

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112322\
 Data File : BM037688.D
 Acq On : 23 Nov 2022 23:30
 Operator : CG/JU
 Sample : SSTDICV020
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SICV046

Quant Time: Nov 24 01:32:10 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM112322.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Nov 24 01:27:15 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.116	152	183328	20.000	ng/ul	0.00
20) Naphthalene-d8	10.939	136	922827	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.739	164	650870	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.474	188	1461620	20.000	ng/ul	0.00
79) Chrysene-d12	21.639	240	1588392	20.000	ng/ul	# 0.00
88) Perylene-d12	24.133	264	1543445	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.434	96	28388	6.422	ng/uL	0.00
4) Pyridine-d5	3.869	84	244497	16.992	ng/ul	0.00
7) Phenol-d5	7.263	99	332188	18.163	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.434	67	239841	19.658	ng/ul	0.00
11) 2-Chlorophenol-d4	7.640	132	240630	18.934	ng/ul	0.00
15) 4-Methylphenol-d8	8.822	113	277617	19.075	ng/ul	0.00
21) Nitrobenzene-d5	9.287	128	140943	19.482	ng/ul	0.00
24) 2-Nitrophenol-d4	10.010	143	146777	20.590	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.551	165	271133	20.784	ng/ul	0.00
31) 4-Chloroaniline-d4	11.069	131	414072	19.128	ng/ul	0.00
46) Dimethylphthalate-d6	14.145	166	931269	20.200	ng/ul	0.00
49) Acenaphthylene-d8	14.439	160	1070769	19.677	ng/ul	0.00
54) 4-Nitrophenol-d4	14.922	143	206912	20.375	ng/ul	0.00
60) Fluorene-d10	15.727	176	808711	20.029	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.833	200	149055	18.957	ng/ul	0.00
73) Anthracene-d10	17.574	188	1343872	19.661	ng/ul	0.00
81) Pyrene-d10	19.851	212	1550808	19.213	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.968	264	1528013	19.233	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.469	88	30280	6.231	ng/uL	96
5) Pyridine	3.893	79	231016	15.789	ng/ul	97
6) Benzaldehyde	7.246	77	237462	24.737	ng/ul	99
8) Phenol	7.287	94	331348	17.283	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.528	93	269704	17.353	ng/ul	97
12) 2-Chlorophenol	7.675	128	251838	18.140	ng/ul	98
13) 2-Methylphenol	8.557	108	265529	18.155	ng/ul	97
14) 2,2'-oxybis(1-Chloropr...	8.651	45	470703	16.767	ng/ul	99
16) Acetophenone	8.945	105	455968	19.031	ng/ul	100
17) N-Nitroso-di-n-propyla...	8.928	70	257439	18.333	ng/ul	99
18) 4-Methylphenol	8.887	108	293000	18.133	ng/ul	96
19) Hexachloroethane	9.210	117	108792	18.118	ng/ul#	84
22) Nitrobenzene	9.328	77	354431	17.968	ng/ul	99
23) Isophorone	9.857	82	717042	18.036	ng/ul	98
25) 2-Nitrophenol	10.045	139	156324	19.389	ng/ul	97
26) 2,4-Dimethylphenol	10.098	107	334959	18.917	ng/ul	99
27) Bis(2-Chloroethoxy)met...	10.339	93	403841	17.707	ng/ul	100
29) 2,4-Dichlorophenol	10.581	162	266624	19.978	ng/ul	95
30) Naphthalene	10.986	128	928708	18.405	ng/ul	100
32) 4-Chloroaniline	11.098	127	422426	18.725	ng/ul	100
33) Hexachlorobutadiene	11.275	225	152220	21.727	ng/ul	97
34) Caprolactam	11.869	113	105218	18.930	ng/ul	96
35) 4-Chloro-3-methylphenol	12.204	107	328449	19.253	ng/ul	99
36) 2-Methylnaphthalene	12.586	142	676111	19.289	ng/ul	99

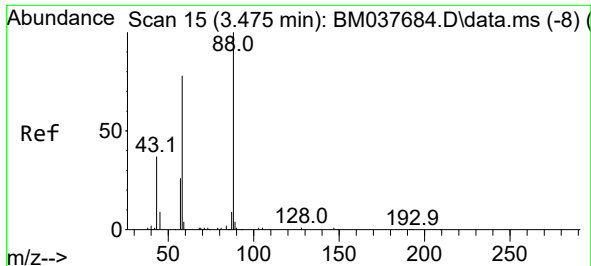
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.804	142	657065	18.633	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.945	216	311642	19.500	ng/ul	97
40) Hexachlorocyclopentadiene	12.928	237	190644	19.156	ng/ul	99
41) 2,4,6-Trichlorophenol	13.180	196	218691	19.003	ng/ul	99
42) 2,4,5-Trichlorophenol	13.251	196	241232	19.591	ng/ul	99
43) 1,1'-Biphenyl	13.580	154	911361	18.439	ng/ul	98
44) 2-Chloronaphthalene	13.627	162	696922	18.141	ng/ul	99
45) 2-Nitroaniline	13.822	65	258908	17.777	ng/ul	95
47) Dimethylphthalate	14.192	163	925309	18.882	ng/ul	99
48) 2,6-Dinitrotoluene	14.316	165	192055	20.296	ng/ul	96
50) Acenaphthylene	14.469	152	1160476	18.866	ng/ul	100
51) 3-Nitroaniline	14.639	138	233546	20.339	ng/ul	93
52) Acenaphthene	14.804	153	797532	18.130	ng/ul	99
53) 2,4-Dinitrophenol	14.839	184	105583	19.017	ng/ul	95
55) 4-Nitrophenol	14.933	109	180238	19.806	ng/ul	93
56) Dibenzofuran	15.133	168	1108433	19.305	ng/ul	99
57) 2,4-Dinitrotoluene	15.092	165	279779	20.149	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.357	232	214232	21.205	ng/ul	94
59) Diethylphthalate	15.545	149	994341	18.800	ng/ul	98
61) Fluorene	15.780	166	937085	18.841	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.774	204	425160	19.596	ng/ul	97
63) 4-Nitroaniline	15.798	138	258910	23.724	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.851	198	151115	18.109	ng/ul	97
67) N-Nitrosodiphenylamine	15.986	169	825069	18.168	ng/ul	99
68) 4-Bromophenyl-phenylether	16.663	248	228466	19.433	ng/ul	94
69) Hexachlorobenzene	16.780	284	272724	18.063	ng/ul	96
70) Atrazine	16.927	200	275125	17.848	ng/ul	98
71) Pentachlorophenol	17.121	266	180750	18.080	ng/ul	99
72) Phenanthrene	17.521	178	1527643	17.842	ng/ul	100
74) Anthracene	17.610	178	1599625	18.402	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.545	216	301977	17.271	ng/ul	99
76) Pentachlorobenzene	15.057	250	306180	16.464	ng/ul	99
77) Carbazole	17.874	167	1551227	18.771	ng/ul	100
78) Di-n-butylphthalate	18.433	149	1858605	15.537	ng/ul	100
80) Fluoranthene	19.521	202	1820337	17.654	ng/ul	96
82) Pyrene	19.880	202	1954203	17.943	ng/ul	96
83) Butylbenzylphthalate	20.762	149	874410	17.235	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.551	252	663973	20.814	ng/ul	98
85) Benzo(a)anthracene	21.621	228	1947748	18.330	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.533	149	1330111	17.353	ng/ul#	97
87) Chrysene	21.674	228	1819345	18.194	ng/ul	99
89) Di-n-octyl phthalate	22.486	149	2225266	16.878	ng/ul	100
90) Benzo(b)fluoranthene	23.368	252	1916180	18.262	ng/ul	97
91) Benzo(k)fluoranthene	23.415	252	1834926	17.932	ng/ul	98
93) Benzo(a)pyrene	24.021	252	1649789	18.091	ng/ul	97
94) Indeno(1,2,3-cd)pyrene	26.738	276	1920755	18.359	ng/ul	95
95) Dibenzo(a,h)anthracene	26.756	278	1662279	17.696	ng/ul	98
96) Benzo(g,h,i)perylene	27.544	276	1626263	17.850	ng/ul	96

