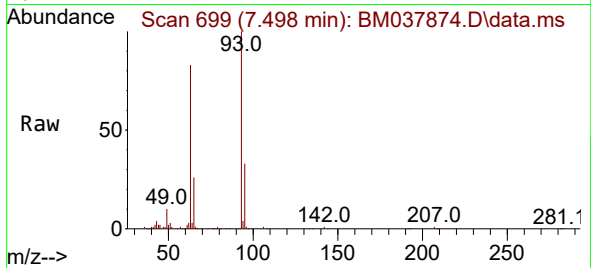




#10
Bis(2-Chloroethyl)ether
Concen: 19.659 ng/ul
RT: 7.498 min Scan# 699
Delta R.T. -0.006 min
Lab File: BM037874.D
Acq: 07 Dec 2022 17:39

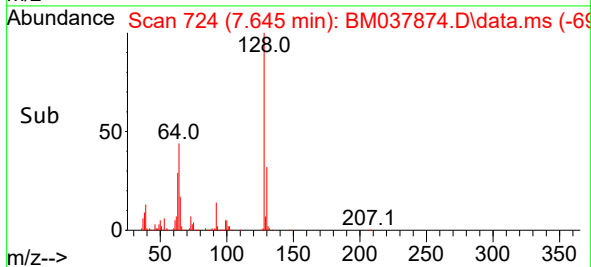
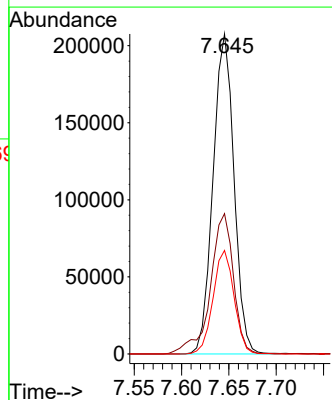
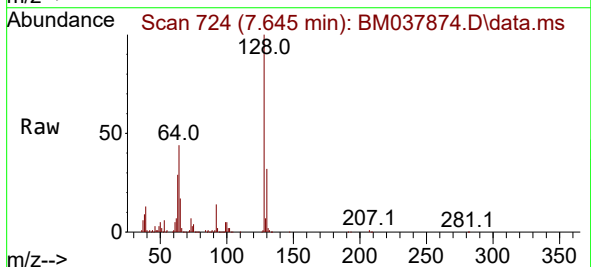
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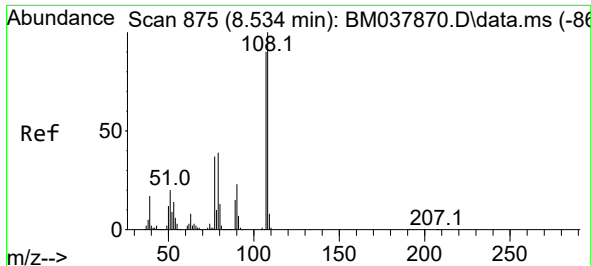
Tgt Ion: 93 Resp: 298248
Ion Ratio Lower Upper
93 100
63 83.3 66.3 99.5
95 32.6 25.7 38.5



#12
2-Chlorophenol
Concen: 20.656 ng/ul
RT: 7.645 min Scan# 724
Delta R.T. -0.006 min
Lab File: BM037874.D
Acq: 07 Dec 2022 17:39

Tgt Ion:128 Resp: 319242
Ion Ratio Lower Upper
128 100
64 43.8 35.2 52.8
130 32.3 25.9 38.9

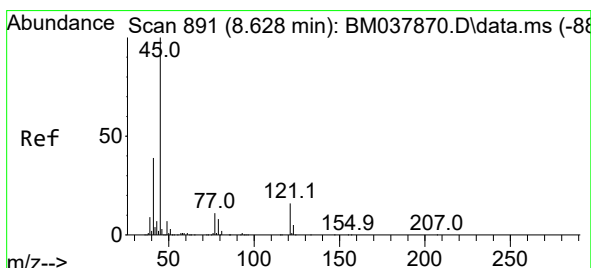
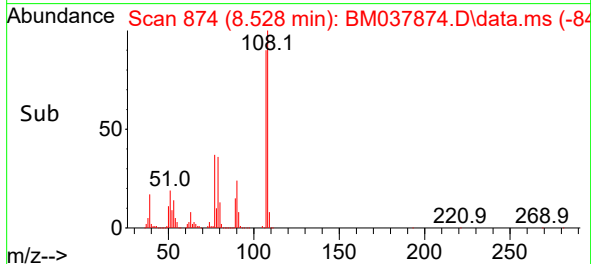
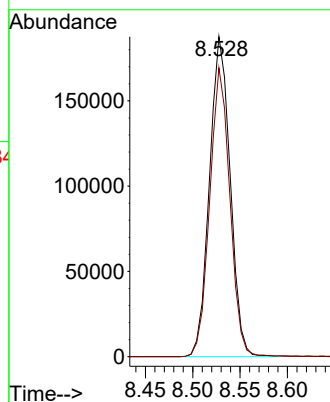
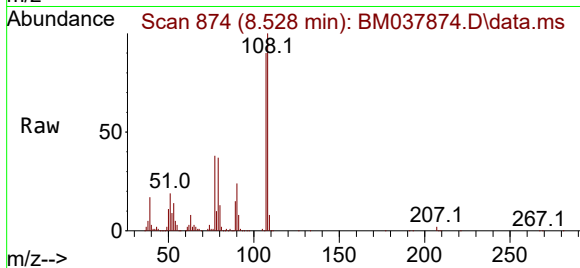




#13
2-Methylphenol
Concen: 20.178 ng/ul
RT: 8.528 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM037874.D
Acq: 07 Dec 2022 17:39

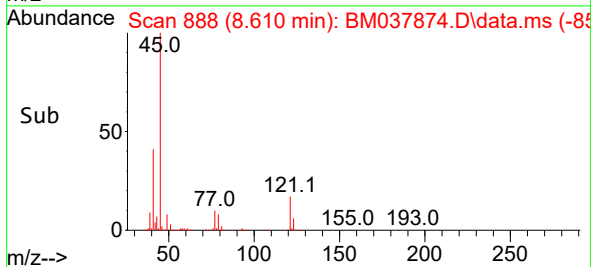
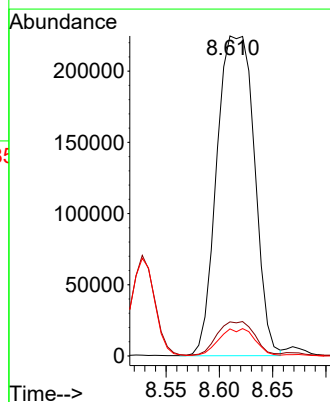
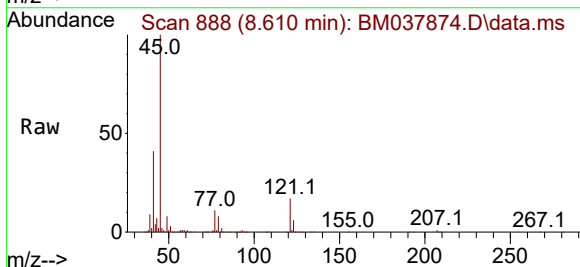
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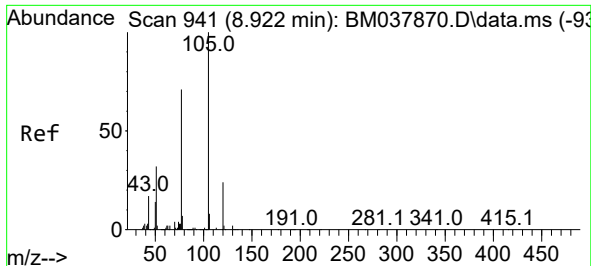
Tgt Ion:108 Resp: 285276
Ion Ratio Lower Upper
108 100
107 90.3 71.9 107.9



#14
2,2'-oxybis(1-Chloropropane)
Concen: 20.087 ng/ul
RT: 8.610 min Scan# 888
Delta R.T. -0.018 min
Lab File: BM037874.D
Acq: 07 Dec 2022 17:39

Tgt Ion: 45 Resp: 550267
Ion Ratio Lower Upper
45 100
77 10.7 9.0 13.4
79 8.4 6.2 9.4

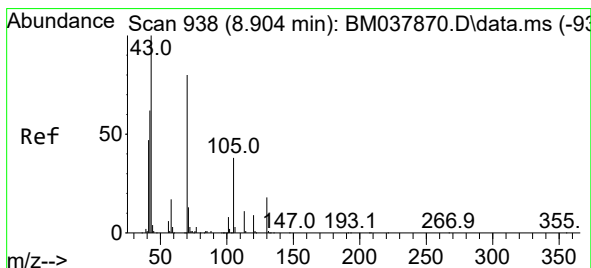
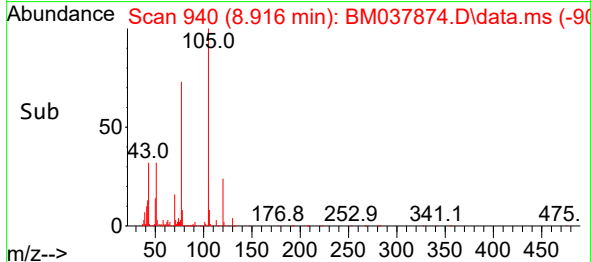
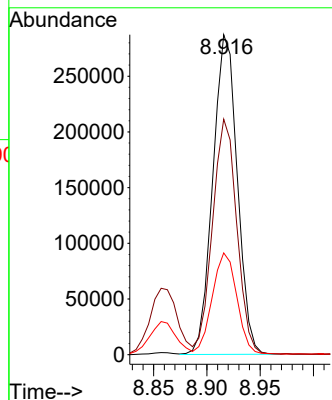
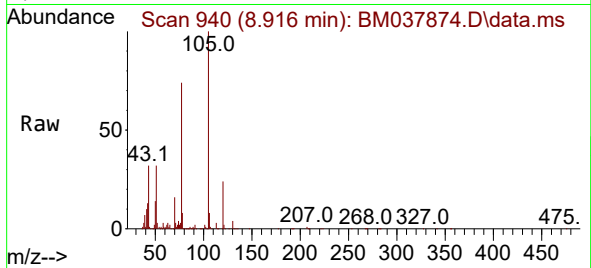




#16
Acetophenone
Concen: 20.229 ng/ul
RT: 8.916 min Scan# 941
Delta R.T. -0.006 min
Lab File: BM037874.D
Acq: 07 Dec 2022 17:39

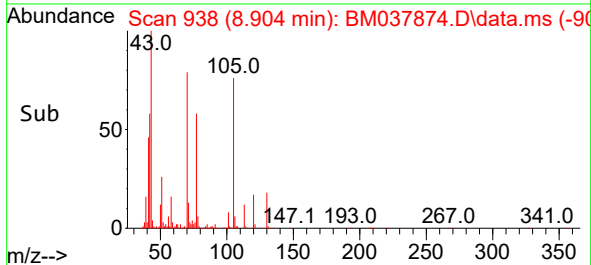
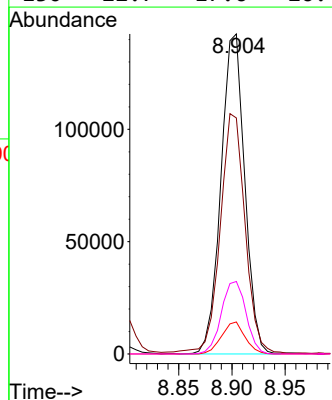
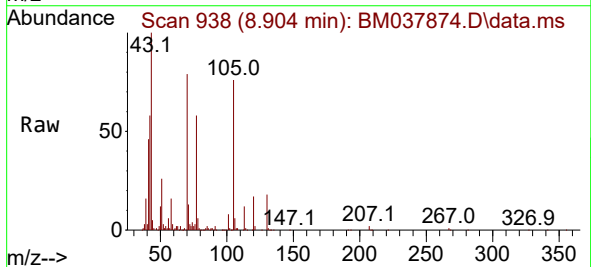
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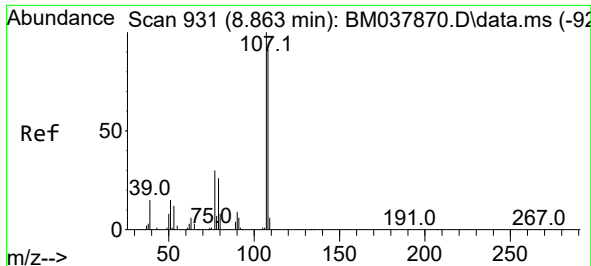
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Ion Ratio Lower Upper
105 100
77 73.6 59.7 89.5
51 31.8 27.2 40.8



#17
N-Nitroso-di-n-propylamine
Concen: 20.746 ng/ul
RT: 8.904 min Scan# 938
Delta R.T. -0.000 min
Lab File: BM037874.D
Acq: 07 Dec 2022 17:39

Tgt Ion: 70 Resp: 221013
Ion Ratio Lower Upper
70 100
42 73.8 62.3 93.5
101 10.0 8.0 12.0
130 22.7 17.6 26.4

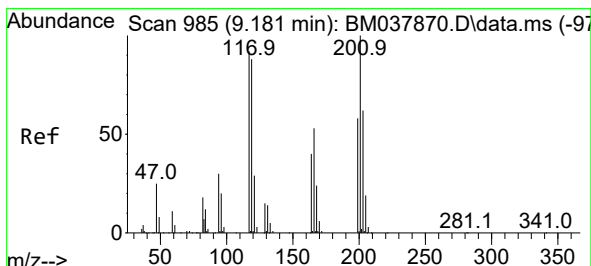
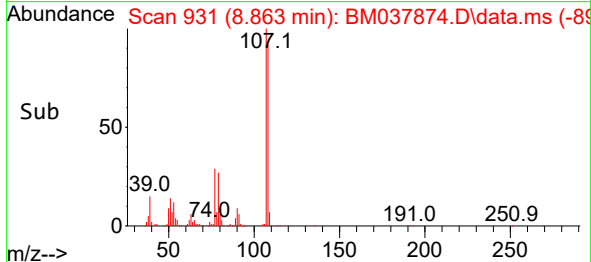
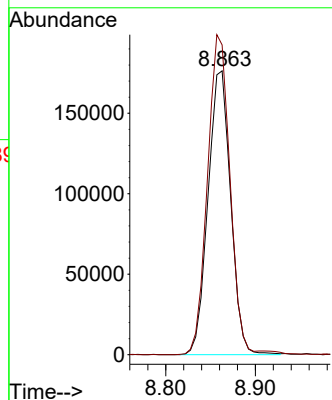
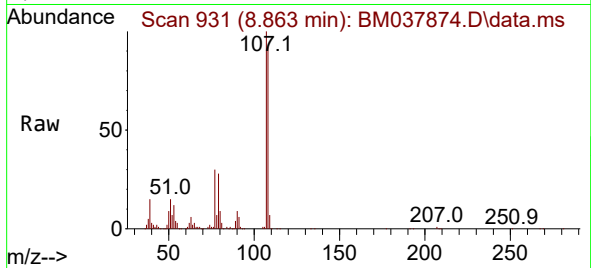




#18
4-Methylphenol
Concen: 20.235 ng/ul
RT: 8.863 min Scan# 91
Delta R.T. -0.000 min
Lab File: BM037874.D
Acq: 07 Dec 2022 17:39

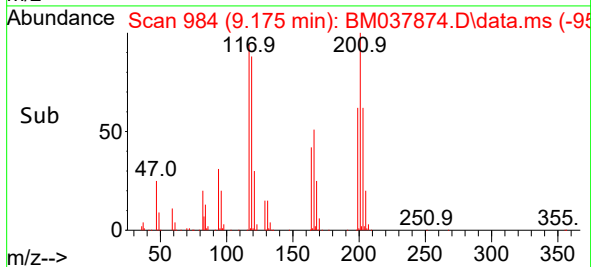
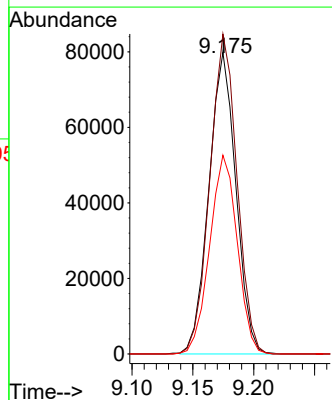
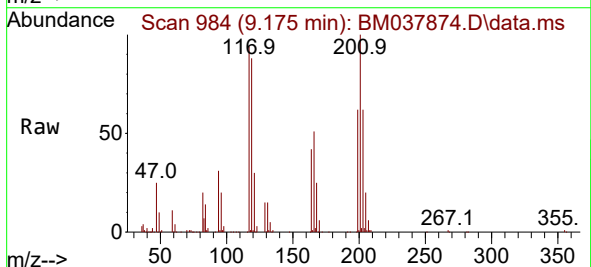
Instrument :
BNA_M
ClientSampleId :
SICV011

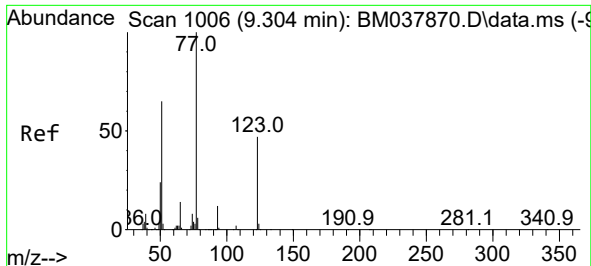
Tgt Ion:108 Resp: 309492
Ion Ratio Lower Upper
108 100
107 109.1 88.1 132.1



#19
Hexachloroethane
Concen: 20.001 ng/ul
RT: 9.175 min Scan# 984
Delta R.T. -0.006 min
Lab File: BM037874.D
Acq: 07 Dec 2022 17:39

Tgt Ion:117 Resp: 123573
Ion Ratio Lower Upper
117 100
201 106.2 87.3 130.9
199 65.9 50.9 76.3

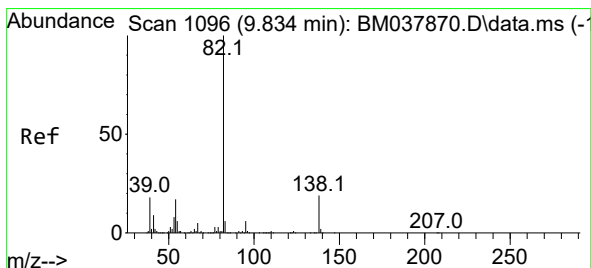
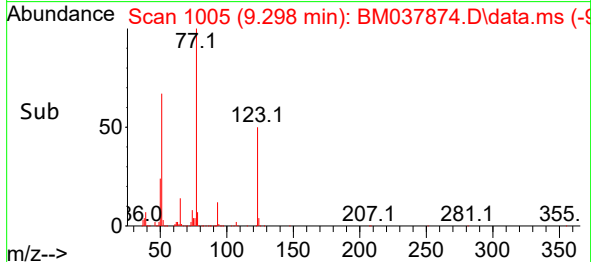
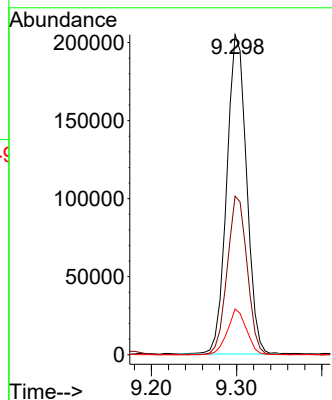
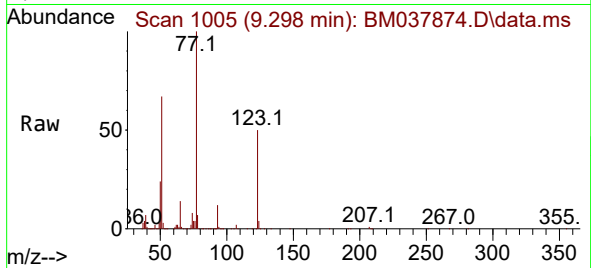




#22
Nitrobenzene
Concen: 20.163 ng/ul
RT: 9.298 min Scan# 1005
Delta R.T. -0.006 min
Lab File: BM037874.D
Acq: 07 Dec 2022 17:39

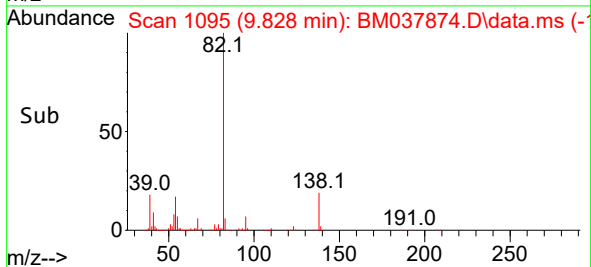
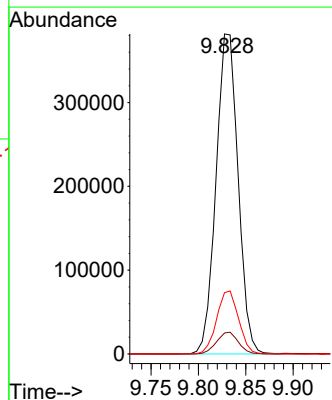
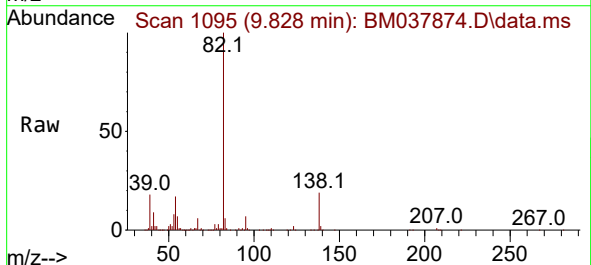
Instrument :
BNA_M
ClientSampleId :
SICV011

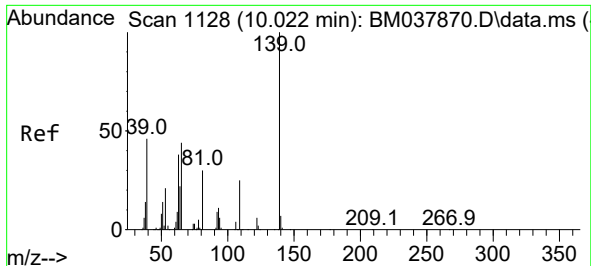
Tgt Ion: 77 Resp: 330997
Ion Ratio Lower Upper
77 100
123 49.5 37.8 56.6
65 14.3 11.1 16.7



#23
Isophorone
Concen: 20.595 ng/ul
RT: 9.828 min Scan# 1095
Delta R.T. -0.006 min
Lab File: BM037874.D
Acq: 07 Dec 2022 17:39

Tgt Ion: 82 Resp: 619548
Ion Ratio Lower Upper
82 100
95 6.6 5.2 7.8
138 19.1 14.9 22.3

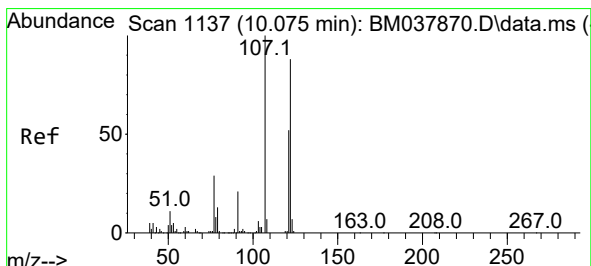
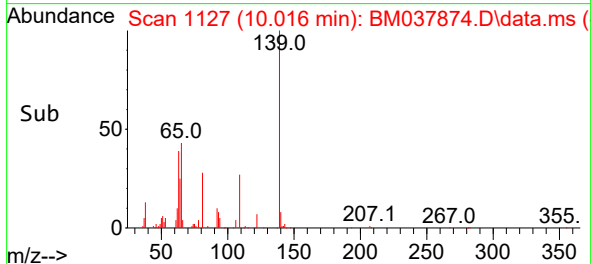
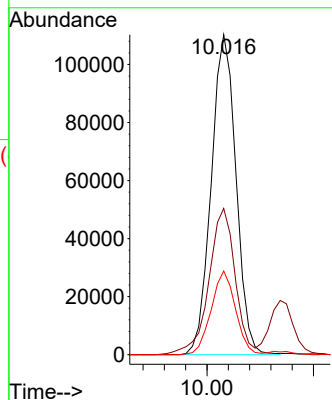
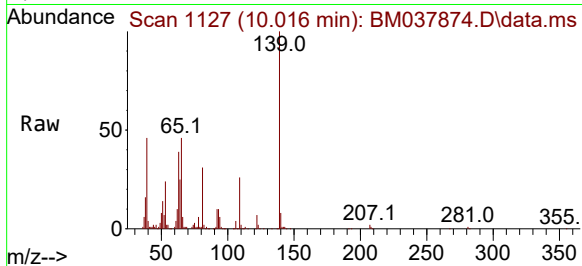




#25
2-Nitrophenol
Concen: 21.237 ng/ul
RT: 10.016 min Scan# 1127
Delta R.T. -0.006 min
Lab File: BM037874.D
Acq: 07 Dec 2022 17:39

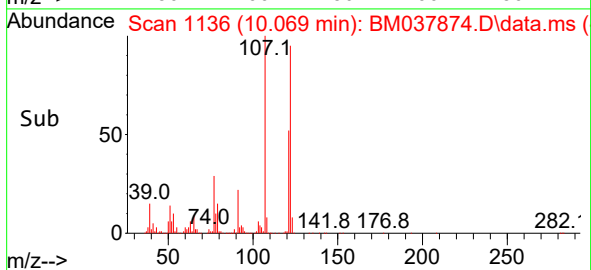
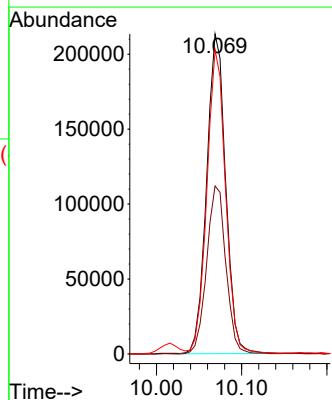
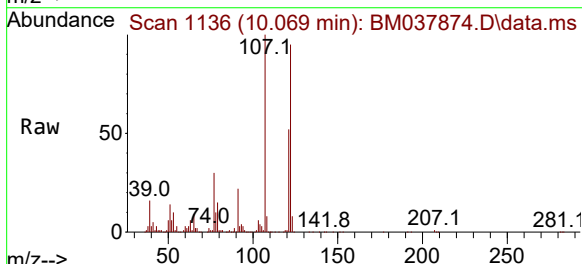
Instrument :
BNA_M
ClientSampleId :
SICV011

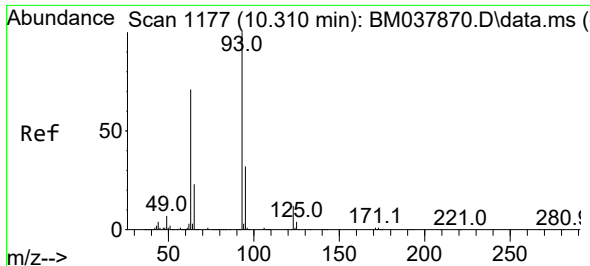
Tgt Ion:139 Resp: 178018
Ion Ratio Lower Upper
139 100
65 45.7 36.2 54.4
109 26.2 19.7 29.5



#26
2,4-Dimethylphenol
Concen: 20.386 ng/ul
RT: 10.069 min Scan# 1136
Delta R.T. -0.006 min
Lab File: BM037874.D
Acq: 07 Dec 2022 17:39

Tgt Ion:107 Resp: 330458
Ion Ratio Lower Upper
107 100
121 52.5 42.0 63.0
122 95.1 71.4 107.2

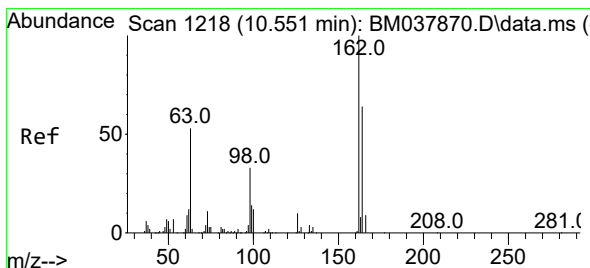
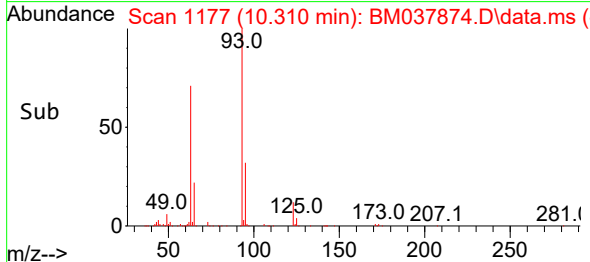
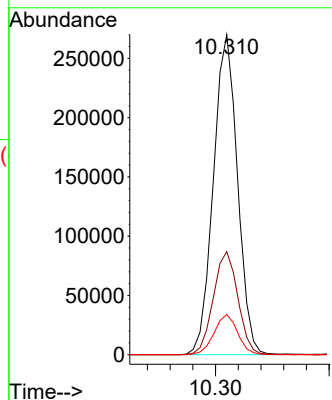
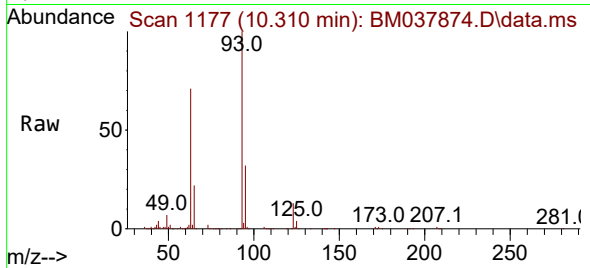




#27
 Bis(2-Chloroethoxy)methane
 Concen: 19.928 ng/ul
 RT: 10.310 min Scan# 1177
 Delta R.T. -0.000 min
 Lab File: BM037874.D
 Acq: 07 Dec 2022 17:39

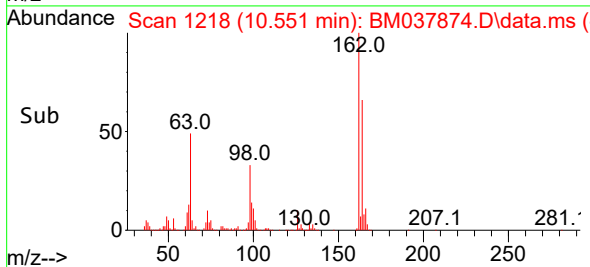
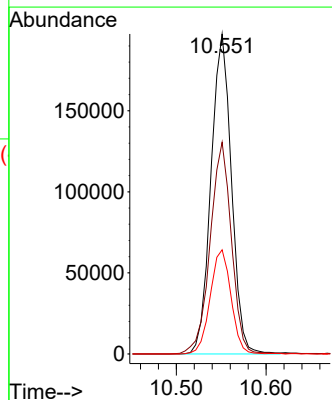
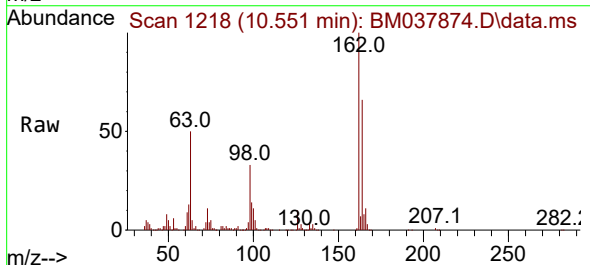
Instrument :
 BNA_M
 ClientSampleId :
 SICV011

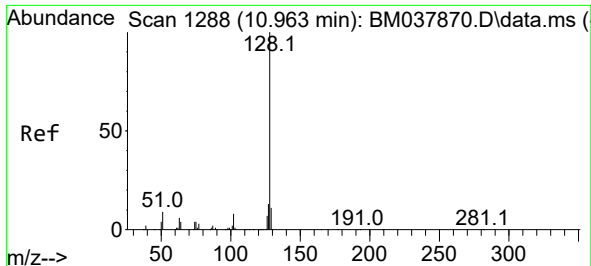
Tgt Ion: 93 Resp: 398499
 Ion Ratio Lower Upper
 93 100
 95 32.2 25.5 38.3
 123 12.5 9.4 14.2



#29
 2,4-Dichlorophenol
 Concen: 20.967 ng/ul
 RT: 10.551 min Scan# 1218
 Delta R.T. -0.000 min
 Lab File: BM037874.D
 Acq: 07 Dec 2022 17:39

Tgt Ion: 162 Resp: 312406
 Ion Ratio Lower Upper
 162 100
 164 66.1 51.4 77.2
 98 32.6 26.1 39.1

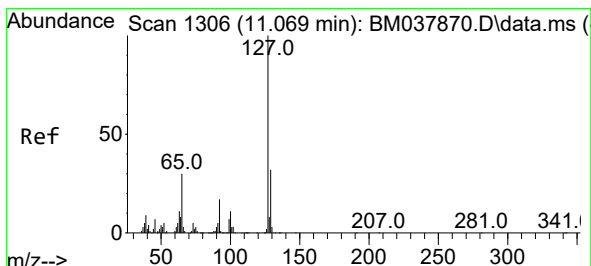
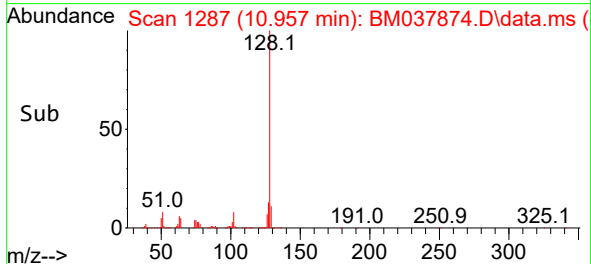
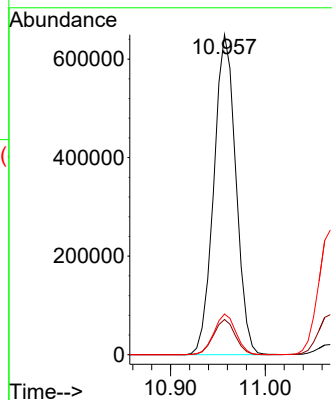
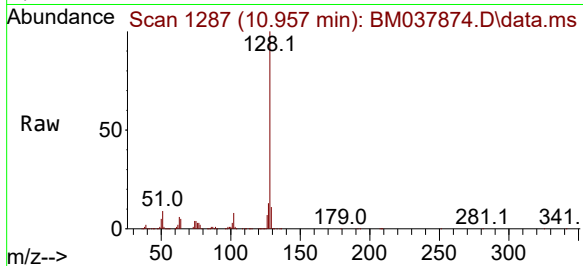




#30
Naphthalene
Concen: 20.215 ng/ul
RT: 10.957 min Scan# 1287
Delta R.T. -0.006 min
Lab File: BM037874.D
Acq: 07 Dec 2022 17:39

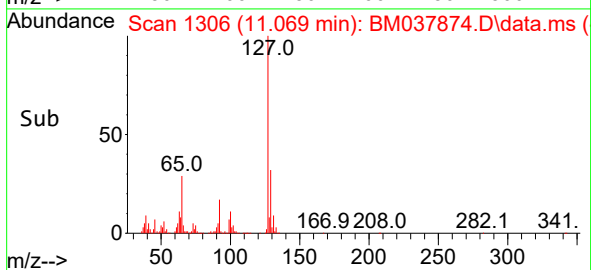
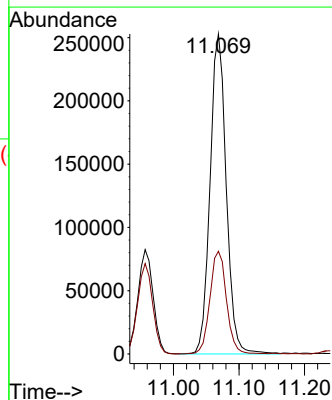
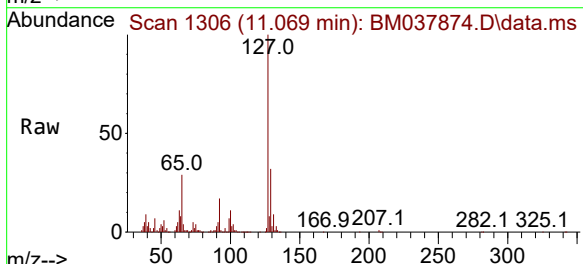
Instrument :
BNA_M
ClientSampleId :
SICV011

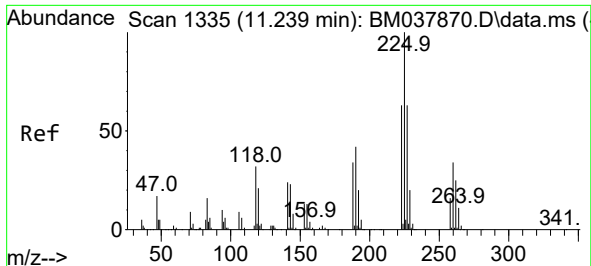
Tgt Ion:128 Resp: 1051227
Ion Ratio Lower Upper
128 100
129 11.0 9.0 13.4
127 12.7 10.4 15.6



#32
4-Chloroaniline
Concen: 20.746 ng/ul
RT: 11.069 min Scan# 1306
Delta R.T. -0.000 min
Lab File: BM037874.D
Acq: 07 Dec 2022 17:39

Tgt Ion:127 Resp: 433679
Ion Ratio Lower Upper
127 100
129 32.1 25.3 37.9

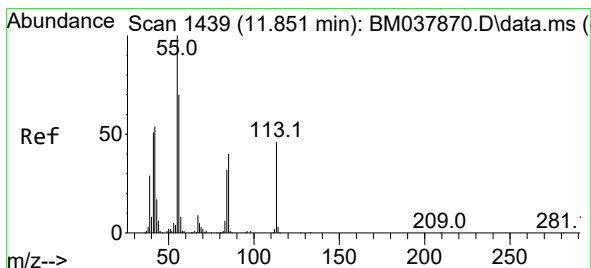
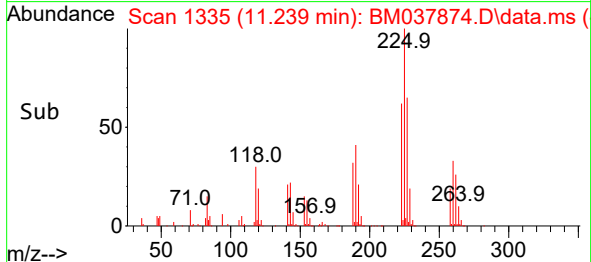
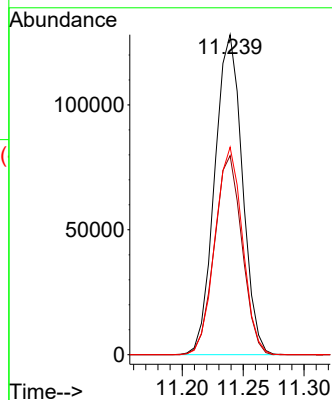
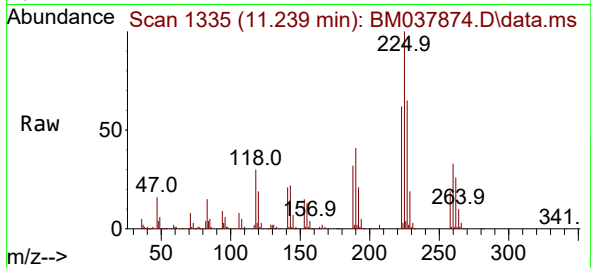




#33
Hexachlorobutadiene
Concen: 20.654 ng/ul
RT: 11.239 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM037874.D
Acq: 07 Dec 2022 17:39

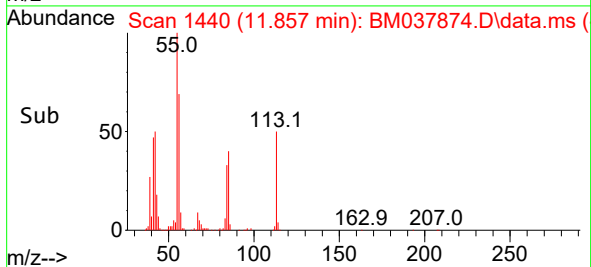
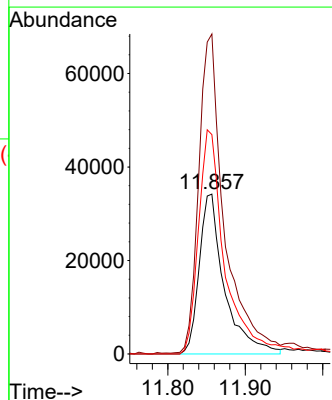
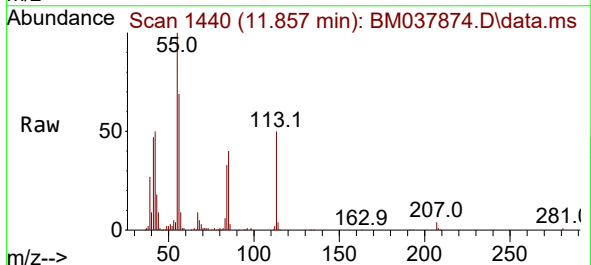
Instrument :
BNA_M
ClientSampleId :
SICV011