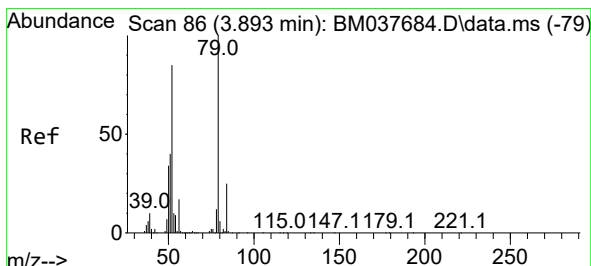
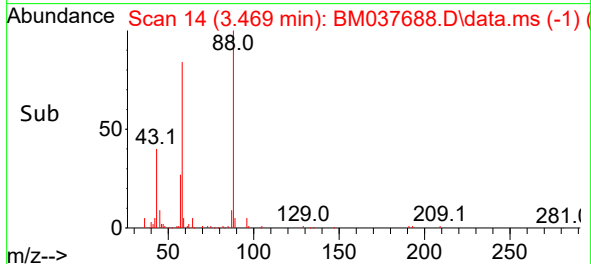
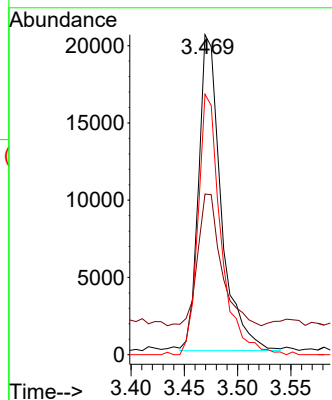
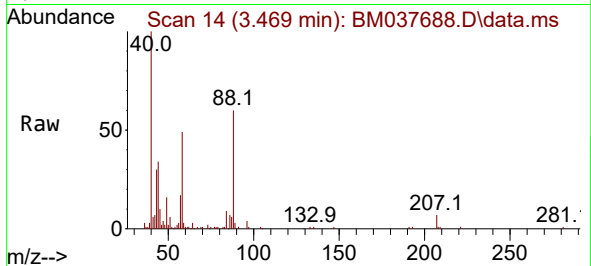
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
1,4-Dioxane
Concen: 6.231 ng/uL
RT: 3.469 min Scan# 14
Delta R.T. -0.006 min
Lab File: BM037688.D
Acq: 23 Nov 2022 23:30

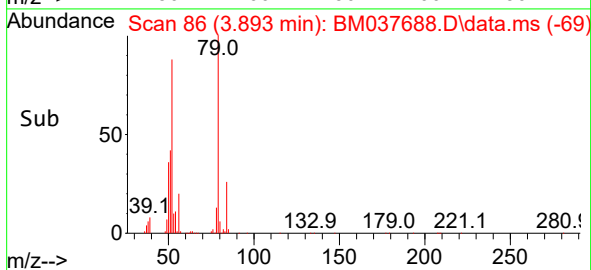
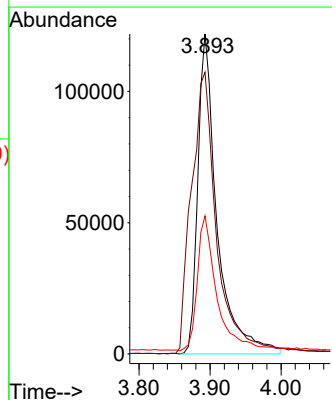
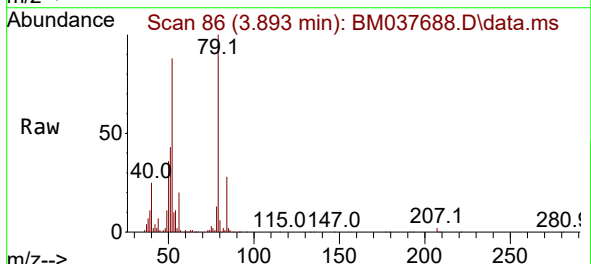
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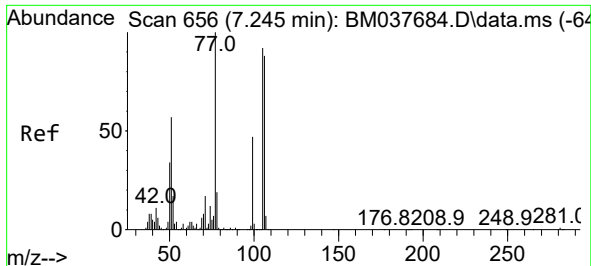
Tgt Ion: 88 Resp: 30280
Ion Ratio Lower Upper
88 100
43 50.2 42.8 64.2
58 81.4 62.6 94.0



#5
Pyridine
Concen: 15.789 ng/uL
RT: 3.893 min Scan# 86
Delta R.T. 0.000 min
Lab File: BM037688.D
Acq: 23 Nov 2022 23:30

Tgt Ion: 79 Resp: 231016
Ion Ratio Lower Upper
79 100
52 88.0 68.2 102.4
51 43.1 32.4 48.6

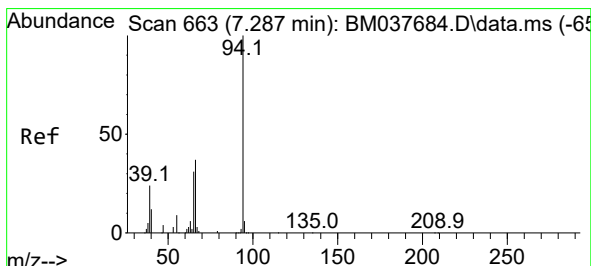
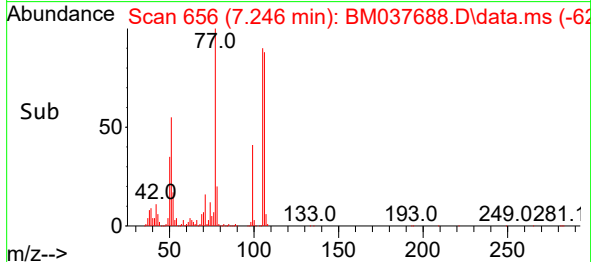
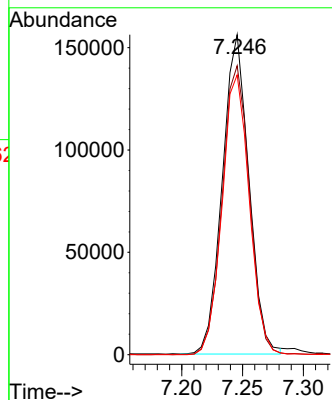
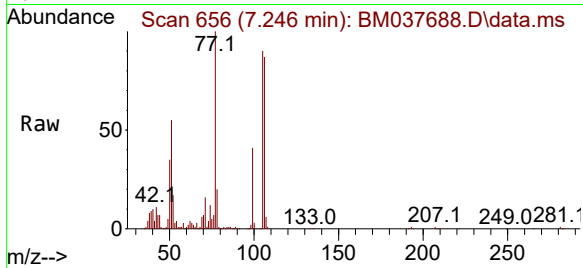




#6
Benzaldehyde
Concen: 24.737 ng/ul
RT: 7.246 min Scan# 656
Delta R.T. 0.000 min
Lab File: BM037688.D
Acq: 23 Nov 2022 23:30

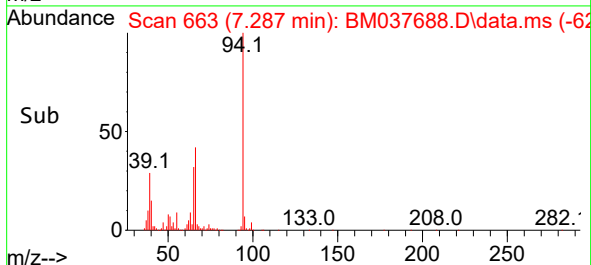
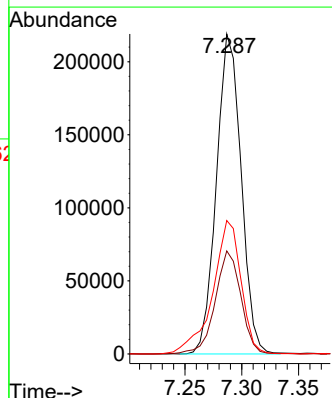
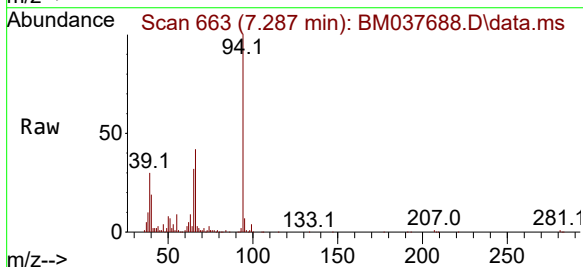
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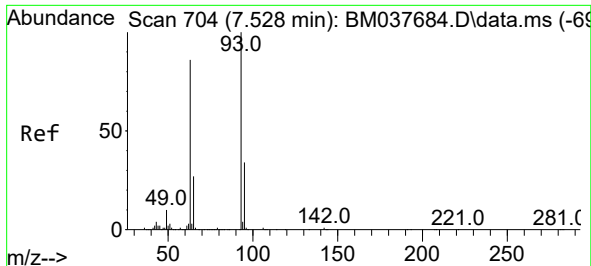
Tgt Ion: 77 Resp: 237462
Ion Ratio Lower Upper
77 100
105 90.3 73.4 110.0
106 87.5 70.2 105.2