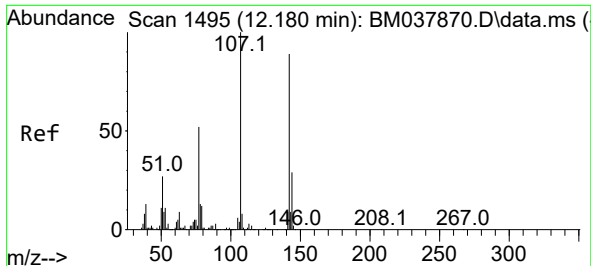
Tgt Ion:225 Resp: 202450
Ion Ratio Lower Upper
225 100
223 62.2 50.8 76.2
227 64.9 50.5 75.7



#34
Caprolactam
Concen: 20.280 ng/ul
RT: 11.857 min Scan# 1440
Delta R.T. 0.006 min
Lab File: BM037874.D
Acq: 07 Dec 2022 17:39

Tgt Ion:113 Resp: 77510
Ion Ratio Lower Upper
113 100
55 200.1 172.2 258.2
56 137.2 120.7 181.1

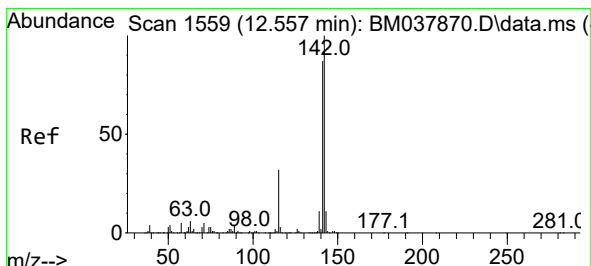
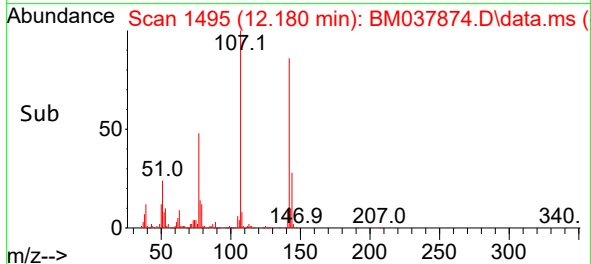
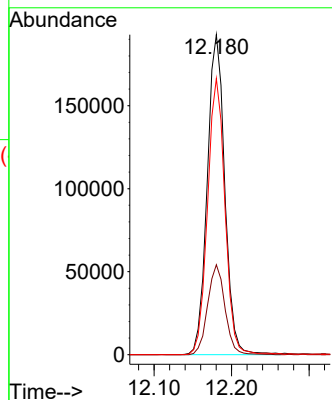
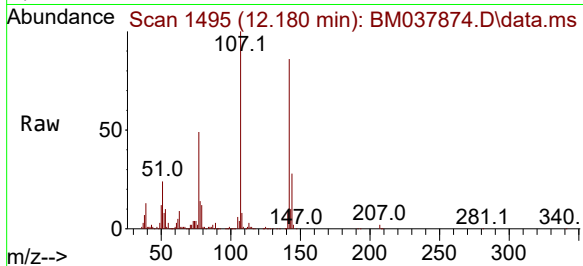




#35
4-Chloro-3-methylphenol
Concen: 22.325 ng/ul
RT: 12.180 min Scan# 1495
Delta R.T. -0.000 min
Lab File: BM037874.D
Acq: 07 Dec 2022 17:39

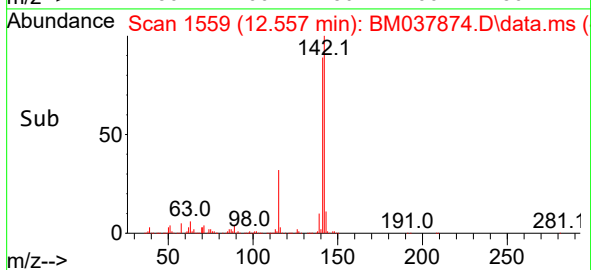
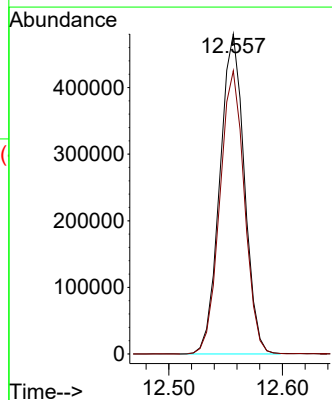
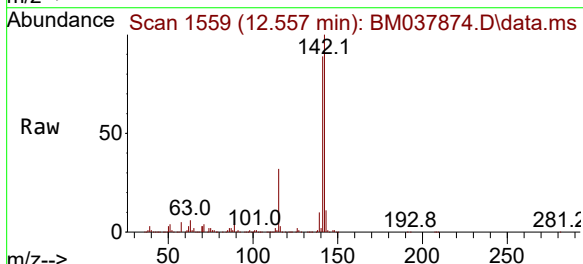
Instrument :
BNA_M
ClientSampleId :
SICV011

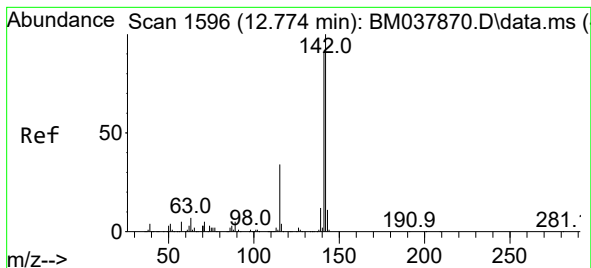
Tgt Ion:107 Resp: 302779
Ion Ratio Lower Upper
107 100
144 28.1 23.4 35.0
142 86.3 71.0 106.4



#36
2-Methylnaphthalene
Concen: 21.340 ng/ul
RT: 12.557 min Scan# 1559
Delta R.T. -0.000 min
Lab File: BM037874.D
Acq: 07 Dec 2022 17:39

Tgt Ion:142 Resp: 719775
Ion Ratio Lower Upper
142 100
141 88.5 69.4 104.0





#37

1-Methylnaphthalene

Concen: 20.981 ng/ul

RT: 12.774 min Scan# 1596

Delta R.T. -0.000 min

Lab File: BM037874.D

Acq: 07 Dec 2022 17:39

Instrument :

BNA_M

ClientSampleId :

SICV011

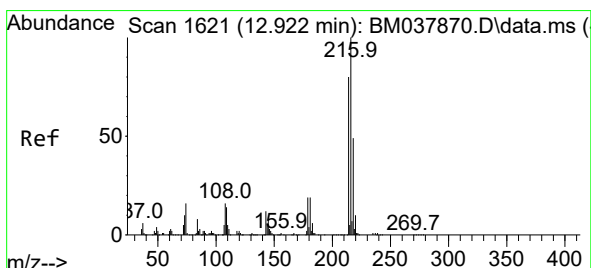
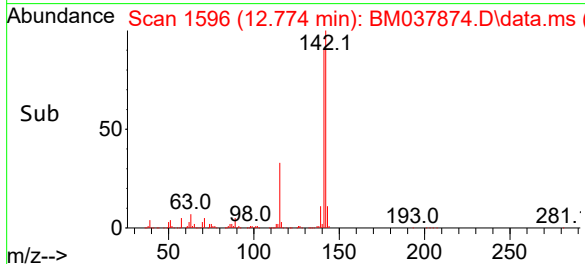
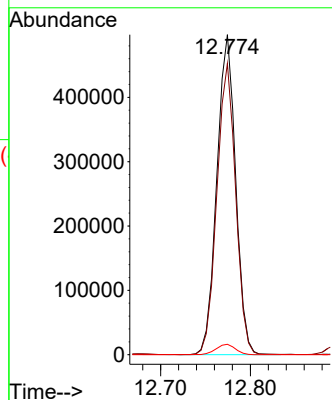
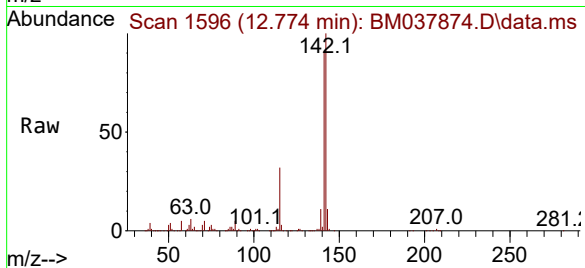
Tgt Ion:142 Resp: 723602

Ion Ratio Lower Upper

142 100

141 91.0 72.4 108.6

116 3.3 2.9 4.3



#39

1,2,4,5-Tetrachlorobenzene

Concen: 19.948 ng/ul

RT: 12.921 min Scan# 1621

Delta R.T. -0.000 min

Lab File: BM037874.D

Acq: 07 Dec 2022 17:39

Tgt Ion:216 Resp: 391691

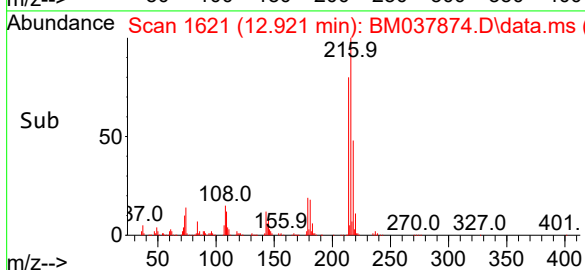
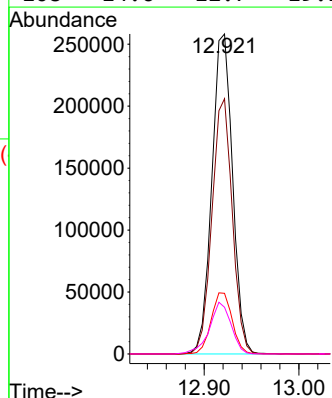
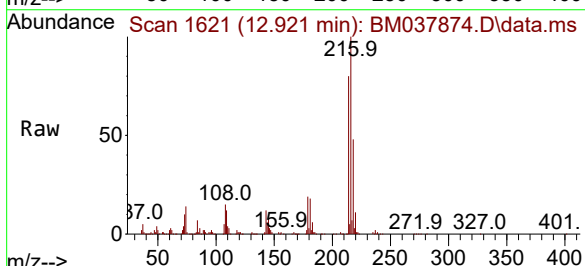
Ion Ratio Lower Upper

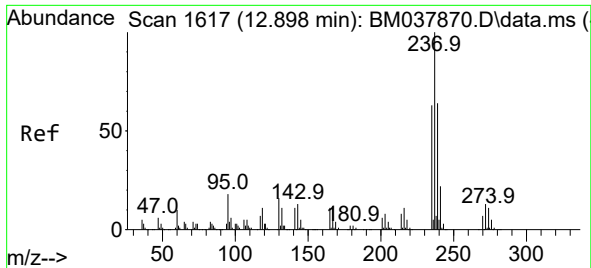
216 100

214 79.7 64.2 96.4

179 18.9 15.4 23.2

108 14.6 12.7 19.1

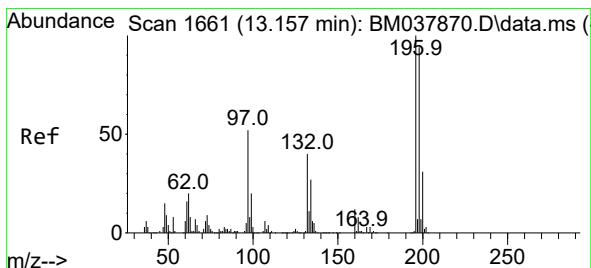
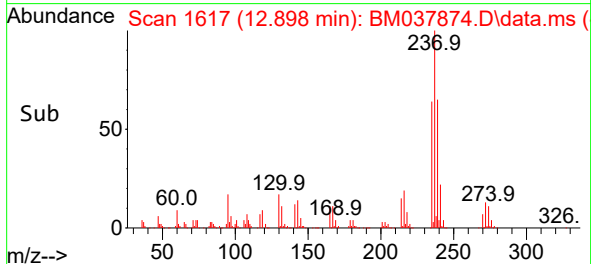
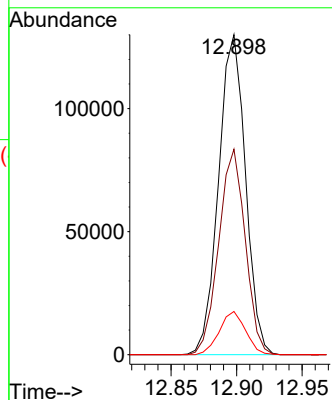
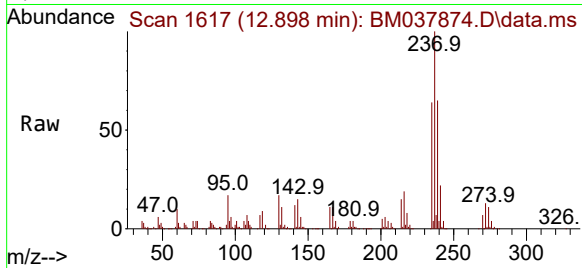




#40
Hexachlorocyclopentadiene
Concen: 16.525 ng/ul
RT: 12.898 min Scan# 1617
Delta R.T. -0.000 min
Lab File: BM037874.D
Acq: 07 Dec 2022 17:39

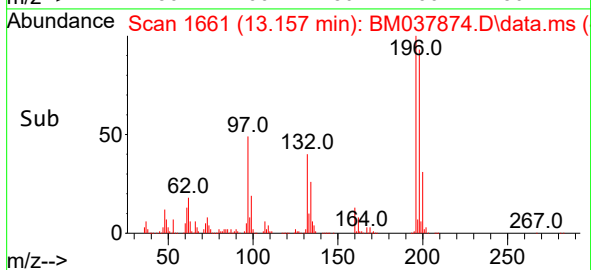
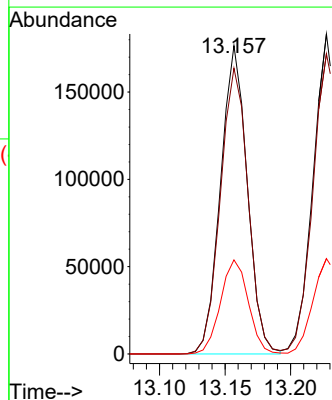
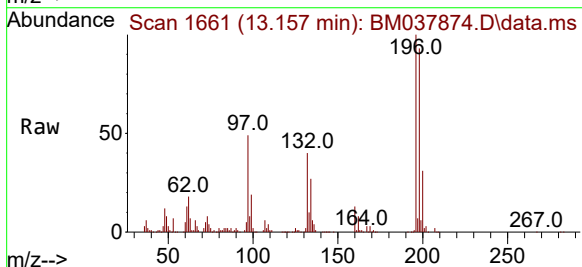
Instrument :
BNA_M
ClientSampleId :
SICV011

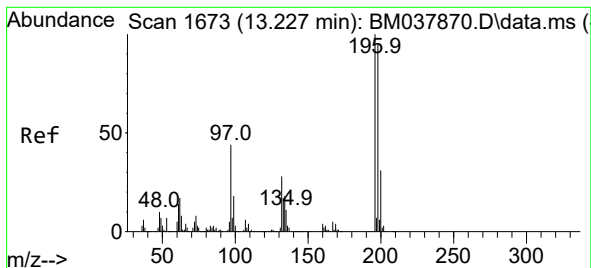
Tgt Ion:237 Resp: 185617
Ion Ratio Lower Upper
237 100
235 64.2 50.4 75.6
272 13.5 10.6 16.0



#41
2,4,6-Trichlorophenol
Concen: 20.912 ng/ul
RT: 13.157 min Scan# 1661
Delta R.T. -0.000 min
Lab File: BM037874.D
Acq: 07 Dec 2022 17:39

Tgt Ion:196 Resp: 250122
Ion Ratio Lower Upper
196 100
198 92.7 75.0 112.6
200 30.5 24.5 36.7





#42

2,4,5-Trichlorophenol

Concen: 20.889 ng/ul

RT: 13.227 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM037874.D

Acq: 07 Dec 2022 17:39

Instrument :

BNA_M

ClientSampleId :

SICV011

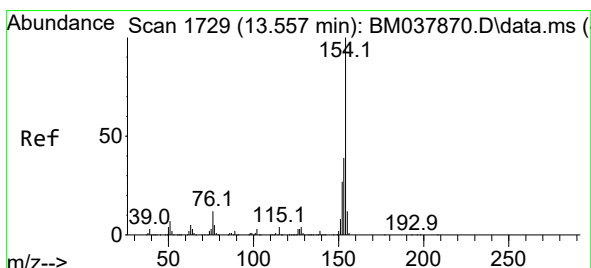
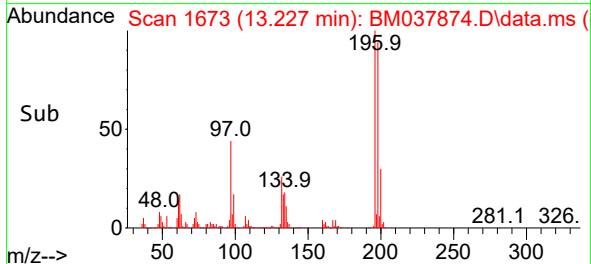
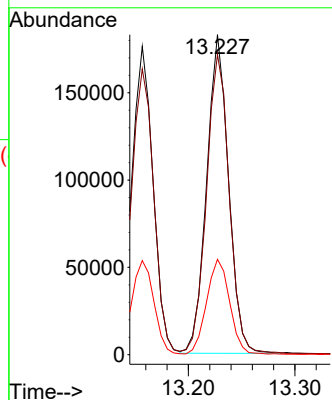
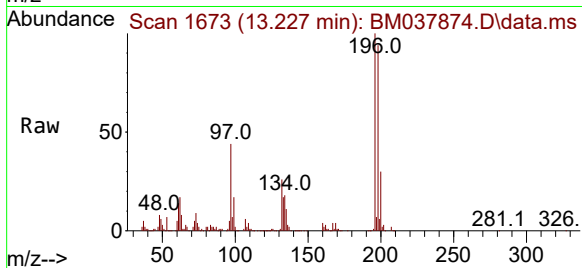
Tgt Ion:196 Resp: 260569

Ion Ratio Lower Upper

196 100

198 93.8 76.5 114.7

200 29.8 24.9 37.3



#43

1,1'-Biphenyl

Concen: 19.513 ng/ul

RT: 13.551 min Scan# 1728

Delta R.T. -0.006 min

Lab File: BM037874.D

Acq: 07 Dec 2022 17:39

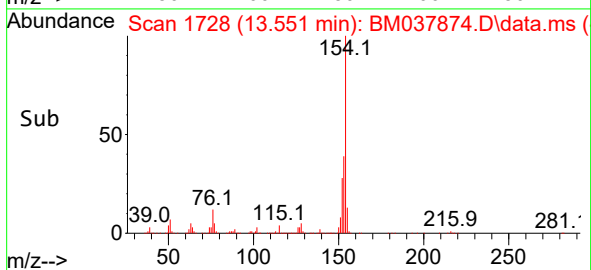
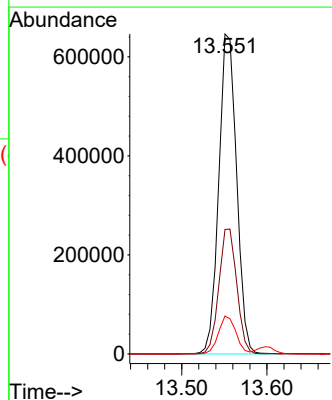
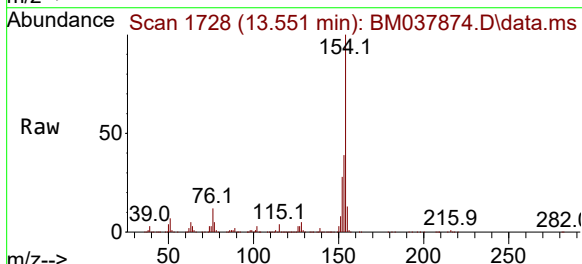
Tgt Ion:154 Resp: 942602