#8
Phenol
Concen: 17.283 ng/ul
RT: 7.287 min Scan# 663
Delta R.T. 0.000 min
Lab File: BM037688.D
Acq: 23 Nov 2022 23:30

Tgt Ion: 94 Resp: 331348
Ion Ratio Lower Upper
94 100
65 32.2 25.0 37.4
66 41.7 31.0 46.6

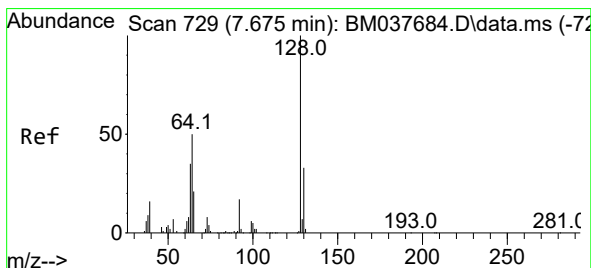
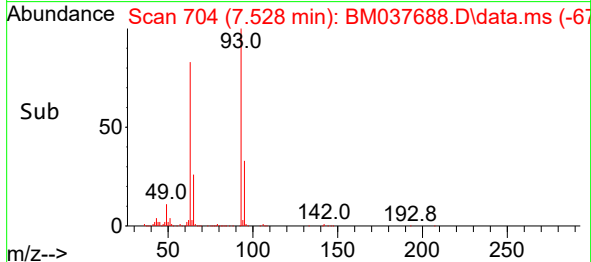
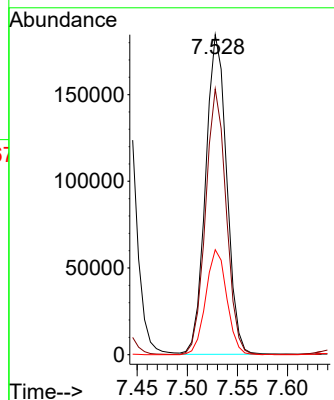
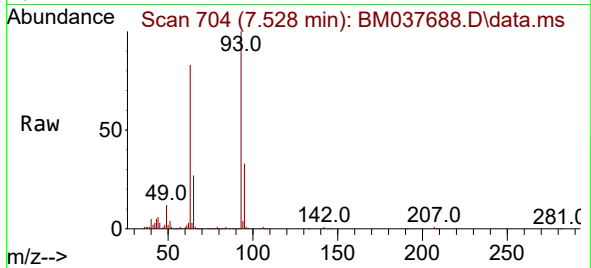




#10
Bis(2-Chloroethyl)ether
Concen: 17.353 ng/ul
RT: 7.528 min Scan# 704
Delta R.T. 0.000 min
Lab File: BM037688.D
Acq: 23 Nov 2022 23:30

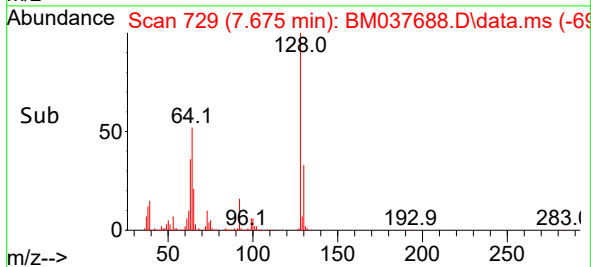
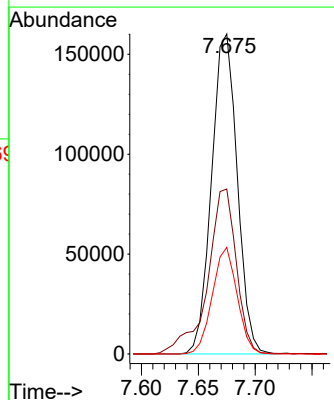
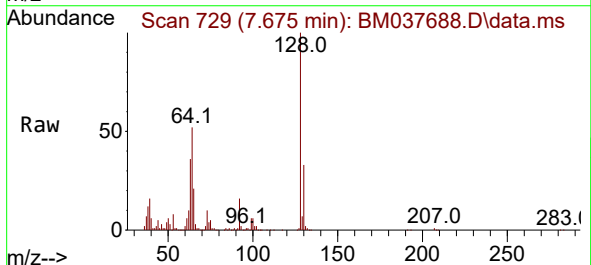
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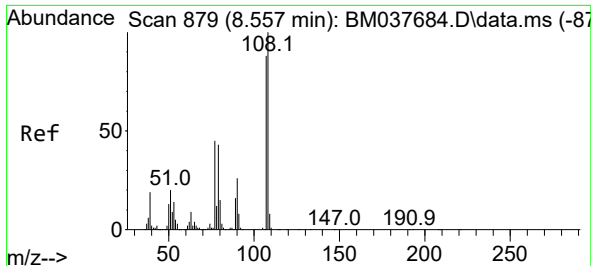
Tgt Ion: 93 Resp: 269704
Ion Ratio Lower Upper
93 100
63 83.0 68.6 103.0
95 32.8 27.1 40.7



#12
2-Chlorophenol
Concen: 18.140 ng/ul
RT: 7.675 min Scan# 729
Delta R.T. 0.000 min
Lab File: BM037688.D
Acq: 23 Nov 2022 23:30

Tgt Ion:128 Resp: 251838
Ion Ratio Lower Upper
128 100
64 51.5 42.2 63.4
130 33.3 26.1 39.1





#13

2-Methylphenol

Concen: 18.155 ng/ul

RT: 8.557 min Scan# 879

Delta R.T. 0.000 min

Lab File: BM037688.D

Acq: 23 Nov 2022 23:30

Instrument :

BNA_M

ClientSampleId :

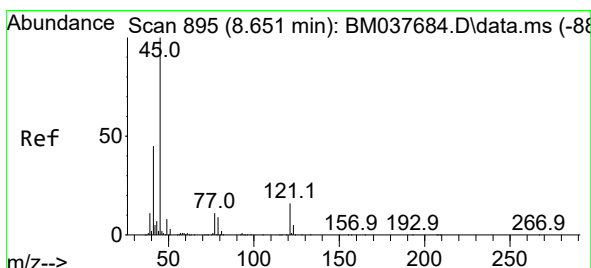
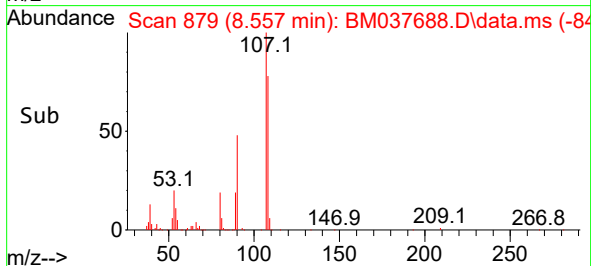
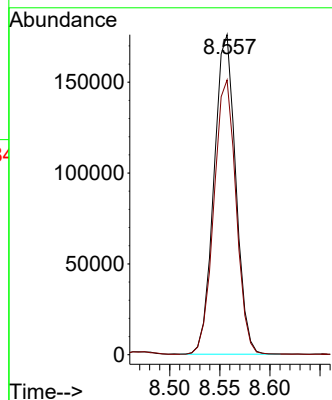
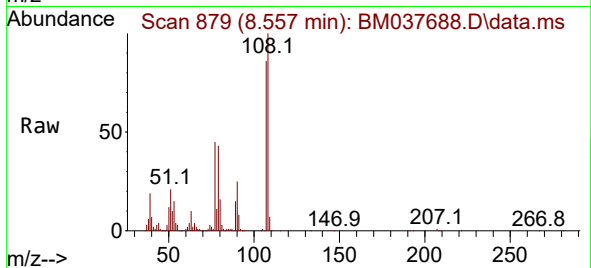
SICV046