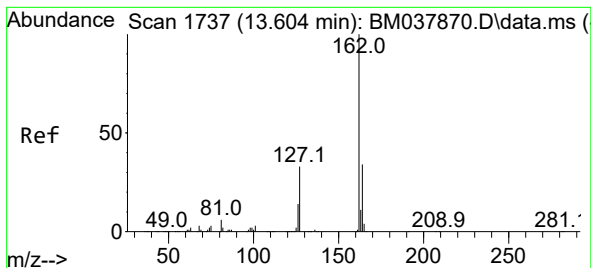
Ion Ratio Lower Upper

154 100

153 38.9 31.2 46.8

76 11.8 9.3 13.9





#44

2-Chloronaphthalene

Concen: 20.102 ng/ul

RT: 13.598 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM037874.D

Acq: 07 Dec 2022 17:39

Instrument :

BNA_M

ClientSampleId :

SICV011

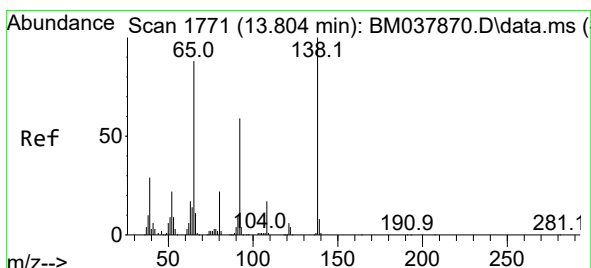
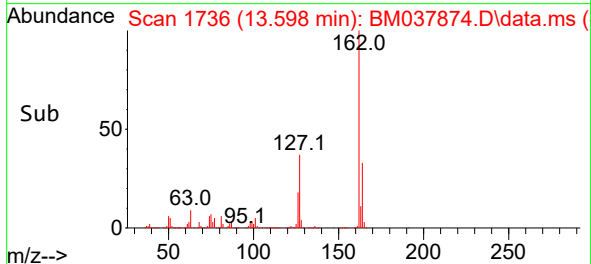
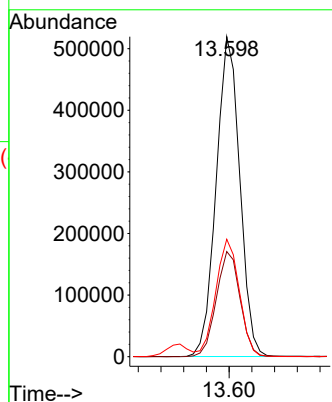
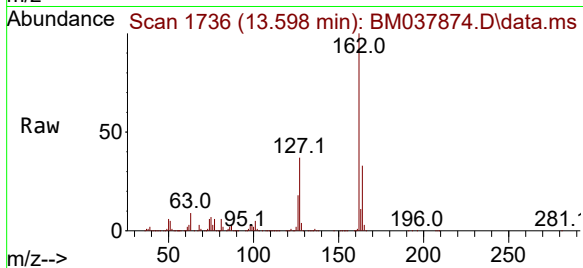
Tgt Ion:162 Resp: 749094

Ion Ratio Lower Upper

162 100

164 32.8 27.3 40.9

127 36.7 29.4 44.0



#45

2-Nitroaniline

Concen: 21.514 ng/ul

RT: 13.804 min Scan# 1771

Delta R.T. -0.000 min

Lab File: BM037874.D

Acq: 07 Dec 2022 17:39

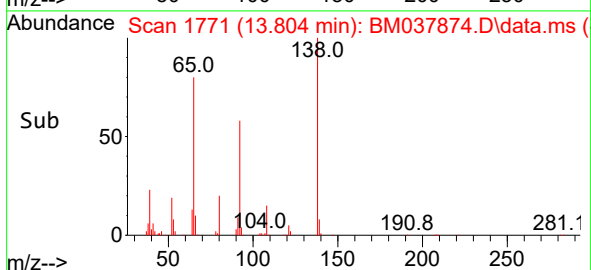
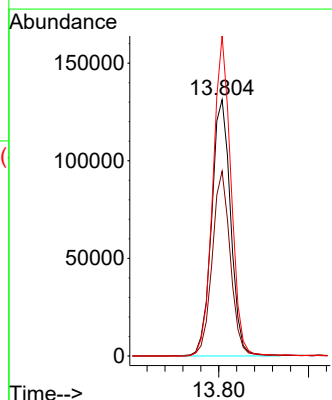
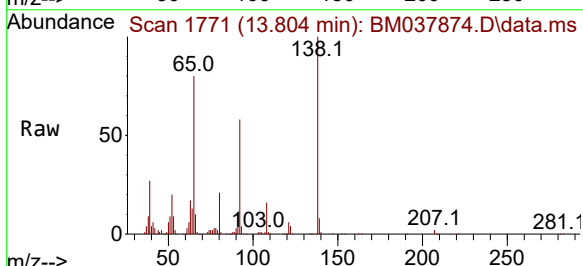
Tgt Ion: 65 Resp: 193176

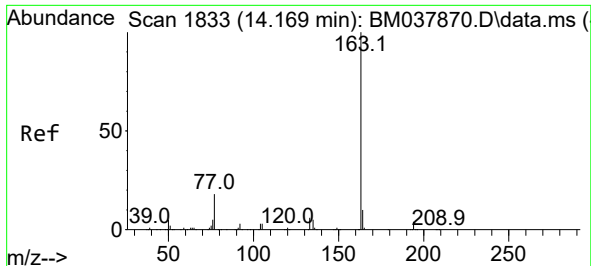
Ion Ratio Lower Upper

65 100

92 72.1 53.5 80.3

138 124.9 91.3 136.9

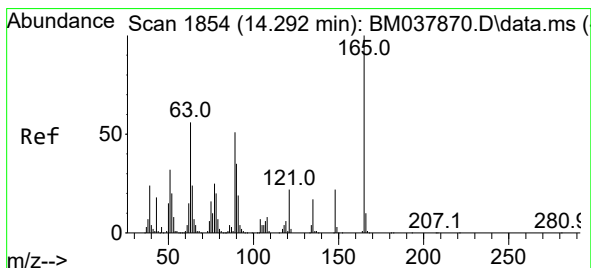
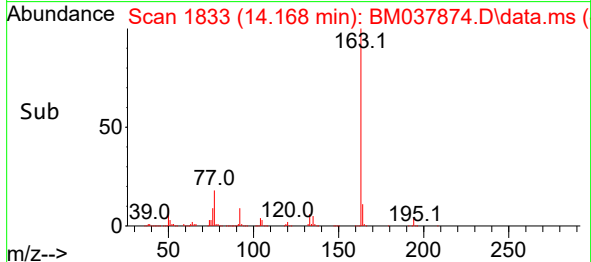
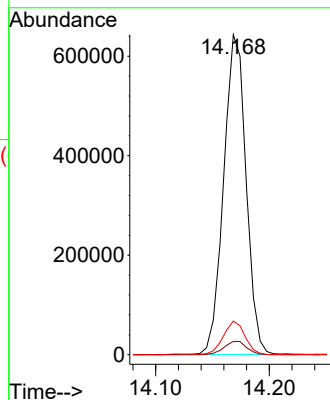
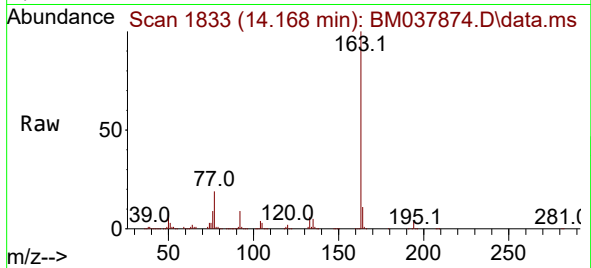




#47
Dimethylphthalate
Concen: 20.827 ng/ul
RT: 14.168 min Scan# 1833
Delta R.T. -0.000 min
Lab File: BM037874.D
Acq: 07 Dec 2022 17:39

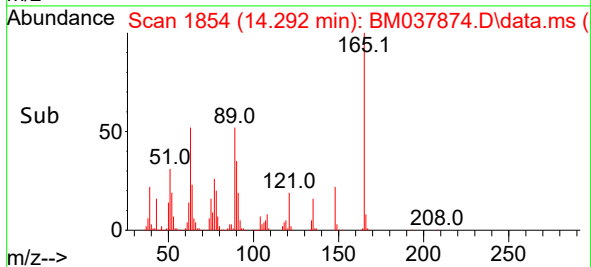
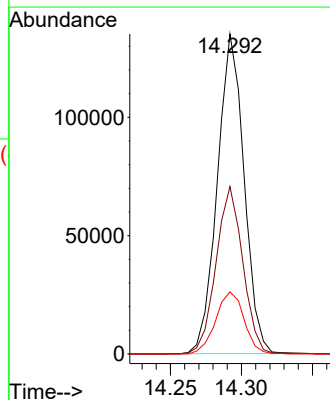
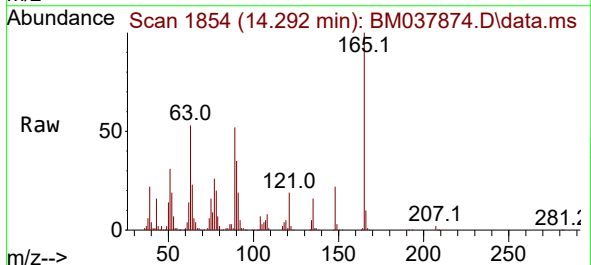
Instrument :
BNA_M
ClientSampleId :
SICV011

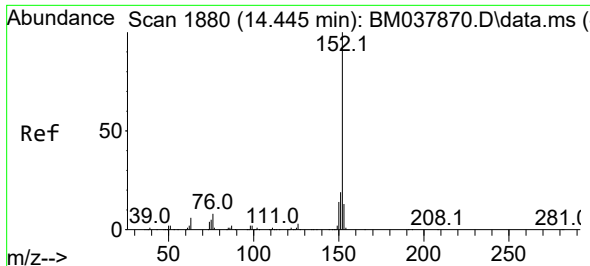
Tgt Ion:163 Resp: 880376
Ion Ratio Lower Upper
163 100
194 4.2 3.0 4.6
164 10.5 8.2 12.4



#48
2,6-Dinitrotoluene
Concen: 21.521 ng/ul
RT: 14.292 min Scan# 1854
Delta R.T. -0.000 min
Lab File: BM037874.D
Acq: 07 Dec 2022 17:39

Tgt Ion:165 Resp: 176709
Ion Ratio Lower Upper
165 100
89 52.3 41.1 61.7
121 19.4 17.4 26.2

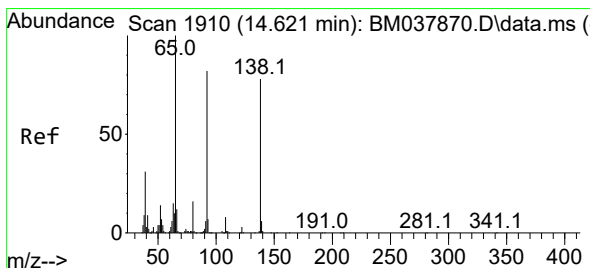
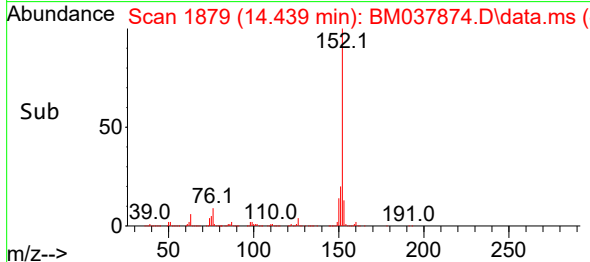
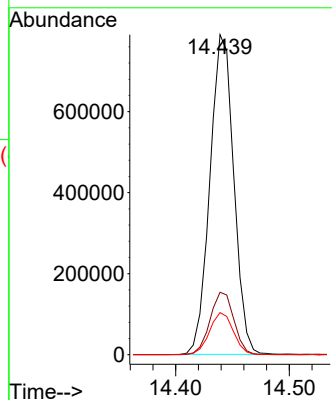
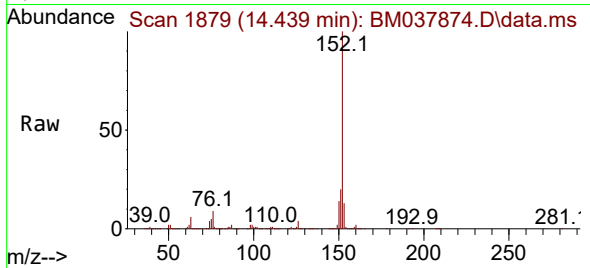




#50
Acenaphthylene
Concen: 19.988 ng/ul
RT: 14.439 min Scan# 1880
Delta R.T. -0.006 min
Lab File: BM037874.D
Acq: 07 Dec 2022 17:39

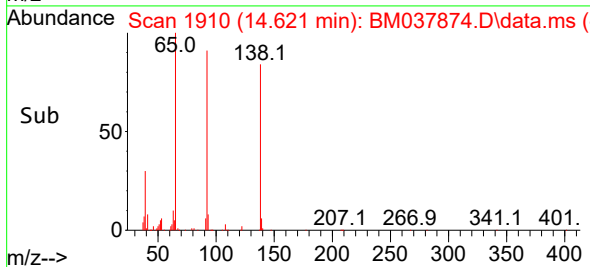
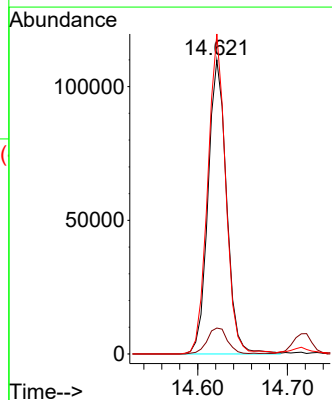
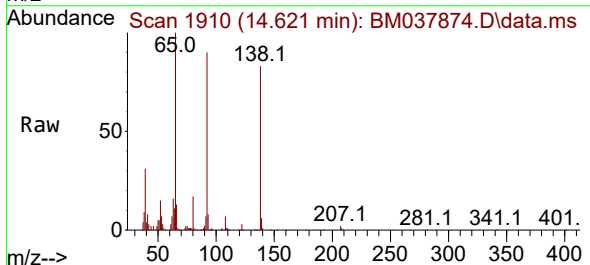
Instrument :
BNA_M
ClientSampleId :
SICV011

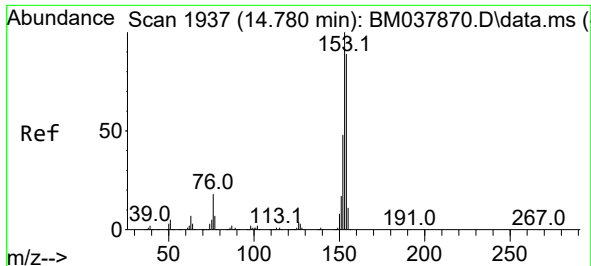
Tgt Ion:152 Resp: 1150902
Ion Ratio Lower Upper
152 100
151 19.5 15.3 22.9
153 13.2 10.2 15.4



#51
3-Nitroaniline
Concen: 19.269 ng/ul
RT: 14.621 min Scan# 1910
Delta R.T. -0.000 min
Lab File: BM037874.D
Acq: 07 Dec 2022 17:39

Tgt Ion:138 Resp: 157854
Ion Ratio Lower Upper
138 100
108 8.8 7.9 11.9
92 108.8 83.4 125.0

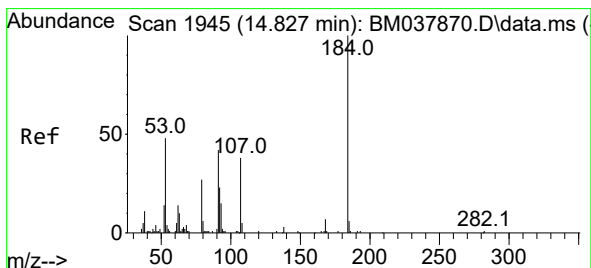
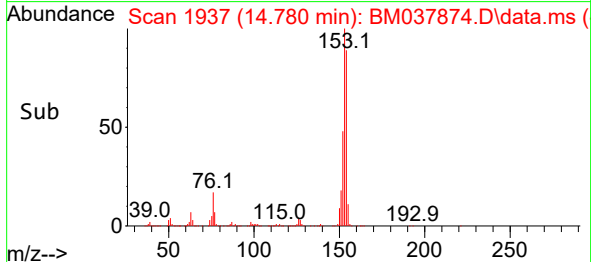
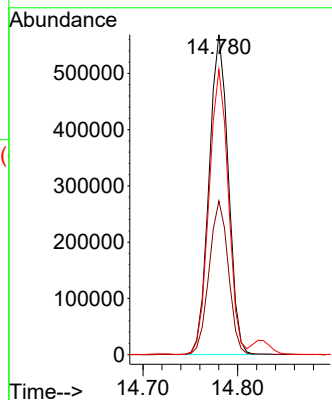
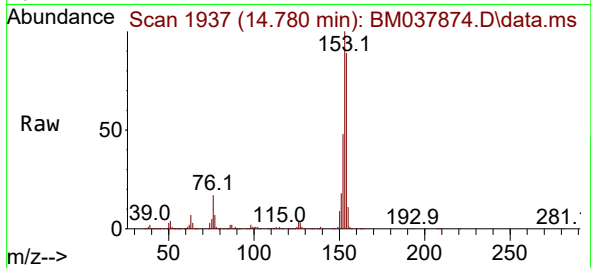




#52
Acenaphthene
Concen: 20.254 ng/ul
RT: 14.780 min Scan# 1937
Delta R.T. -0.000 min
Lab File: BM037874.D
Acq: 07 Dec 2022 17:39

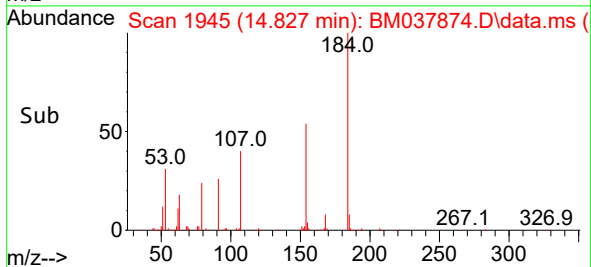
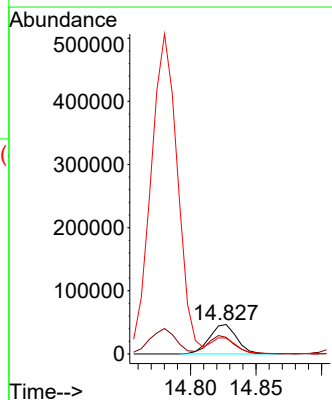
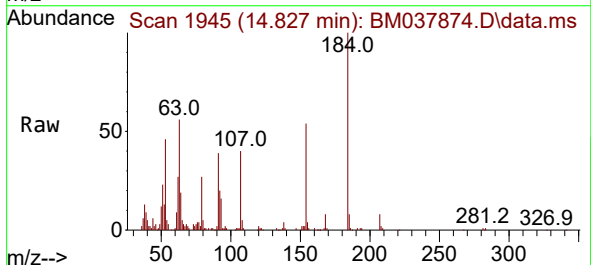
Instrument :
BNA_M
ClientSampleId :
SICV011

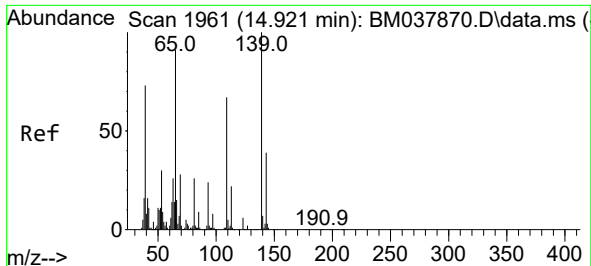
Tgt Ion:153 Resp: 806647
Ion Ratio Lower Upper
153 100
152 48.0 38.2 57.4
154 89.1 71.4 107.0



#53
2,4-Dinitrophenol
Concen: 16.842 ng/ul
RT: 14.827 min Scan# 1945
Delta R.T. -0.000 min
Lab File: BM037874.D
Acq: 07 Dec 2022 17:39