Tgt Ion:108 Resp: 265529

Ion Ratio Lower Upper

108 100

107 85.9 70.6 106.0



#14

2,2'-oxybis(1-Chloropropane)

Concen: 16.767 ng/ul

RT: 8.651 min Scan# 895

Delta R.T. 0.000 min

Lab File: BM037688.D

Acq: 23 Nov 2022 23:30

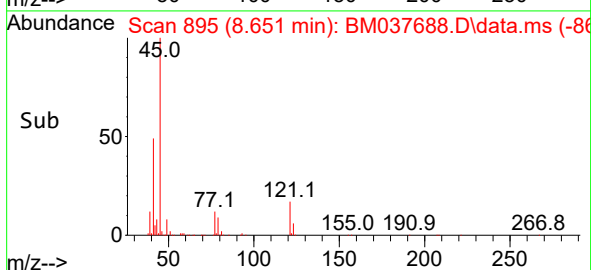
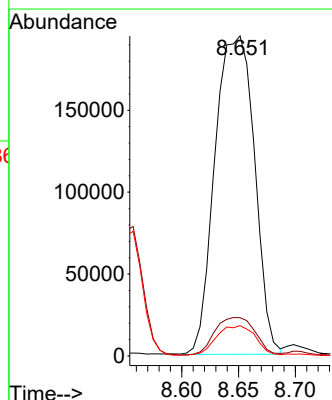
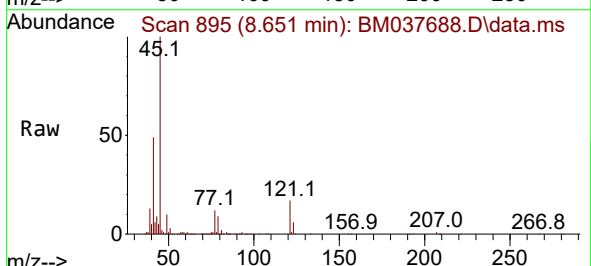
Tgt Ion: 45 Resp: 470703

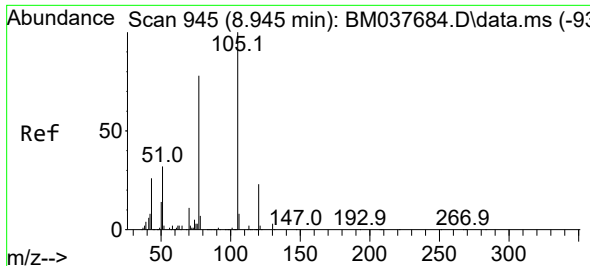
Ion Ratio Lower Upper

45 100

77 12.0 9.4 14.0

79 9.5 7.3 10.9

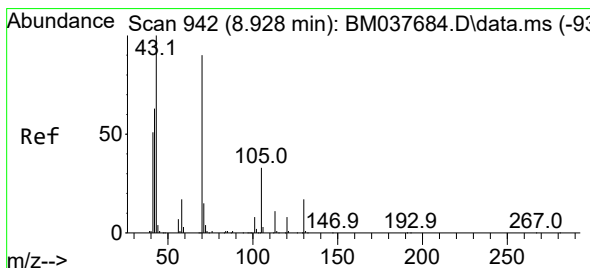
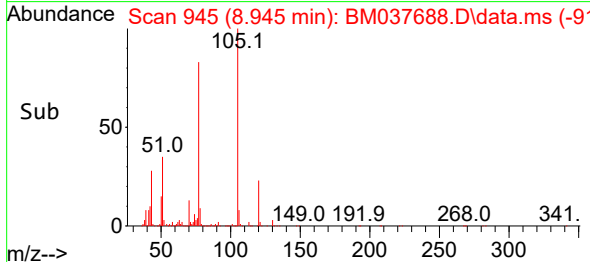
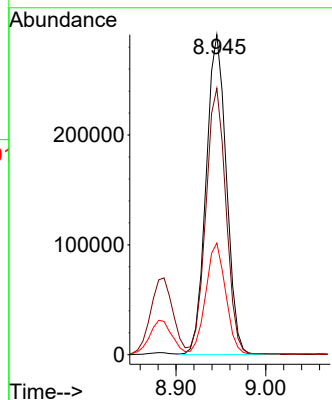
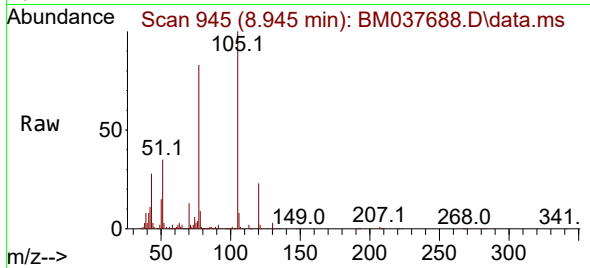




#16
Acetophenone
Concen: 19.031 ng/ul
RT: 8.945 min Scan# 945
Delta R.T. 0.000 min
Lab File: BM037688.D
Acq: 23 Nov 2022 23:30

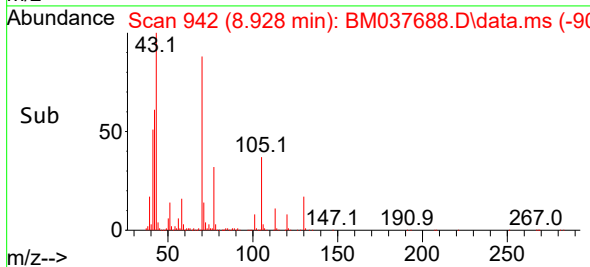
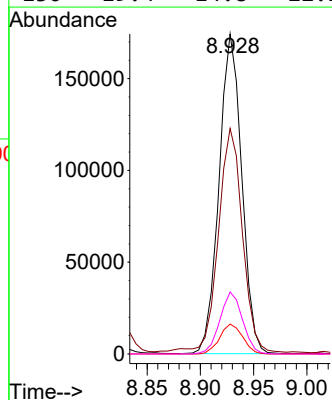
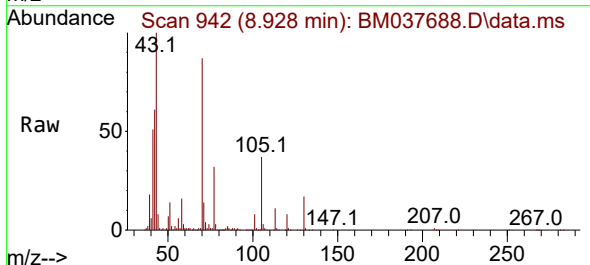
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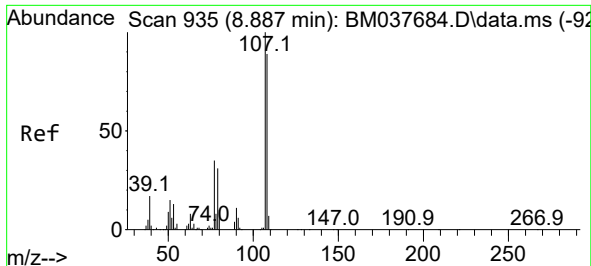
Tgt Ion:105 Resp: 455968
Ion Ratio Lower Upper
105 100
77 83.2 66.6 99.8
51 34.9 27.3 40.9



#17
N-Nitroso-di-n-propylamine
Concen: 18.333 ng/ul
RT: 8.928 min Scan# 942
Delta R.T. 0.000 min
Lab File: BM037688.D
Acq: 23 Nov 2022 23:30

Tgt Ion: 70 Resp: 257439
Ion Ratio Lower Upper
70 100
42 70.4 57.1 85.7
101 9.4 7.0 10.6
130 19.4 14.8 22.2