Tgt Ion:184 Resp: 67859
Ion Ratio Lower Upper
184 100
63 56.4 46.2 69.4
154 53.6 45.5 68.3

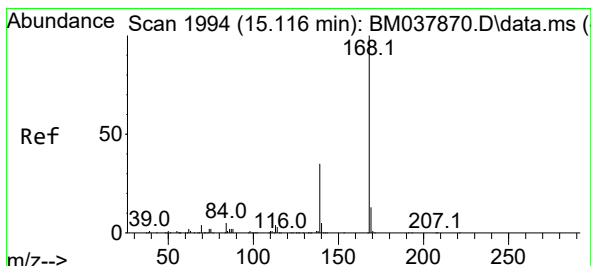
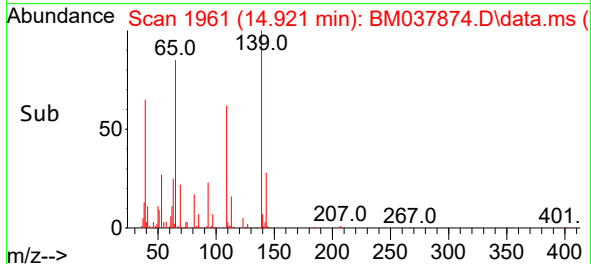
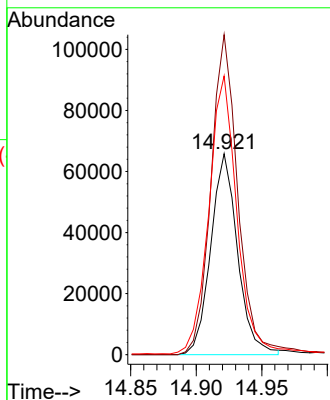
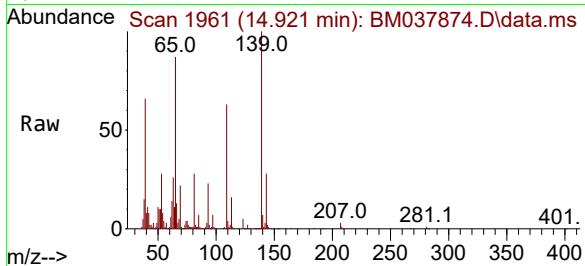




#55
4-Nitrophenol
Concen: 19.436 ng/ul
RT: 14.921 min Scan# 1961
Delta R.T. -0.000 min
Lab File: BM037874.D
Acq: 07 Dec 2022 17:39

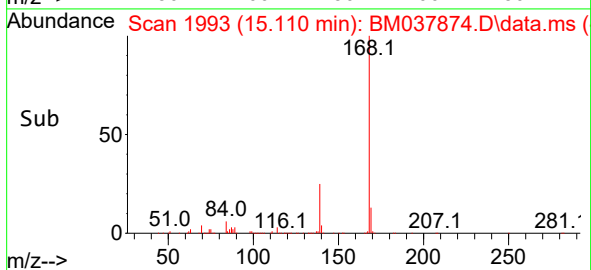
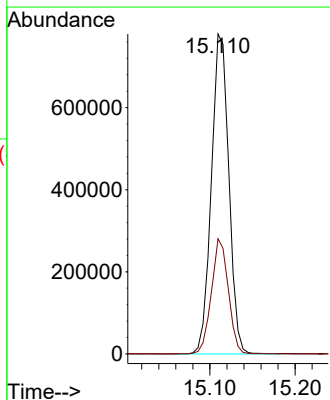
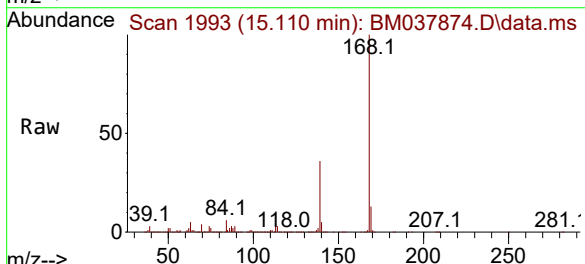
Instrument :
BNA_M
ClientSampleId :
SICV011

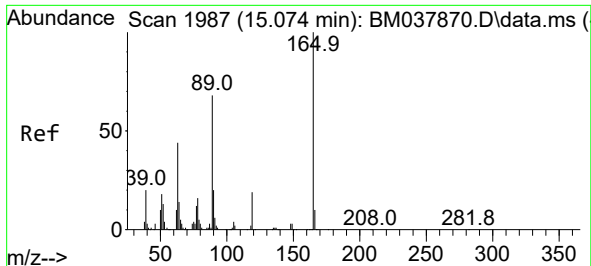
Tgt Ion:109 Resp: 93591
Ion Ratio Lower Upper
109 100
139 159.3 119.2 178.8
65 138.8 108.7 163.1



#56
Dibenzofuran
Concen: 20.399 ng/ul
RT: 15.110 min Scan# 1993
Delta R.T. -0.006 min
Lab File: BM037874.D
Acq: 07 Dec 2022 17:39

Tgt Ion:168 Resp: 1109156
Ion Ratio Lower Upper
168 100
139 36.0 28.1 42.1





#57

2,4-Dinitrotoluene

Concen: 22.199 ng/ul

RT: 15.074 min Scan# 1987

Delta R.T. -0.000 min

Lab File: BM037874.D

Acq: 07 Dec 2022 17:39

Instrument :

BNA_M

ClientSampleId :

SICV011

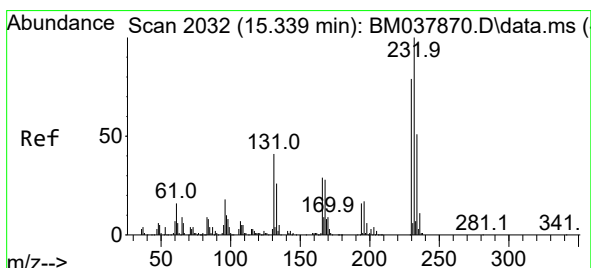
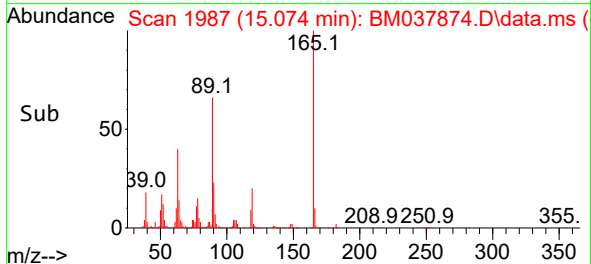
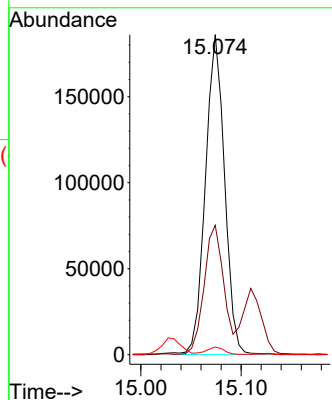
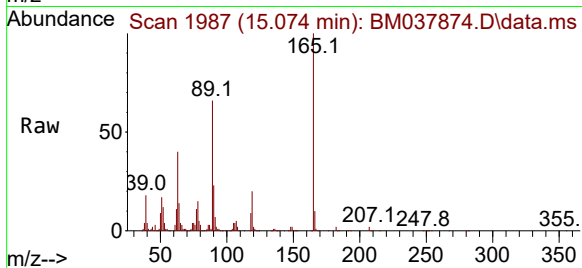
Tgt Ion:165 Resp: 246840

Ion Ratio Lower Upper

165 100

63 40.4 34.9 52.3

182 2.4 2.2 3.2



#58

2,3,4,6-Tetrachlorophenol

Concen: 21.941 ng/ul

RT: 15.333 min Scan# 2031

Delta R.T. -0.006 min

Lab File: BM037874.D

Acq: 07 Dec 2022 17:39

Tgt Ion:232 Resp: 230223

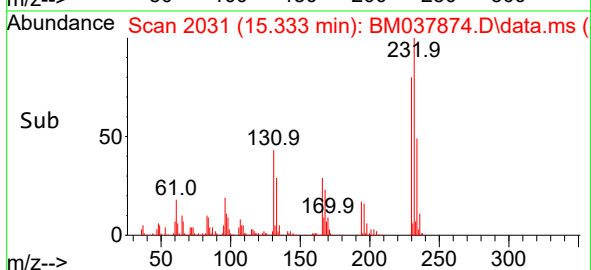
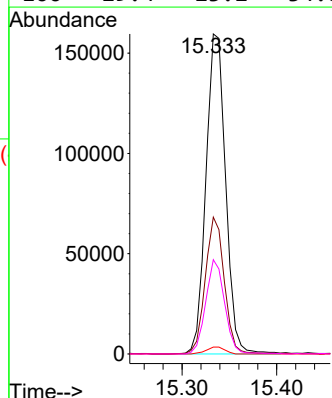
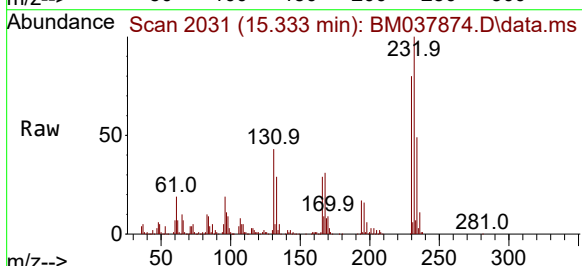
Ion Ratio Lower Upper

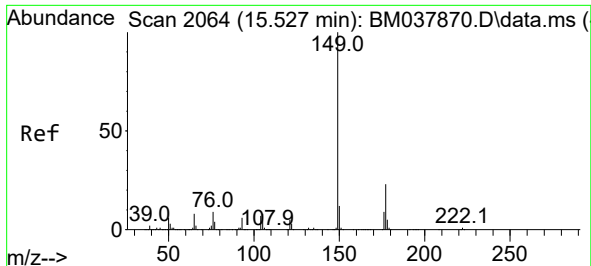
232 100

131 42.8 32.8 49.2

130 2.2 2.0 3.0

166 29.4 23.2 34.8

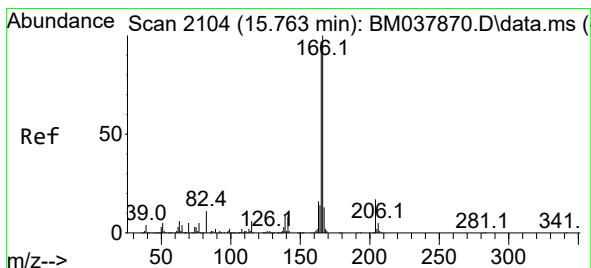
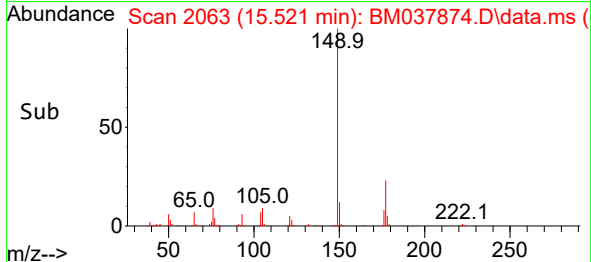
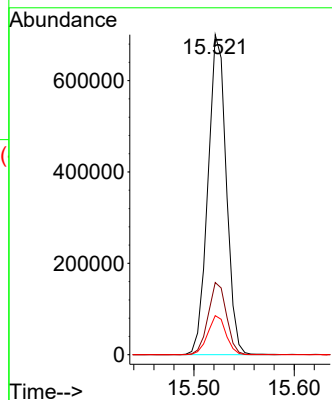
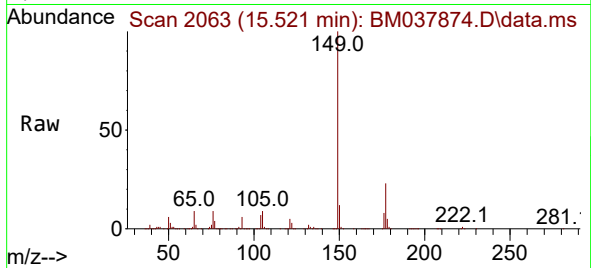




#59
Diethylphthalate
Concen: 21.146 ng/ul
RT: 15.521 min Scan# 2063
Delta R.T. -0.006 min
Lab File: BM037874.D
Acq: 07 Dec 2022 17:39

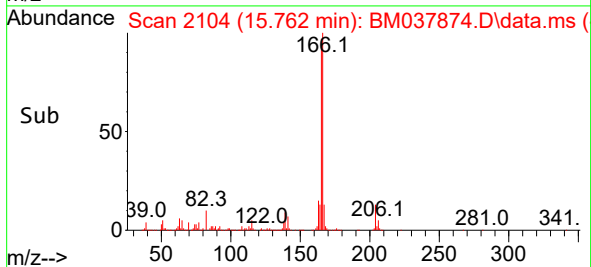
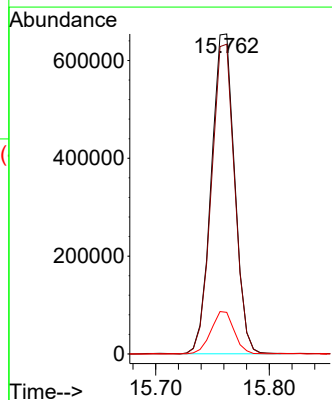
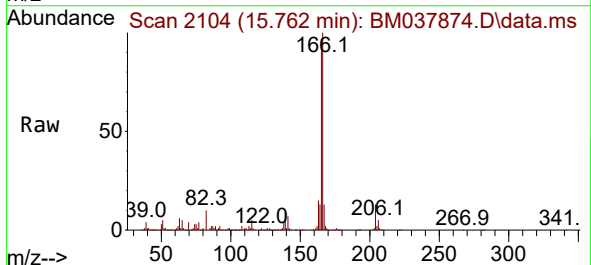
Instrument :
BNA_M
ClientSampleId :
SICV011

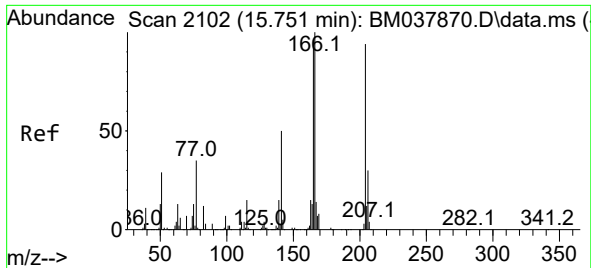
Tgt Ion:149 Resp: 890496
Ion Ratio Lower Upper
149 100
177 22.5 18.5 27.7
150 12.2 9.5 14.3



#61
Fluorene
Concen: 21.084 ng/ul
RT: 15.762 min Scan# 2104
Delta R.T. -0.000 min
Lab File: BM037874.D
Acq: 07 Dec 2022 17:39

Tgt Ion:166 Resp: 934943
Ion Ratio Lower Upper
166 100
165 96.8 77.2 115.8
167 13.0 10.4 15.6

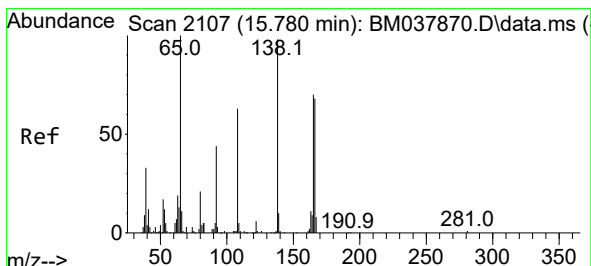
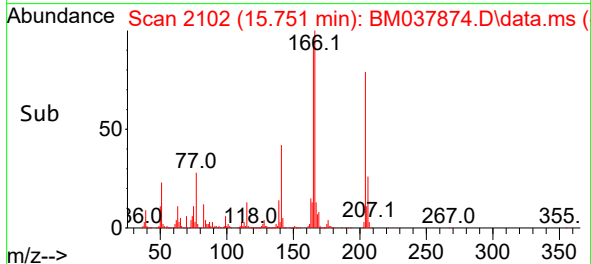
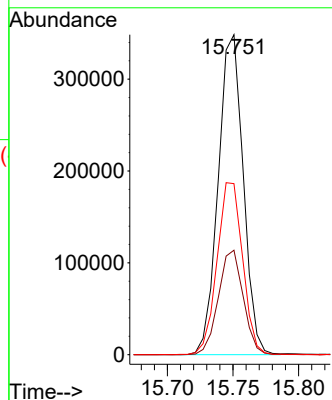
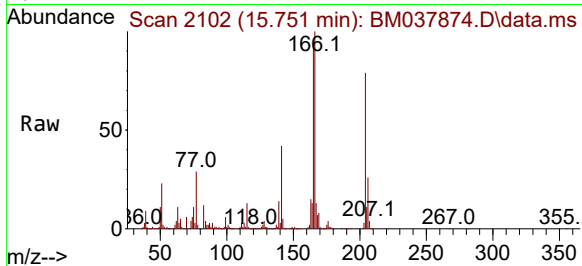




#62
4-Chlorophenyl-phenylether
Concen: 21.314 ng/ul
RT: 15.751 min Scan# 2102
Delta R.T. -0.000 min
Lab File: BM037874.D
Acq: 07 Dec 2022 17:39

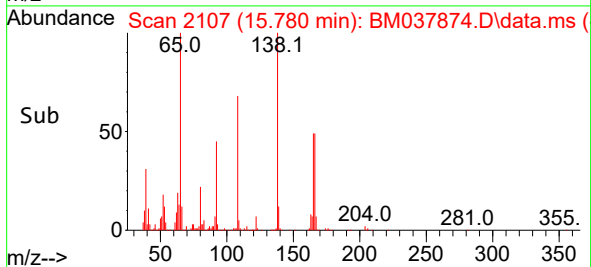
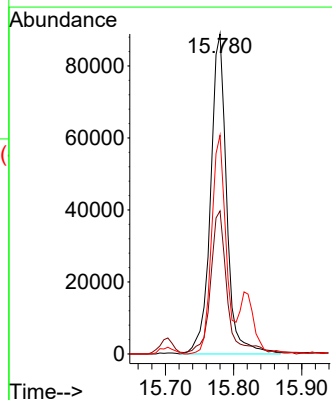
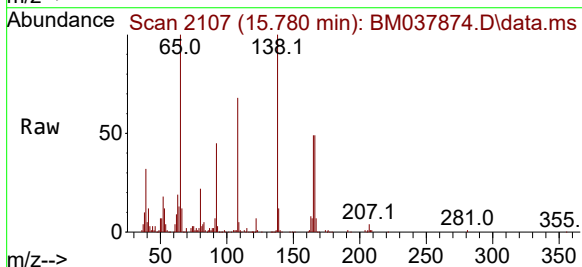
Instrument :
BNA_M
ClientSampleId :
SICV011

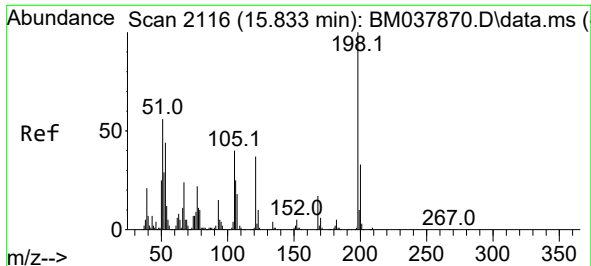
Tgt Ion:204 Resp: 461874
Ion Ratio Lower Upper
204 100
206 32.7 25.5 38.3
141 53.4 42.8 64.2



#63
4-Nitroaniline
Concen: 19.761 ng/ul
RT: 15.780 min Scan# 2107
Delta R.T. -0.000 min
Lab File: BM037874.D
Acq: 07 Dec 2022 17:39

Tgt Ion:138 Resp: 146787
Ion Ratio Lower Upper
138 100
92 44.7 36.1 54.1
108 68.4 51.6 77.4