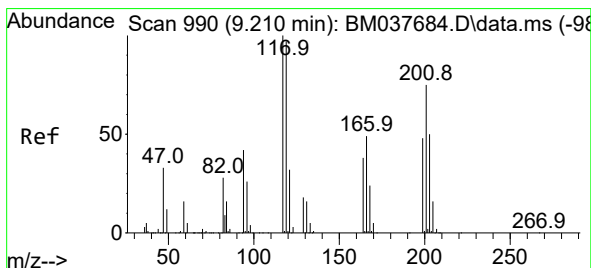
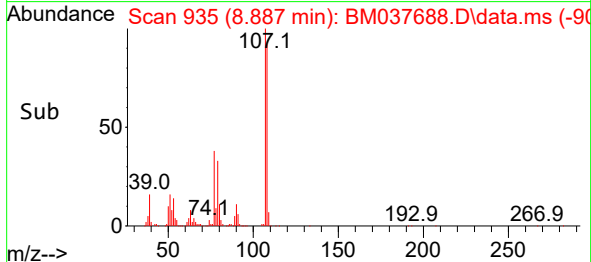
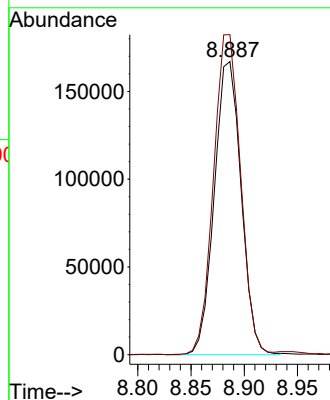
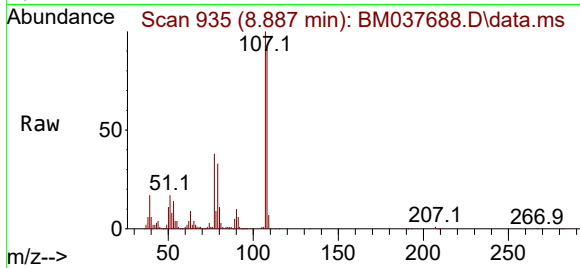




#18
4-Methylphenol
Concen: 18.133 ng/ul
RT: 8.887 min Scan# 91
Delta R.T. 0.000 min
Lab File: BM037688.D
Acq: 23 Nov 2022 23:30

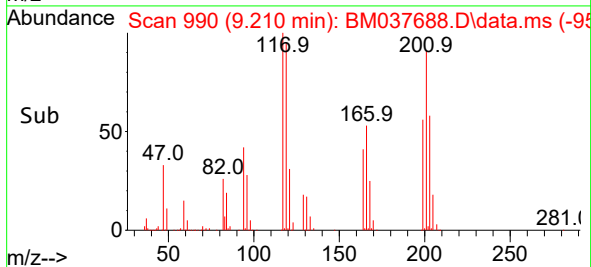
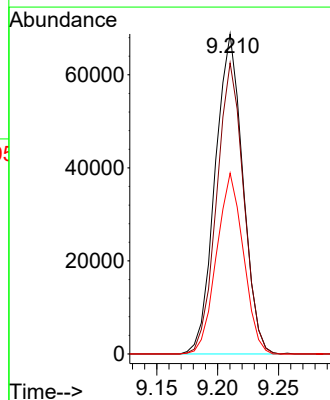
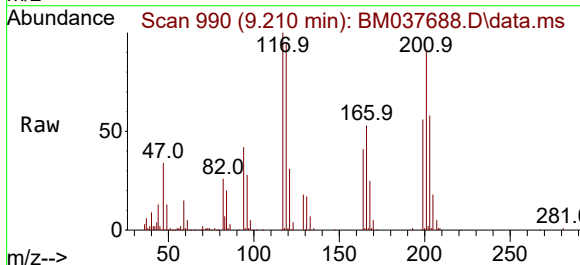
Instrument :
BNA_M
ClientSampleId :
SICV046

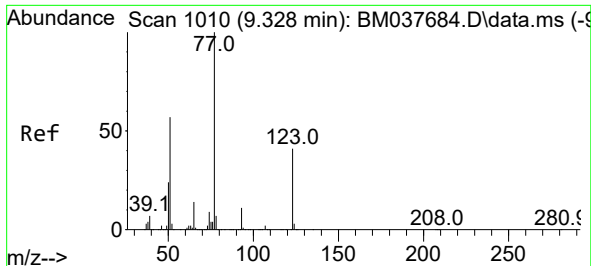
Tgt Ion:108 Resp: 293000
Ion Ratio Lower Upper
108 100
107 109.2 90.4 135.6



#19
Hexachloroethane
Concen: 18.118 ng/ul
RT: 9.210 min Scan# 990
Delta R.T. 0.000 min
Lab File: BM037688.D
Acq: 23 Nov 2022 23:30

Tgt Ion:117 Resp: 108792
Ion Ratio Lower Upper
117 100
201 91.0 60.4 90.6#
199 56.5 38.1 57.1

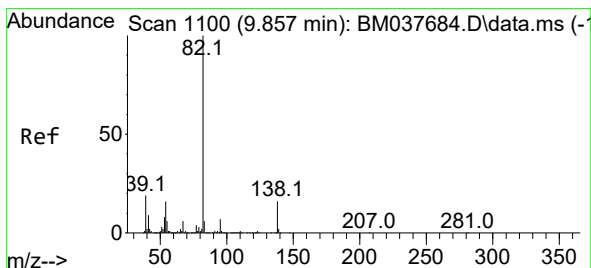
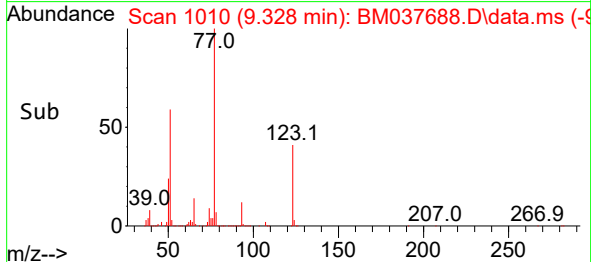
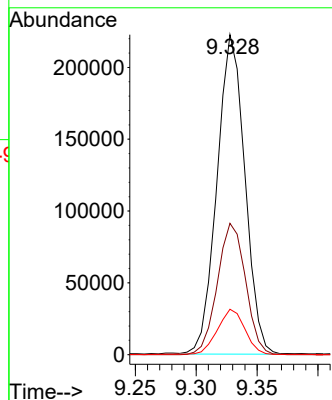
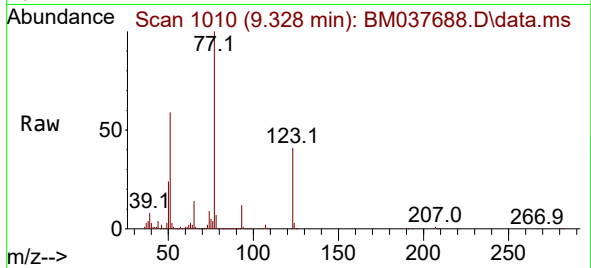




#22
Nitrobenzene
Concen: 17.968 ng/ul
RT: 9.328 min Scan# 1010
Delta R.T. 0.000 min
Lab File: BM037688.D
Acq: 23 Nov 2022 23:30

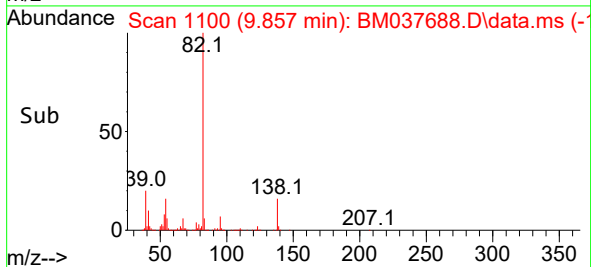
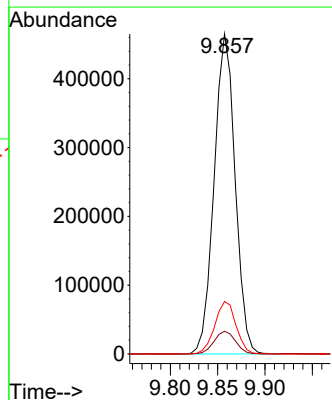
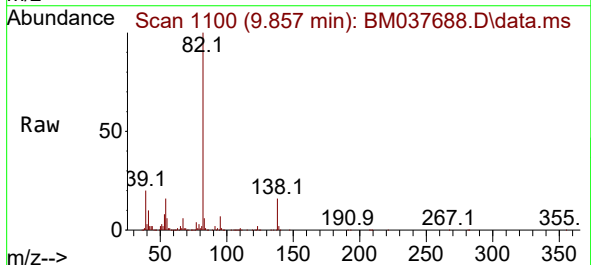
Instrument :
BNA_M
ClientSampleId :
SICV046