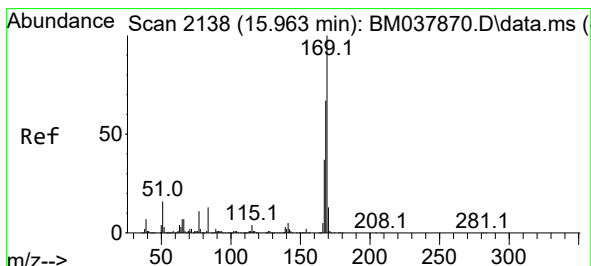
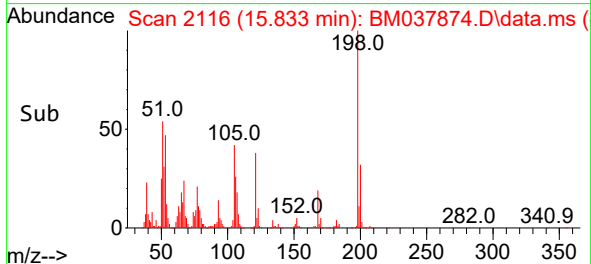
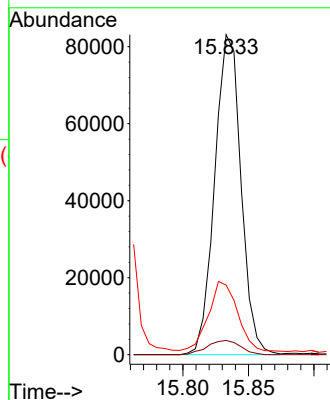
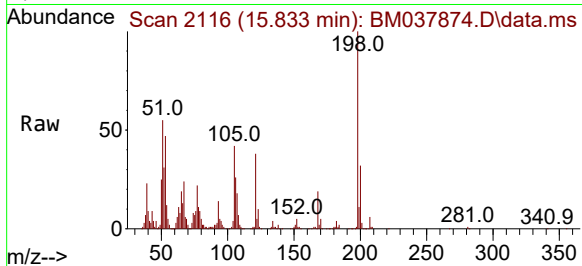




#66
 4,6-Dinitro-2-methylphenol
 Concen: 18.048 ng/ul
 RT: 15.833 min Scan# 2116
 Delta R.T. -0.000 min
 Lab File: BM037874.D
 Acq: 07 Dec 2022 17:39

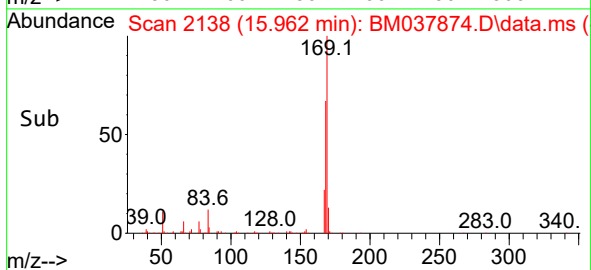
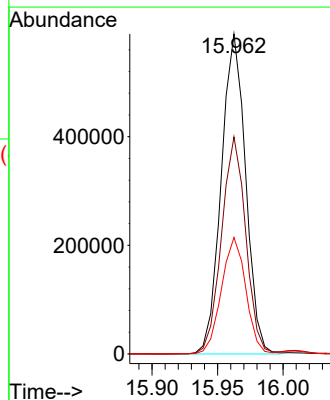
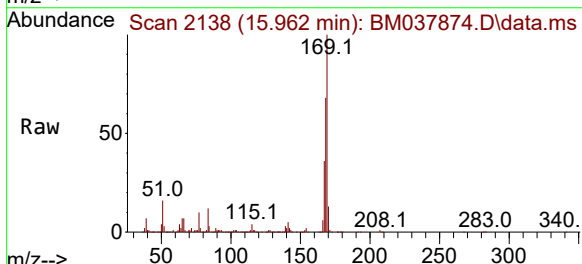
Instrument :
 BNA_M
 ClientSampleId :
 SICV011

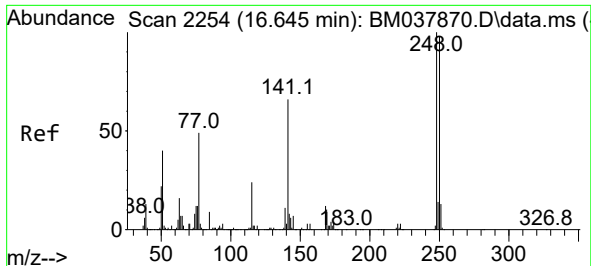
Tgt Ion:198 Resp: 115805
 Ion Ratio Lower Upper
 198 100
 182 4.4 3.8 5.8
 77 21.8 19.3 28.9



#67
 N-Nitrosodiphenylamine
 Concen: 20.345 ng/ul
 RT: 15.962 min Scan# 2138
 Delta R.T. -0.000 min
 Lab File: BM037874.D
 Acq: 07 Dec 2022 17:39

Tgt Ion:169 Resp: 760783
 Ion Ratio Lower Upper
 169 100
 168 67.8 53.8 80.8
 167 36.4 29.3 43.9

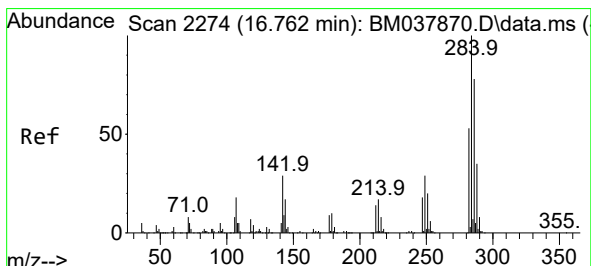
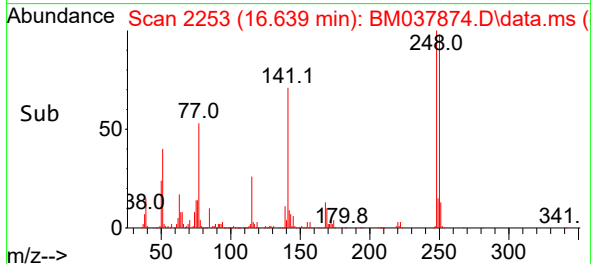
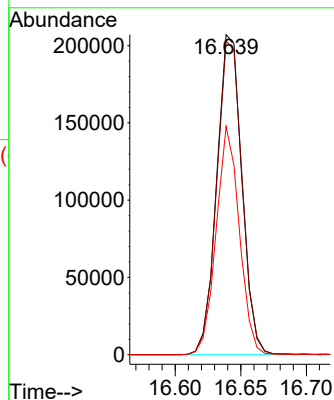
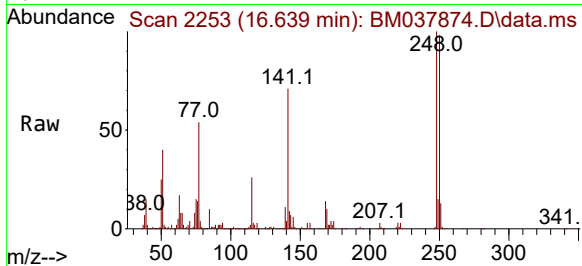




#68
4-Bromophenyl-phenylether
Concen: 20.238 ng/ul
RT: 16.639 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM037874.D
Acq: 07 Dec 2022 17:39

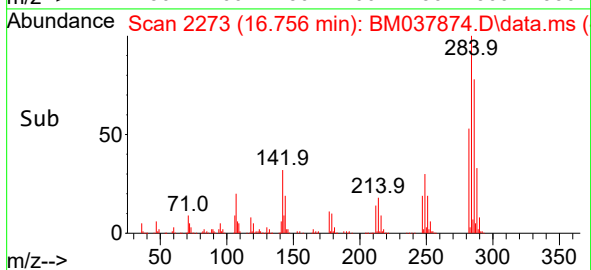
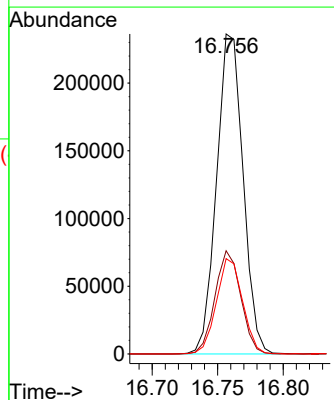
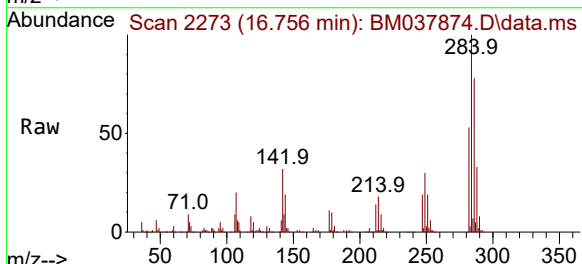
Instrument :
BNA_M
ClientSampleId :
SICV011

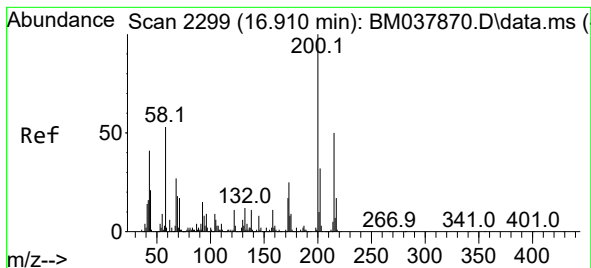
Tgt Ion:248 Resp: 275020
Ion Ratio Lower Upper
248 100
250 98.0 78.7 118.1
141 71.3 52.7 79.1



#69
Hexachlorobenzene
Concen: 20.454 ng/ul
RT: 16.756 min Scan# 2273
Delta R.T. -0.006 min
Lab File: BM037874.D
Acq: 07 Dec 2022 17:39

Tgt Ion:284 Resp: 331797
Ion Ratio Lower Upper
284 100
142 32.3 23.1 34.7
249 29.8 23.3 34.9





#70

Atrazine

Concen: 18.966 ng/ul

RT: 16.909 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM037874.D

Acq: 07 Dec 2022 17:39

Instrument :

BNA_M

ClientSampleId :

SICV011

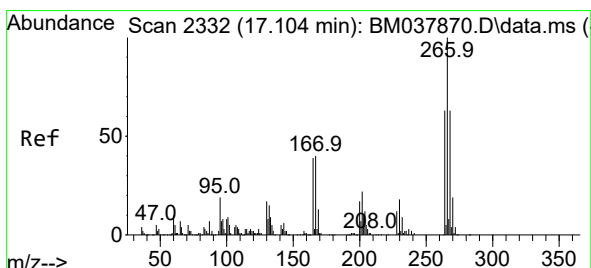
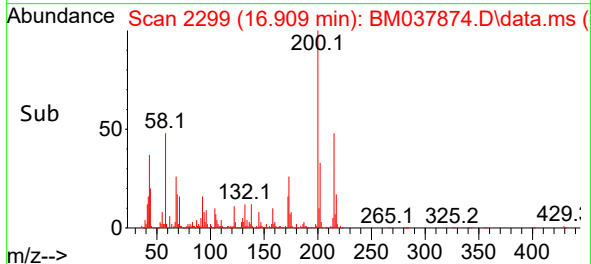
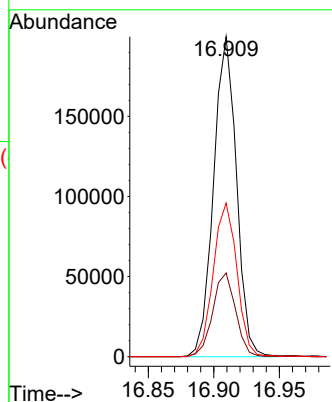
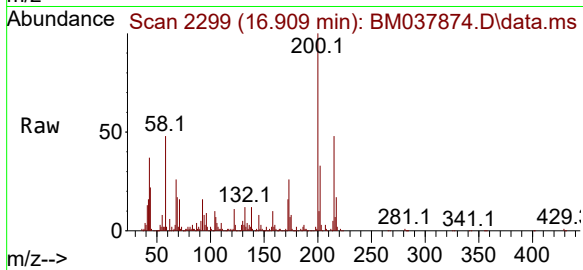
Tgt Ion:200 Resp: 242363

Ion Ratio Lower Upper

200 100

173 26.2 20.5 30.7

215 48.0 40.1 60.1



#71

Pentachlorophenol

Concen: 19.072 ng/ul

RT: 17.104 min Scan# 2332

Delta R.T. -0.000 min

Lab File: BM037874.D

Acq: 07 Dec 2022 17:39

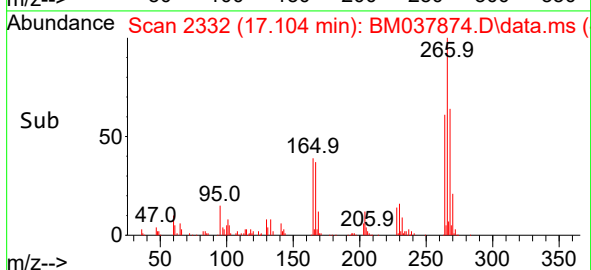
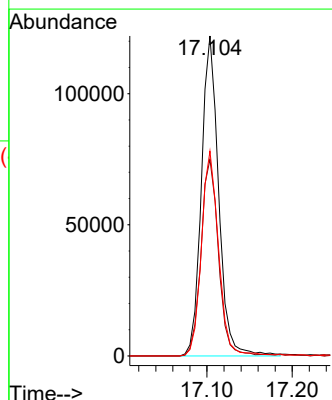
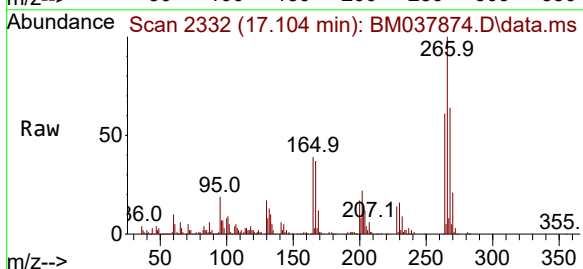
Tgt Ion:266 Resp: 172001

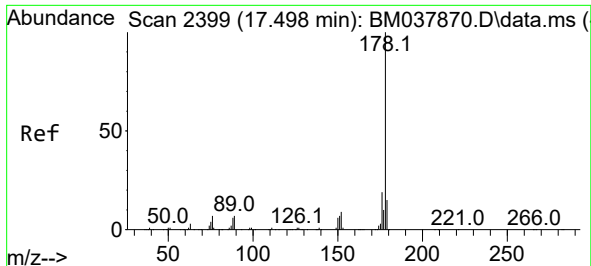
Ion Ratio Lower Upper

266 100

264 61.5 50.1 75.1

268 64.0 50.6 75.8

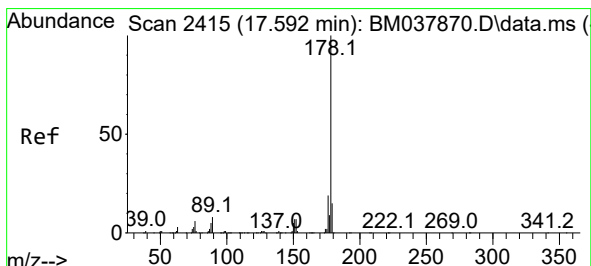
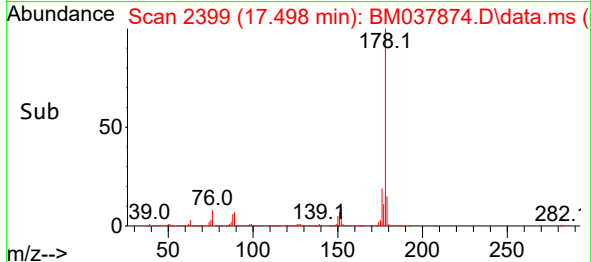
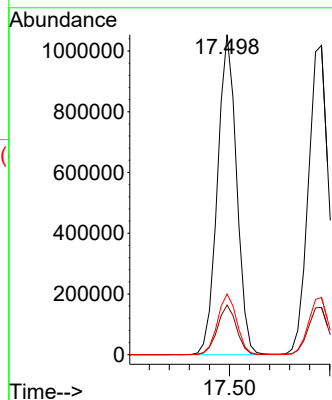
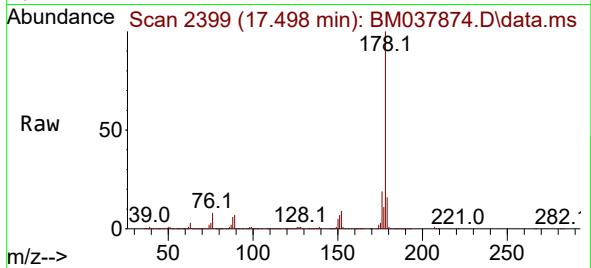




#72
Phenanthrene
Concen: 20.607 ng/ul
RT: 17.498 min Scan# 2399
Delta R.T. -0.000 min
Lab File: BM037874.D
Acq: 07 Dec 2022 17:39

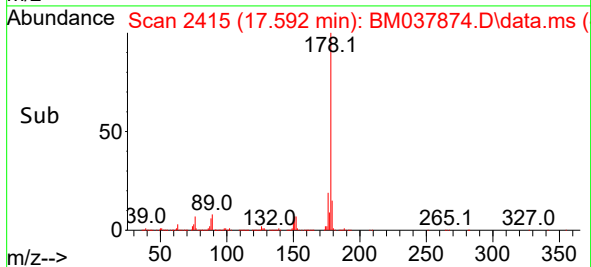
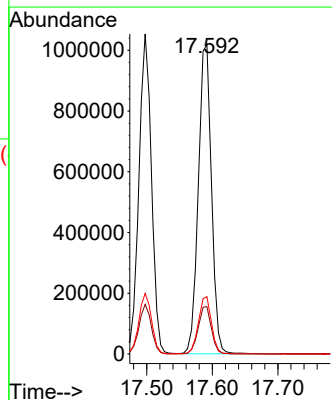
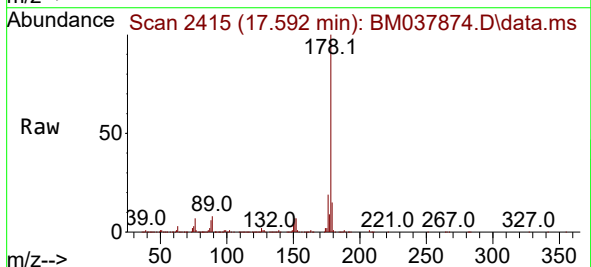
Instrument :
BNA_M
ClientSampleId :
SICV011

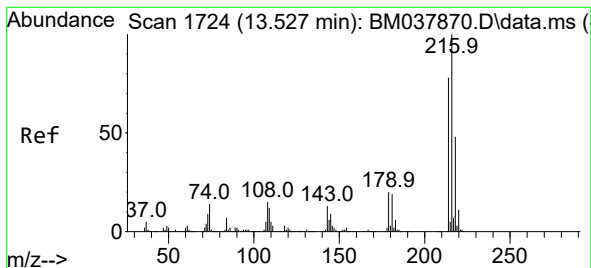
Tgt Ion:178 Resp: 1395076
Ion Ratio Lower Upper
178 100
179 15.5 12.2 18.2
176 19.0 15.4 23.0



#74
Anthracene
Concen: 20.699 ng/ul
RT: 17.592 min Scan# 2415
Delta R.T. -0.000 min
Lab File: BM037874.D
Acq: 07 Dec 2022 17:39

Tgt Ion:178 Resp: 1424085
Ion Ratio Lower Upper
178 100
179 15.3 11.8 17.8
176 18.5 15.0 22.6





#75

1,2,3,4-Tetrachlorobenzene

Concen: 19.528 ng/uL

RT: 13.521 min Scan# 1

Delta R.T. -0.006 min

Lab File: BM037874.D

Acq: 07 Dec 2022 17:39

Instrument :

BNA_M

ClientSampleId :

SICV011

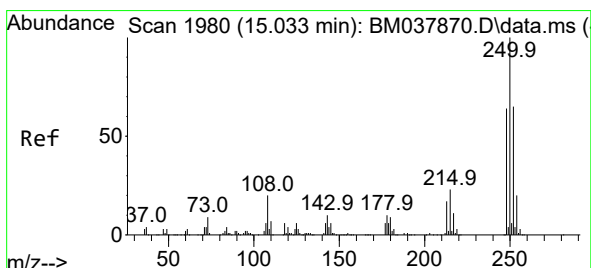
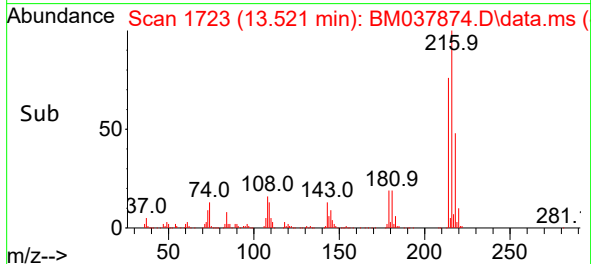
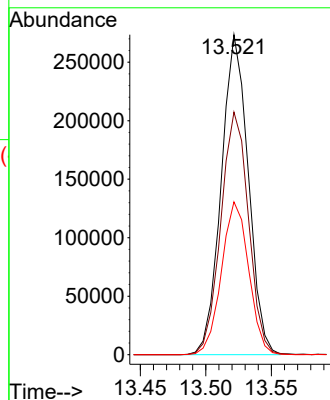
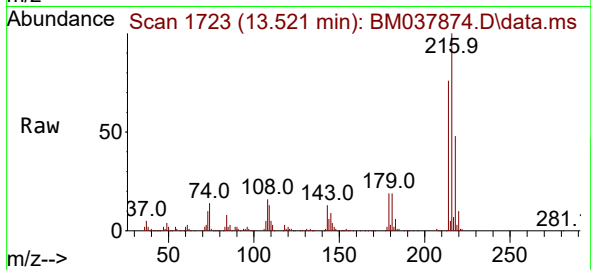
Tgt Ion:216 Resp: 391366

Ion Ratio Lower Upper

216 100

214 75.8 62.6 93.8

218 47.7 38.3 57.5



#76

Pentachlorobenzene

Concen: 21.663 ng/uL

RT: 15.033 min Scan# 1980

Delta R.T. -0.000 min

Lab File: BM037874.D

Acq: 07 Dec 2022 17:39

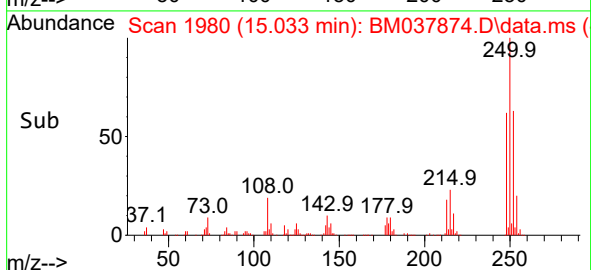
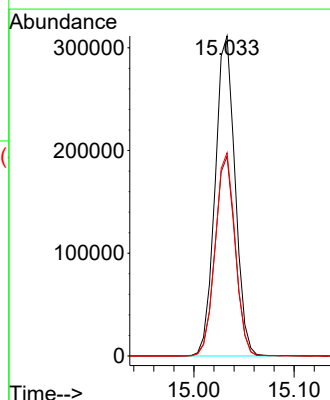
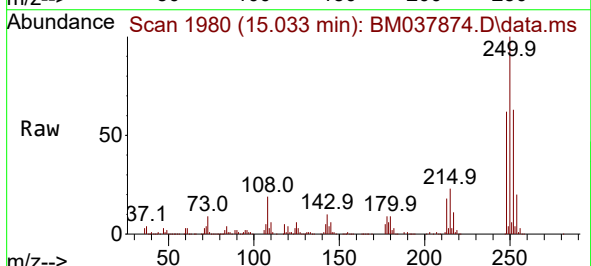
Tgt Ion:250 Resp: 430075

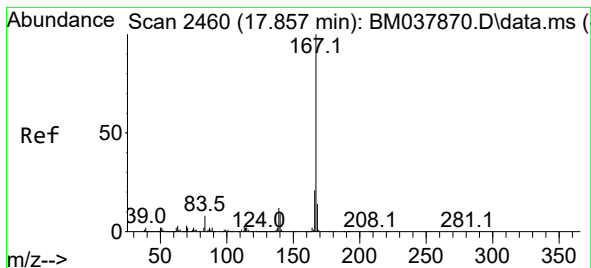
Ion Ratio Lower Upper

250 100

248 62.3 51.0 76.4

252 63.5 51.8 77.6





#77

Carbazole

Concen: 20.173 ng/ul

RT: 17.856 min Scan# 2460

Delta R.T. -0.000 min

Lab File: BM037874.D

Acq: 07 Dec 2022 17:39

Instrument :

BNA_M

ClientSampleId :

SICV011

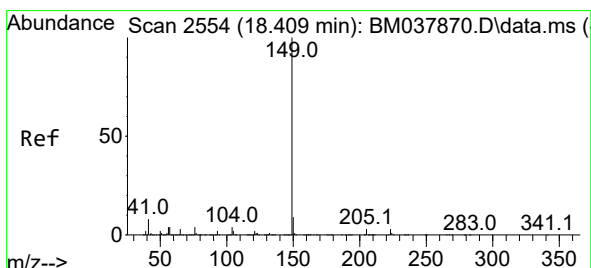
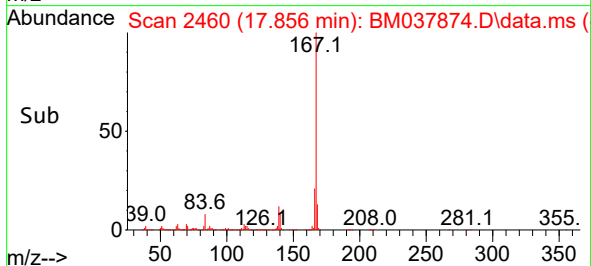
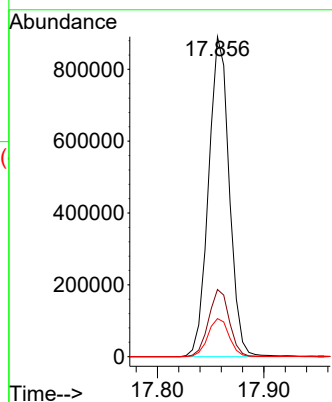
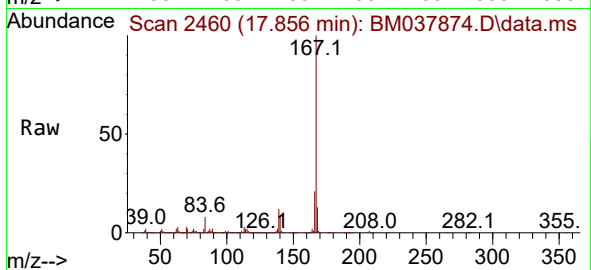
Tgt Ion:167 Resp: 1202428

Ion Ratio Lower Upper

167 100

166 21.0 16.7 25.1

139 11.9 9.8 14.6



#78

Di-n-butylphthalate

Concen: 21.177 ng/ul

RT: 18.409 min Scan# 2554

Delta R.T. -0.000 min

Lab File: BM037874.D

Acq: 07 Dec 2022 17:39

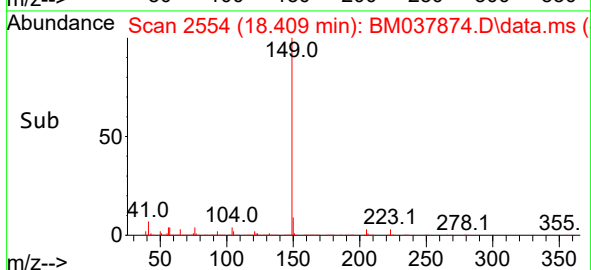
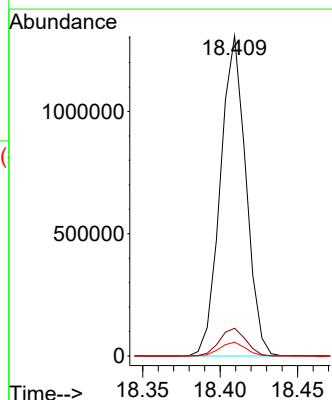
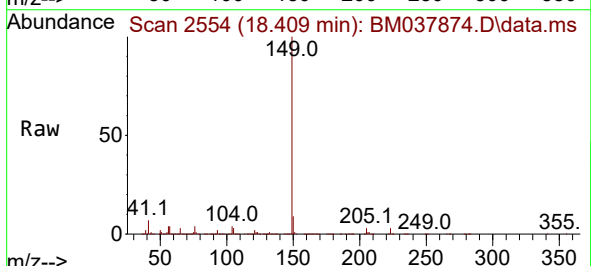
Tgt Ion:149 Resp: 1500440

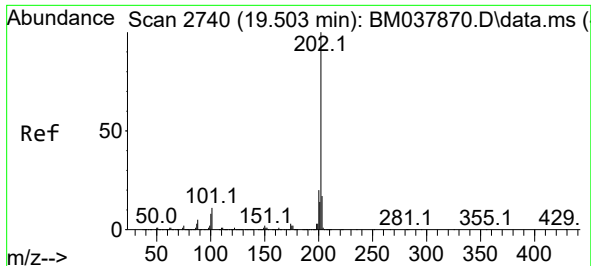
Ion Ratio Lower Upper

149 100

150 8.7 7.3 10.9

104 4.3 3.4 5.2

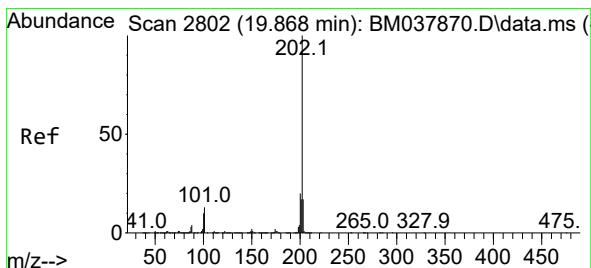
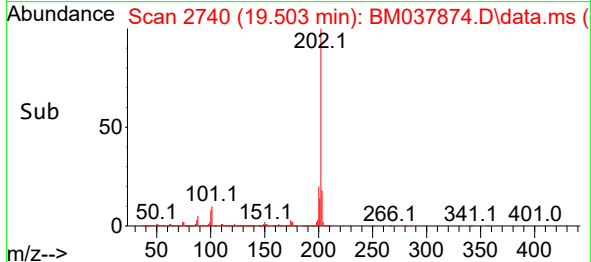
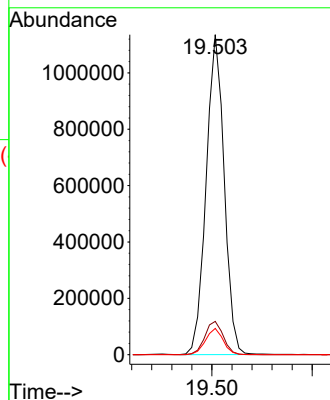
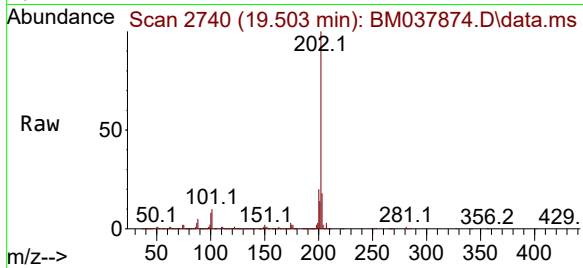




#80
Fluoranthene
Concen: 23.493 ng/ul
RT: 19.503 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM037874.D
Acq: 07 Dec 2022 17:39

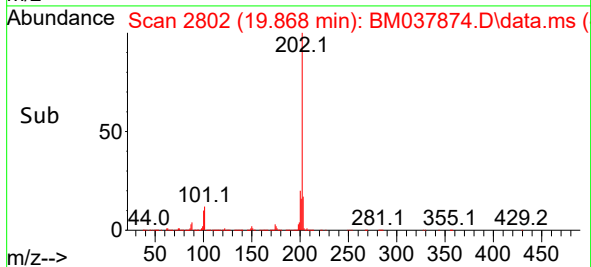
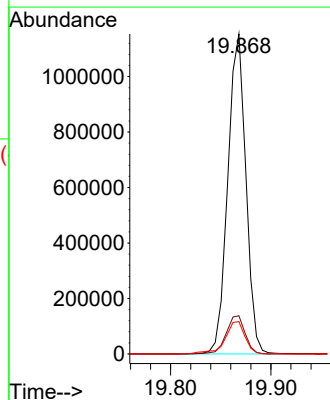
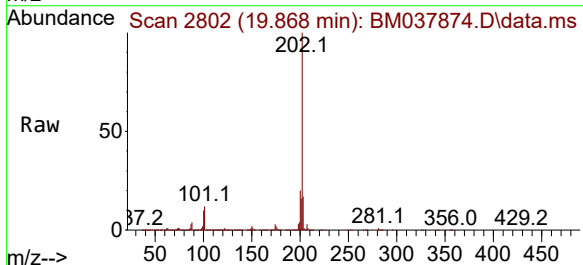
Instrument :
BNA_M
ClientSampleId :
SICV011

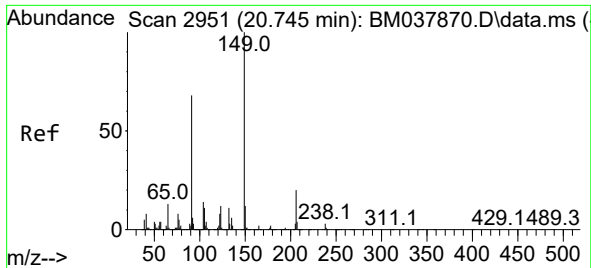
Tgt Ion:202 Resp: 1421847
Ion Ratio Lower Upper
202 100
101 10.4 8.6 13.0
100 8.2 6.6 10.0



#82
Pyrene
Concen: 22.889 ng/ul
RT: 19.868 min Scan# 2802
Delta R.T. -0.000 min
Lab File: BM037874.D
Acq: 07 Dec 2022 17:39

Tgt Ion:202 Resp: 1441751
Ion Ratio Lower Upper
202 100
101 12.0 10.0 15.0
100 10.1 7.9 11.9

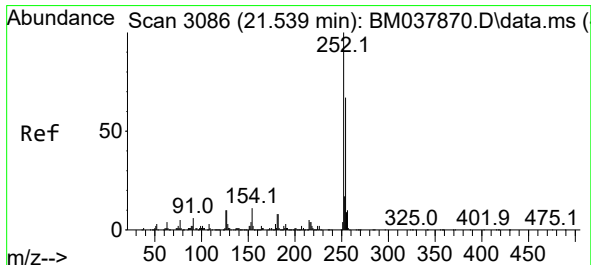
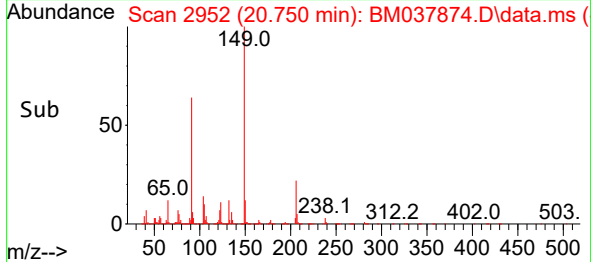
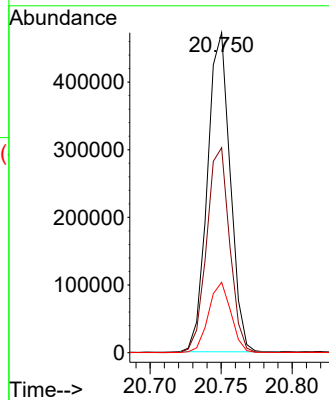
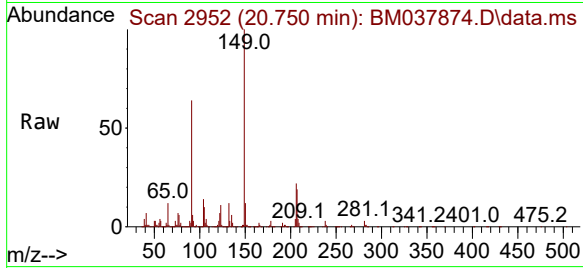




#83
 Butylbenzylphthalate
 Concen: 22.514 ng/ul
 RT: 20.750 min Scan# 2951
 Delta R.T. 0.006 min
 Lab File: BM037874.D
 Acq: 07 Dec 2022 17:39

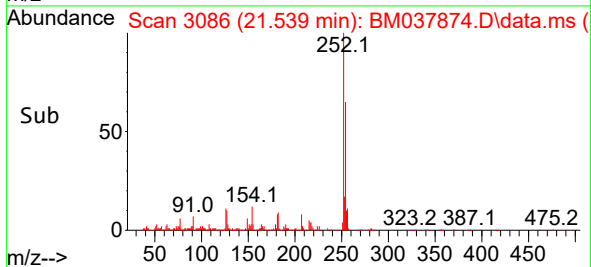
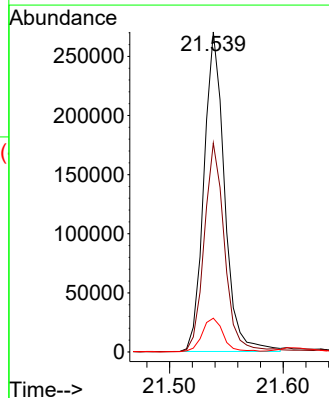
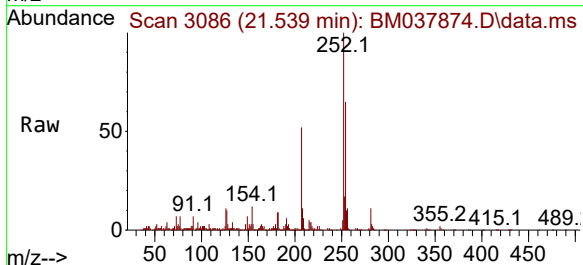
Instrument :
 BNA_M
 ClientSampleId :
 SICV011

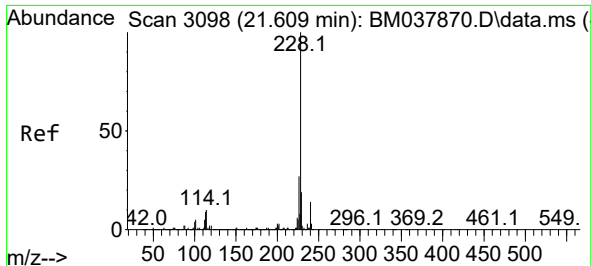
Tgt Ion:149 Resp: 527307
 Ion Ratio Lower Upper
 149 100
 91 64.1 54.5 81.7
 206 22.0 15.8 23.8



#84
 3,3'-Dichlorobenzidine
 Concen: 20.162 ng/ul
 RT: 21.539 min Scan# 3086
 Delta R.T. -0.000 min
 Lab File: BM037874.D
 Acq: 07 Dec 2022 17:39

Tgt Ion:252 Resp: 340595
 Ion Ratio Lower Upper
 252 100
 254 65.3 53.2 79.8
 126 10.5 7.8 11.8

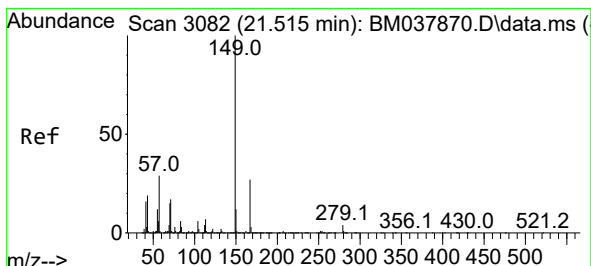
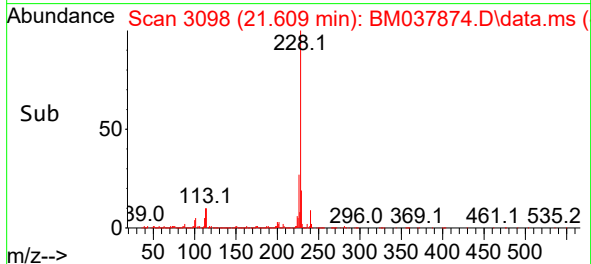
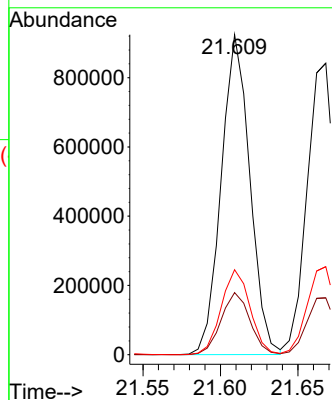
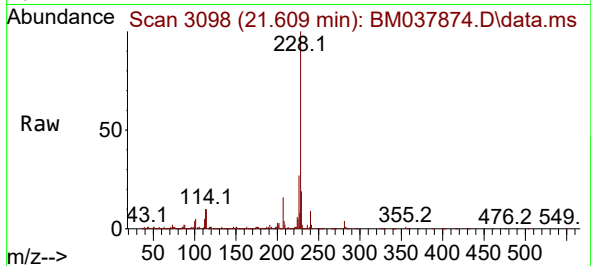




#85
Benzo(a)anthracene
Concen: 20.674 ng/ul
RT: 21.609 min Scan# 3098
Delta R.T. -0.000 min
Lab File: BM037874.D
Acq: 07 Dec 2022 17:39