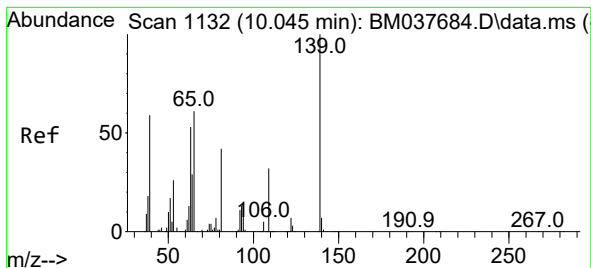
Tgt Ion: 77 Resp: 354431
Ion Ratio Lower Upper
77 100
123 41.1 32.4 48.6
65 14.2 11.4 17.0



#23
Isophorone
Concen: 18.036 ng/ul
RT: 9.857 min Scan# 1100
Delta R.T. 0.000 min
Lab File: BM037688.D
Acq: 23 Nov 2022 23:30

Tgt Ion: 82 Resp: 717042
Ion Ratio Lower Upper
82 100
95 7.1 5.3 7.9
138 16.4 12.5 18.7

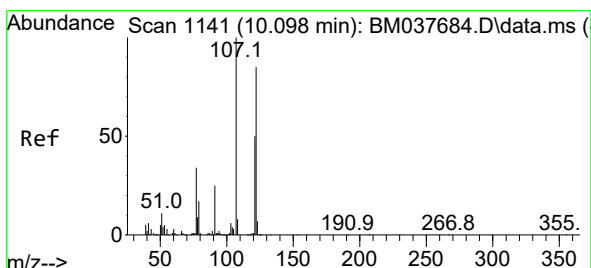
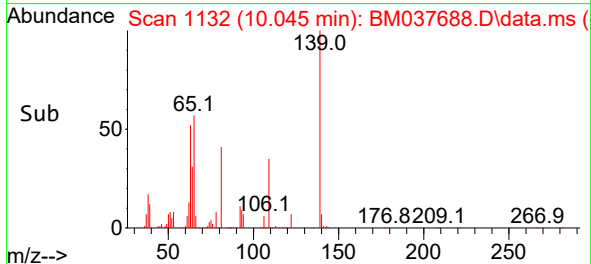
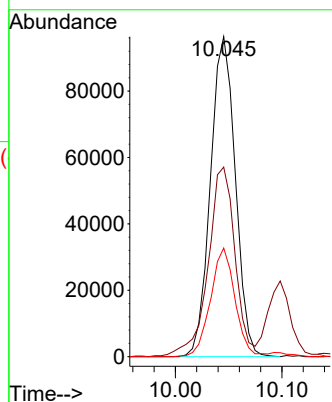
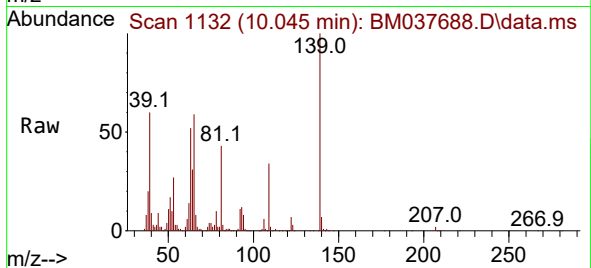




#25
2-Nitrophenol
Concen: 19.389 ng/ul
RT: 10.045 min Scan# 1132
Delta R.T. 0.000 min
Lab File: BM037688.D
Acq: 23 Nov 2022 23:30

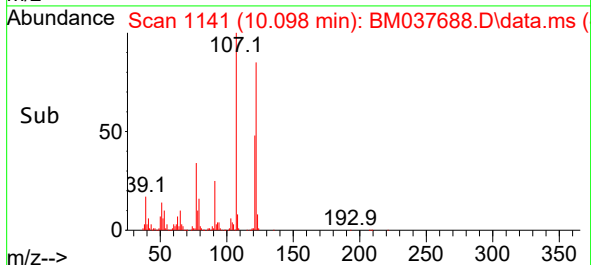
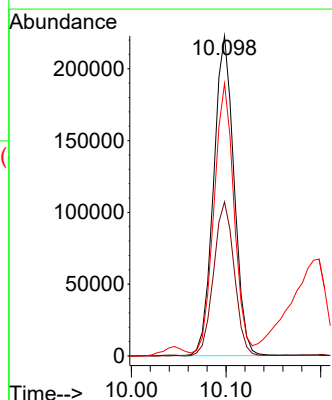
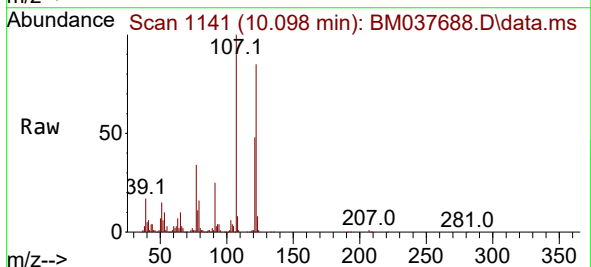
Instrument :
BNA_M
ClientSampleId :
SICV046

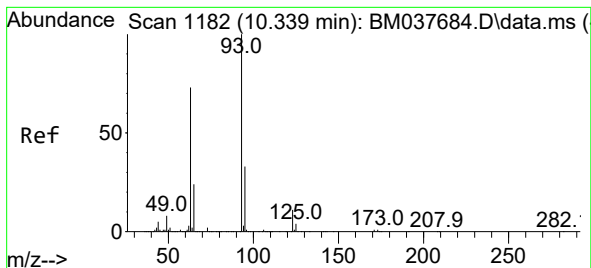
Tgt Ion:139 Resp: 156324
Ion Ratio Lower Upper
139 100
65 59.3 49.6 74.4
109 33.9 25.8 38.6



#26
2,4-Dimethylphenol
Concen: 18.917 ng/ul
RT: 10.098 min Scan# 1141
Delta R.T. 0.000 min
Lab File: BM037688.D
Acq: 23 Nov 2022 23:30

Tgt Ion:107 Resp: 334959
Ion Ratio Lower Upper
107 100
121 48.2 39.6 59.4
122 85.2 69.0 103.6

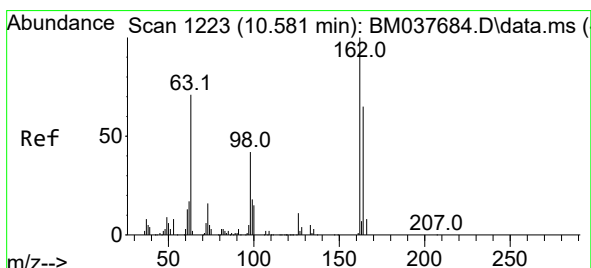
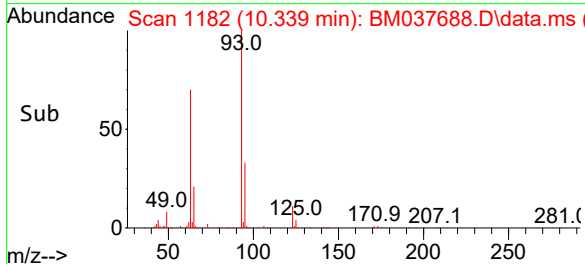
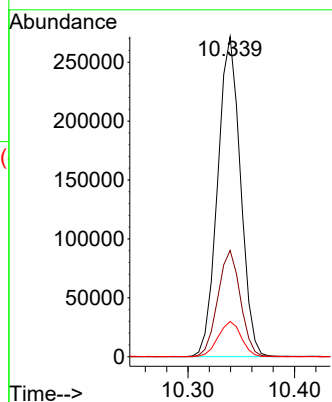
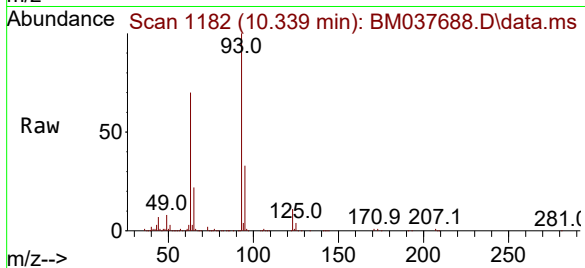




#27
 Bis(2-Chloroethoxy)methane
 Concen: 17.707 ng/ul
 RT: 10.339 min Scan# 1182
 Delta R.T. 0.000 min
 Lab File: BM037688.D
 Acq: 23 Nov 2022 23:30

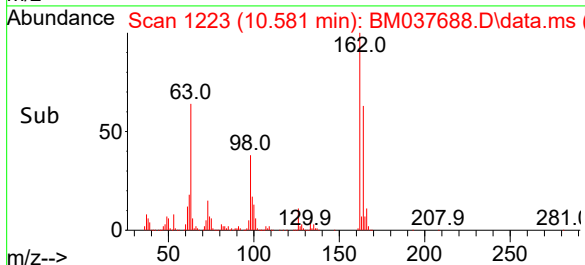
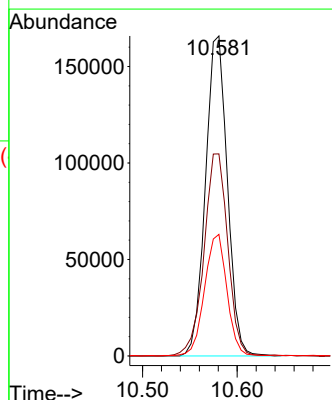
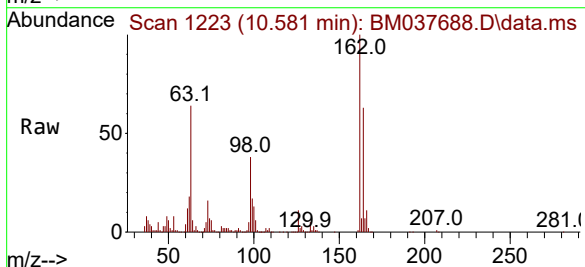
Instrument :
 BNA_M
 ClientSampleId :
 SICV046

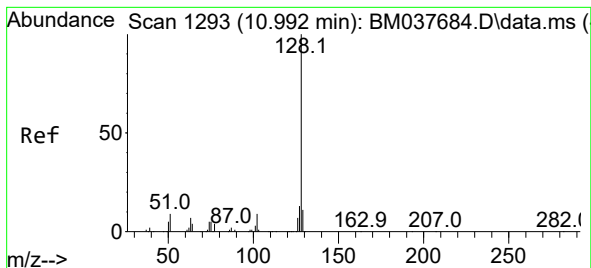
Tgt Ion: 93 Resp: 403841
 Ion Ratio Lower Upper
 93 100
 95 33.2 26.4 39.6
 123 11.0 8.6 13.0



#29
 2,4-Dichlorophenol
 Concen: 19.978 ng/ul
 RT: 10.581 min Scan# 1223
 Delta R.T. 0.000 min
 Lab File: BM037688.D
 Acq: 23 Nov 2022 23:30

Tgt Ion:162 Resp: 266624
 Ion Ratio Lower Upper
 162 100
 164 63.1 52.6 79.0
 98 38.0 33.6 50.4

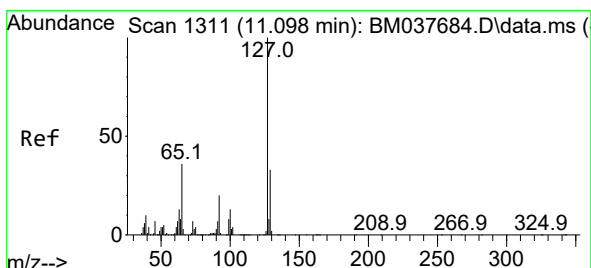
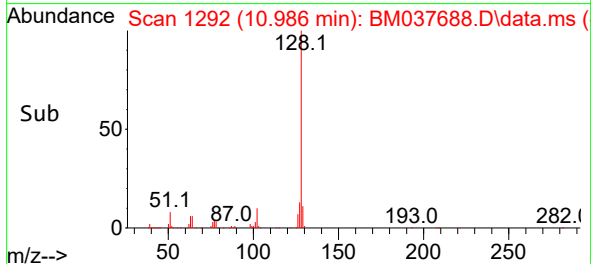
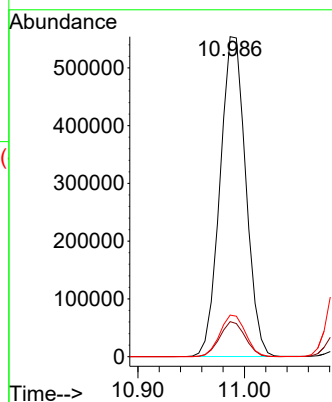
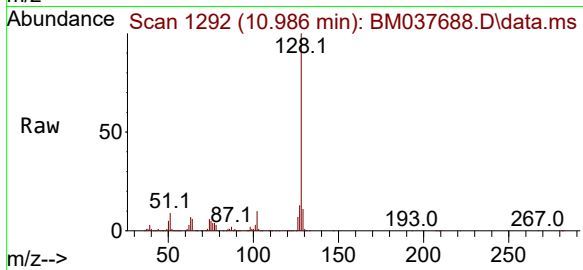




#30
Naphthalene
Concen: 18.405 ng/ul
RT: 10.986 min Scan# 1292
Delta R.T. -0.006 min
Lab File: BM037688.D
Acq: 23 Nov 2022 23:30

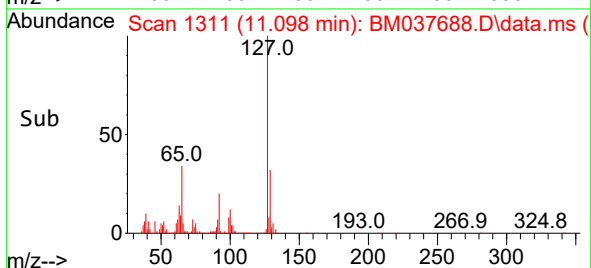
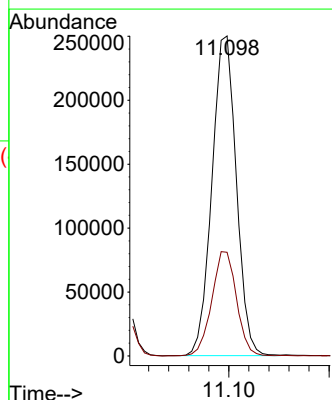
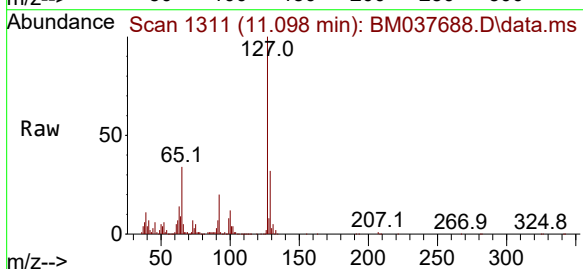
Instrument :
BNA_M
ClientSampleId :
SICV046

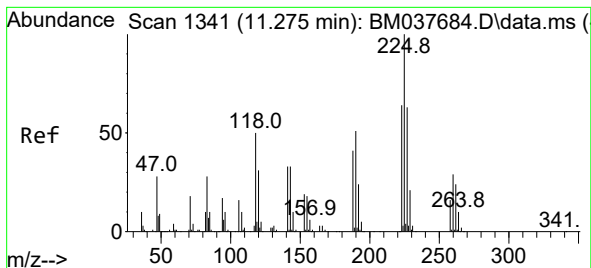
Tgt Ion:128 Resp: 928708
Ion Ratio Lower Upper
128 100
129 10.9 8.6 12.8
127 13.0 10.4 15.6



#32
4-Chloroaniline
Concen: 18.725 ng/ul
RT: 11.098 min Scan# 1311
Delta R.T. 0.000 min
Lab File: BM037688.D
Acq: 23 Nov 2022 23:30

Tgt Ion:127 Resp: 422426
Ion Ratio Lower Upper
127 100
129 32.4 26.1 39.1





#33

Hexachlorobutadiene

Concen: 21.727 ng/ul

RT: 11.275 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM037688.D

Acq: 23 Nov 2022 23:30

Instrument :

BNA_M

ClientSampleId :