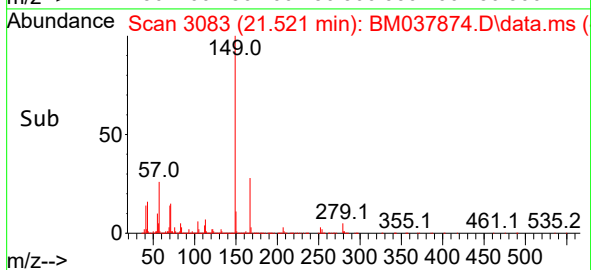
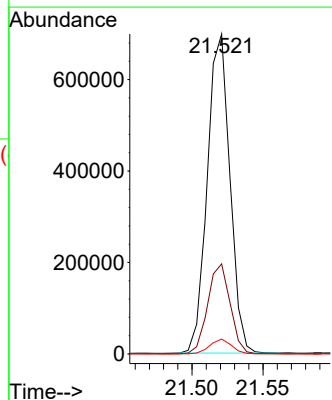
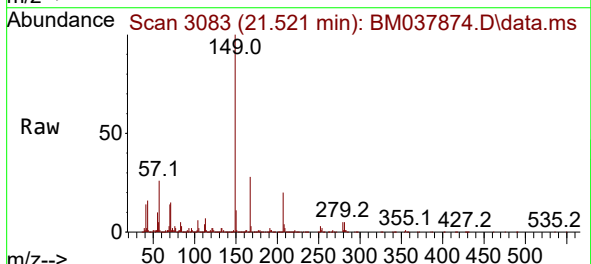
Instrument :
BNA_M
ClientSampleId :
SICV011

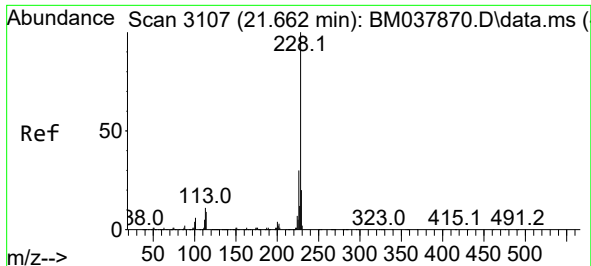
Tgt Ion:228 Resp: 1188228
Ion Ratio Lower Upper
228 100
229 19.4 15.5 23.3
226 26.5 21.8 32.8



#86
Bis(2-ethylhexyl)phthalate
Concen: 22.641 ng/ul
RT: 21.521 min Scan# 3083
Delta R.T. 0.006 min
Lab File: BM037874.D
Acq: 07 Dec 2022 17:39

Tgt Ion:149 Resp: 771443
Ion Ratio Lower Upper
149 100
167 28.2 21.5 32.3
279 4.7 3.2 4.8





#87

Chrysene

Concen: 20.322 ng/ul

RT: 21.668 min Scan# 3108

Delta R.T. 0.006 min

Lab File: BM037874.D

Acq: 07 Dec 2022 17:39

Instrument :

BNA_M

ClientSampleId :

SICV011

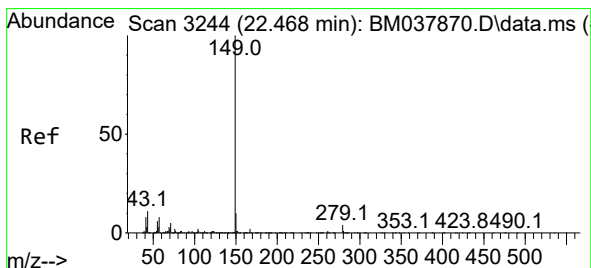
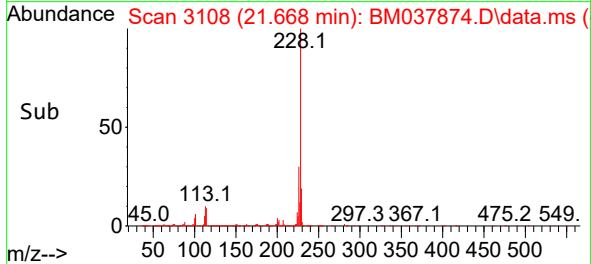
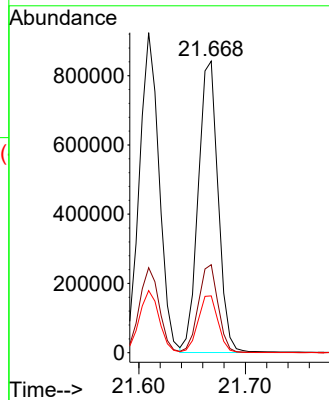
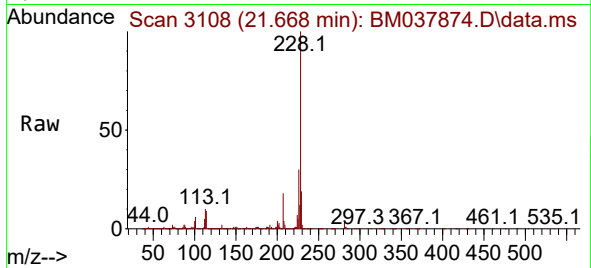
Tgt Ion:228 Resp: 1095855

Ion Ratio Lower Upper

228 100

226 30.2 24.3 36.5

229 19.5 15.6 23.4



#89

Di-n-octyl phthalate

Concen: 21.034 ng/ul

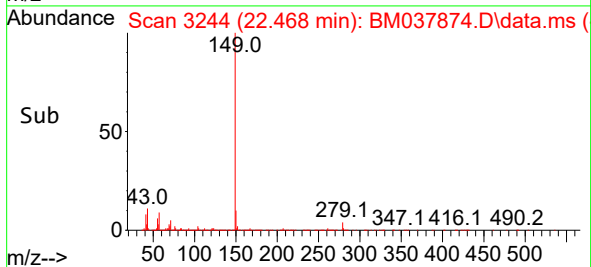
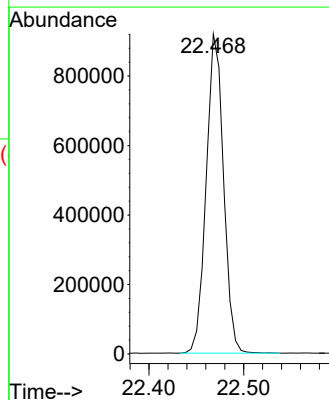
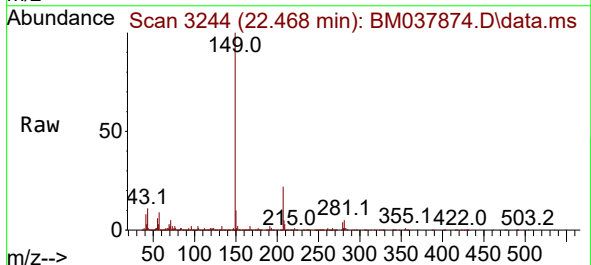
RT: 22.468 min Scan# 3244

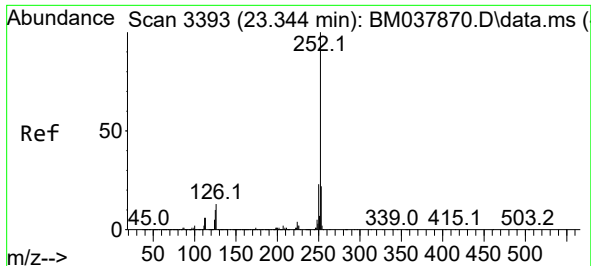
Delta R.T. -0.000 min

Lab File: BM037874.D

Acq: 07 Dec 2022 17:39

Tgt Ion:149 Resp: 1165060

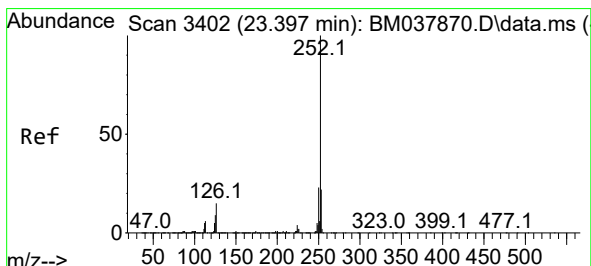
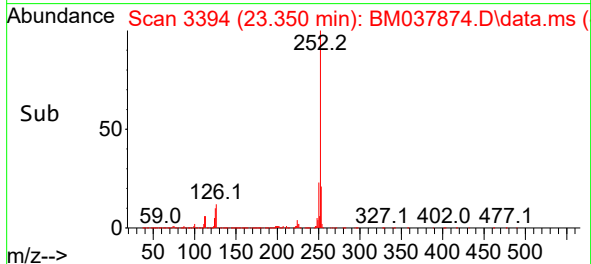
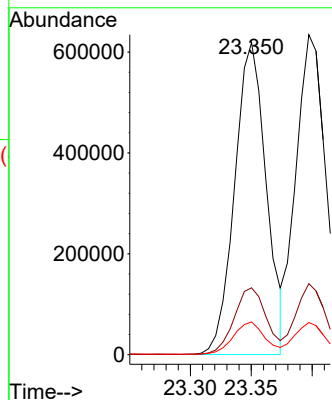
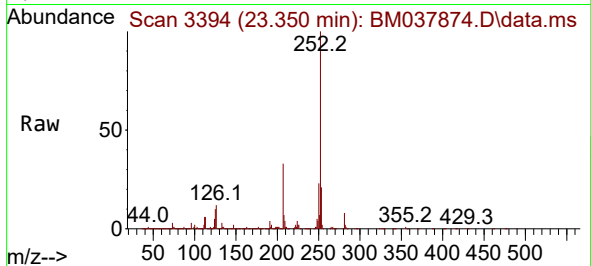




#90
Benzo(b)fluoranthene
Concen: 20.809 ng/ul
RT: 23.350 min Scan# 311
Delta R.T. 0.006 min
Lab File: BM037874.D
Acq: 07 Dec 2022 17:39

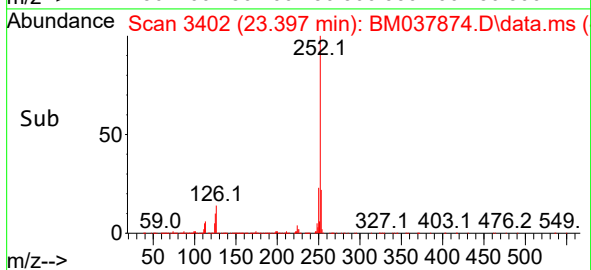
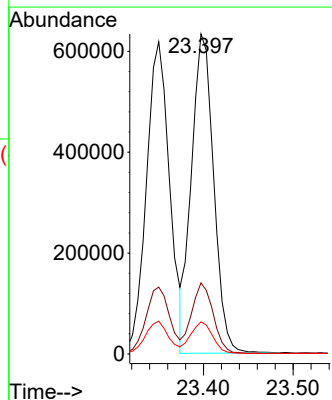
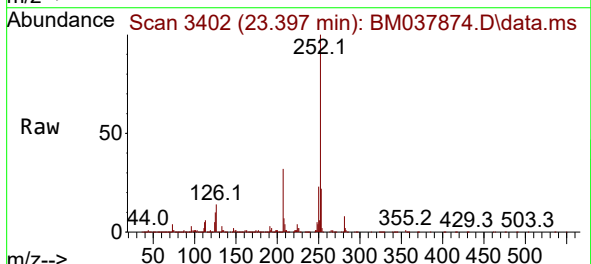
Instrument :
BNA_M
ClientSampleId :
SICV011

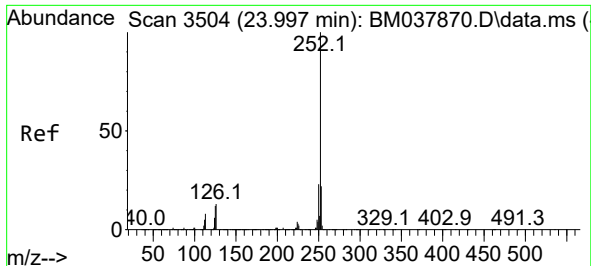
Tgt Ion:252 Resp: 1115189
Ion Ratio Lower Upper
252 100
253 21.4 17.6 26.4
125 10.5 8.0 12.0



#91
Benzo(k)fluoranthene
Concen: 20.992 ng/ul
RT: 23.397 min Scan# 3402
Delta R.T. -0.000 min
Lab File: BM037874.D
Acq: 07 Dec 2022 17:39

Tgt Ion:252 Resp: 1090319
Ion Ratio Lower Upper
252 100
253 22.2 17.4 26.2
125 10.1 8.1 12.1

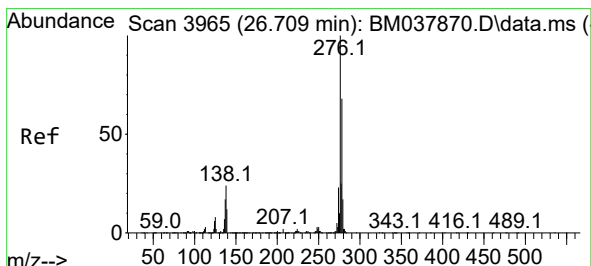
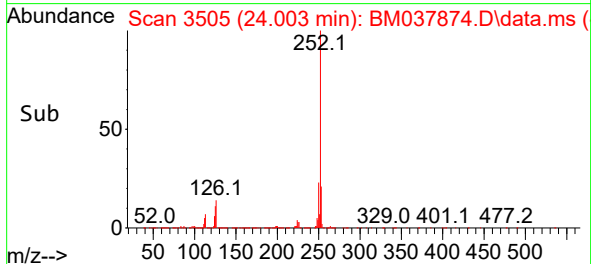
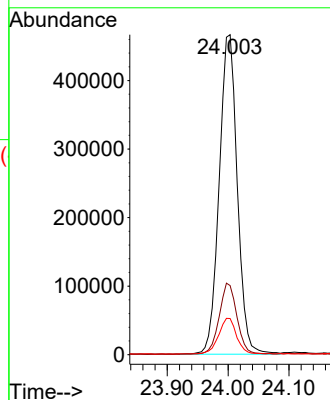
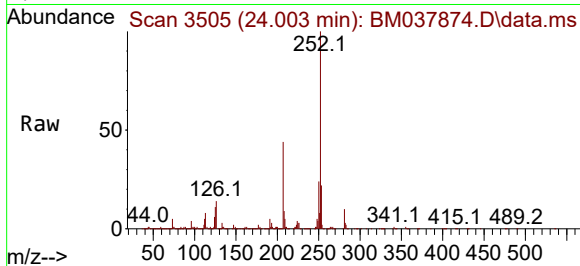




#93
Benzo(a)pyrene
Concen: 20.424 ng/ul
RT: 24.003 min Scan# 31
Delta R.T. 0.006 min
Lab File: BM037874.D
Acq: 07 Dec 2022 17:39

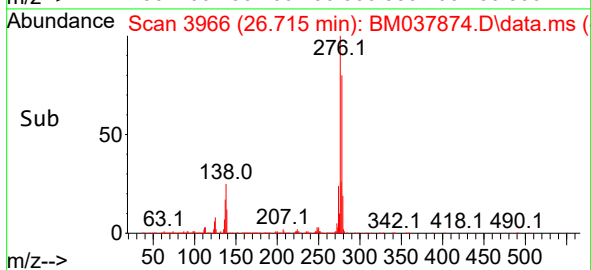
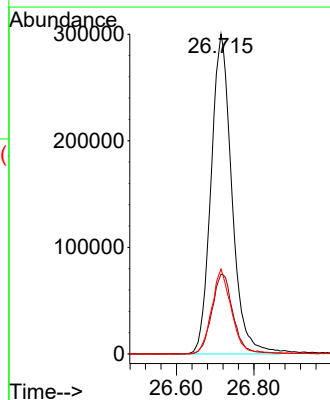
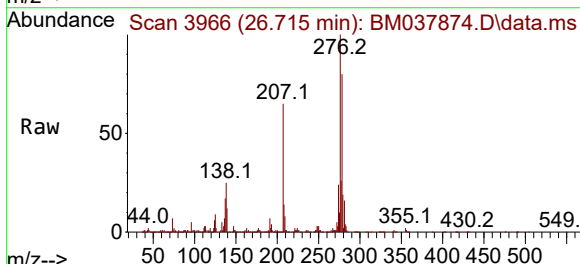
Instrument :
BNA_M
ClientSampleId :
SICV011

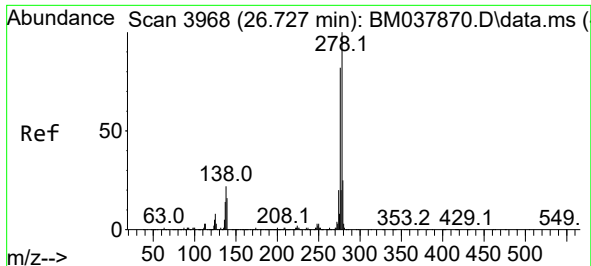
Tgt Ion:252 Resp: 962510
Ion Ratio Lower Upper
252 100
253 21.6 17.4 26.0
125 11.3 9.4 14.0



#94
Indeno(1,2,3-cd)pyrene
Concen: 18.435 ng/ul
RT: 26.715 min Scan# 3966
Delta R.T. 0.006 min
Lab File: BM037874.D
Acq: 07 Dec 2022 17:39

Tgt Ion:276 Resp: 1118902
Ion Ratio Lower Upper
276 100
138 24.9 19.3 28.9
277 26.5 19.8 29.8

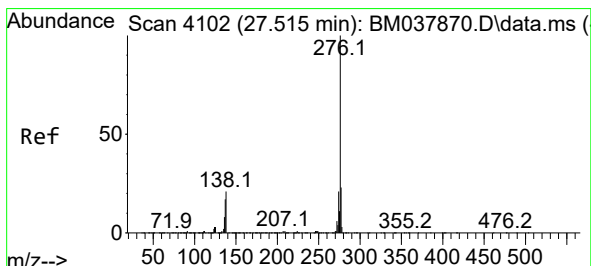
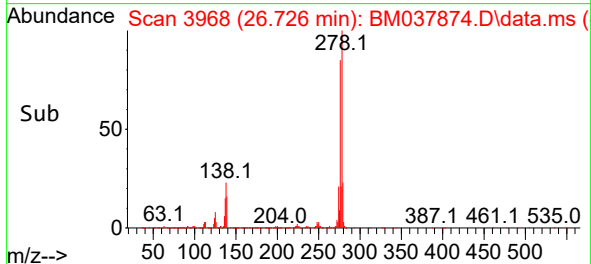
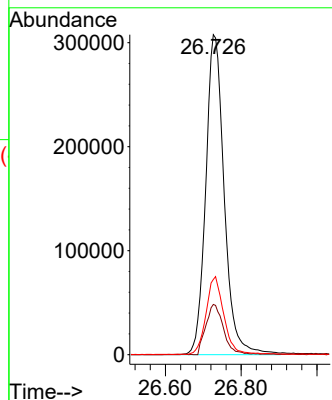
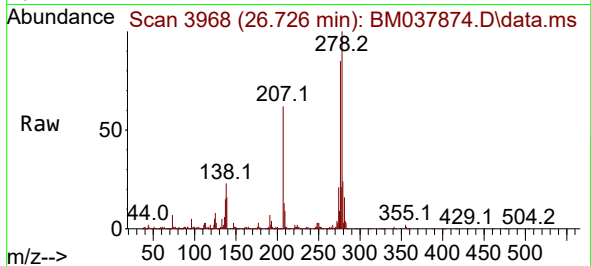




#95
Dibenzo(a,h)anthracene
Concen: 20.334 ng/ul
RT: 26.726 min Scan# 3968
Delta R.T. -0.000 min
Lab File: BM037874.D
Acq: 07 Dec 2022 17:39

Instrument :
BNA_M
ClientSampleId :
SICV011

Tgt Ion:278 Resp: 1040418
Ion Ratio Lower Upper
278 100
139 15.7 12.4 18.6
279 23.5 19.8 29.6



#96
Benzo(g,h,i)perylene
Concen: 19.815 ng/ul
RT: 27.520 min Scan# 4103
Delta R.T. 0.006 min
Lab File: BM037874.D
Acq: 07 Dec 2022 17:39

Tgt Ion:276 Resp: 960210
Ion Ratio Lower Upper
276 100
138 19.8 17.1 25.7
277 24.5 18.2 27.4