SICV046

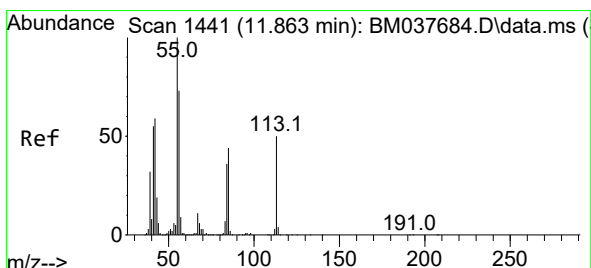
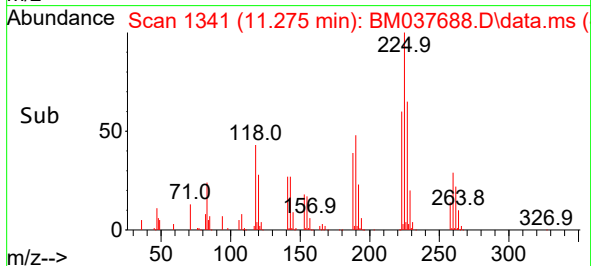
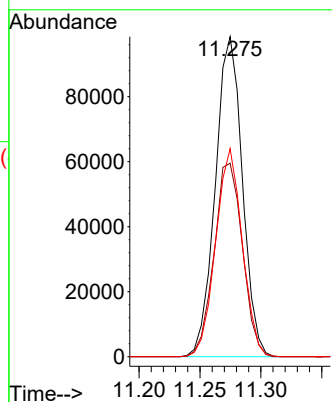
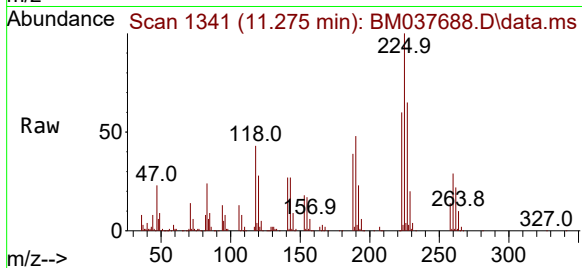
Tgt Ion:225 Resp: 152220

Ion Ratio Lower Upper

225 100

223 60.5 51.1 76.7

227 65.0 50.7 76.1



#34

Caprolactam

Concen: 18.930 ng/ul

RT: 11.869 min Scan# 1442

Delta R.T. 0.006 min

Lab File: BM037688.D

Acq: 23 Nov 2022 23:30

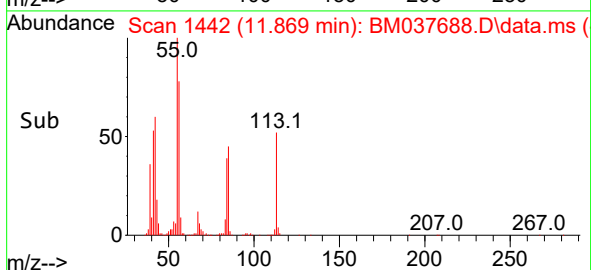
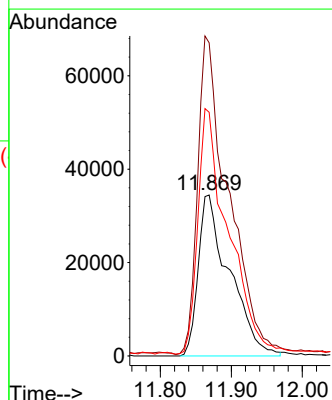
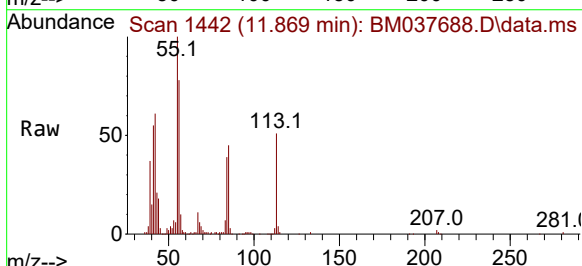
Tgt Ion:113 Resp: 105218

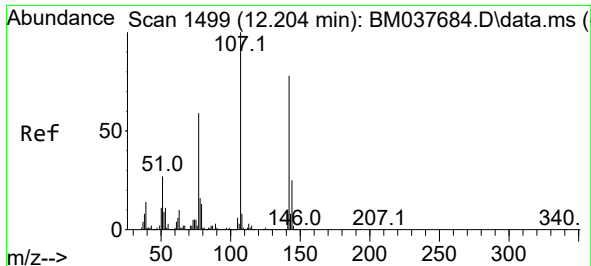
Ion Ratio Lower Upper

113 100

55 194.4 163.3 244.9

56 151.3 120.3 180.5

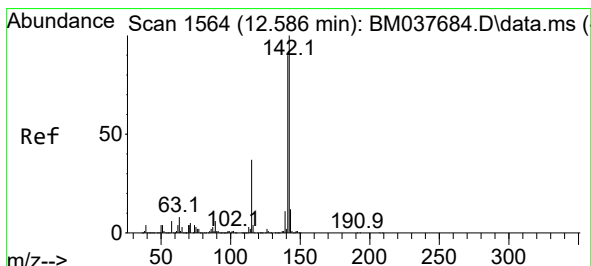
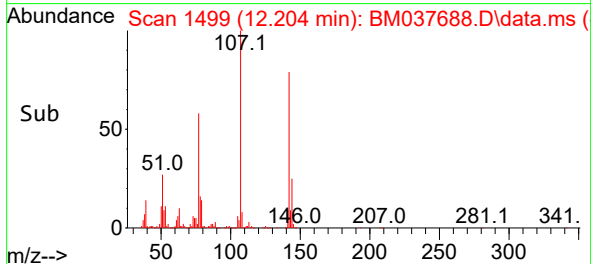
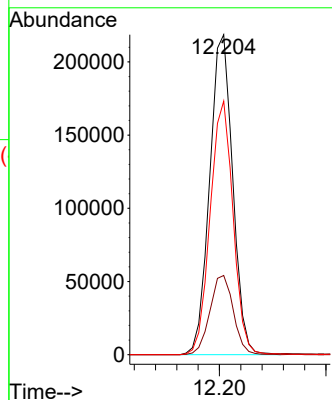
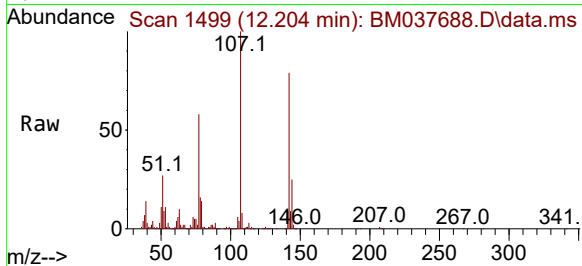




#35
4-Chloro-3-methylphenol
Concen: 19.253 ng/ul
RT: 12.204 min Scan# 1499
Delta R.T. 0.000 min
Lab File: BM037688.D
Acq: 23 Nov 2022 23:30

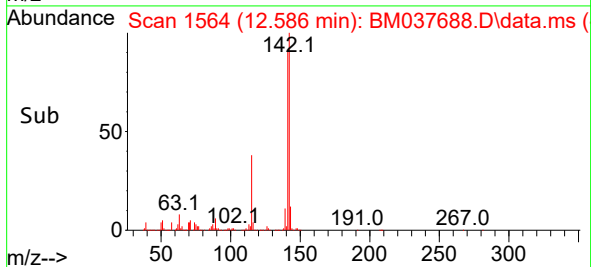
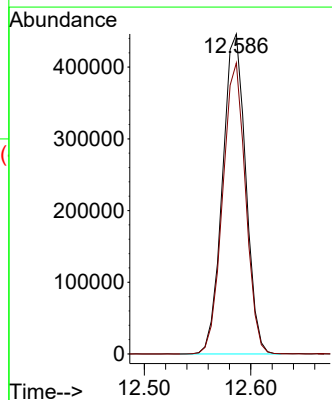
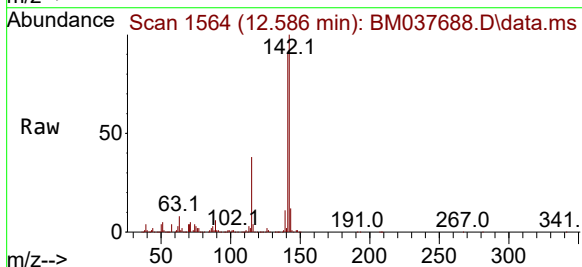
Instrument :
BNA_M
ClientSampleId :
SICV046

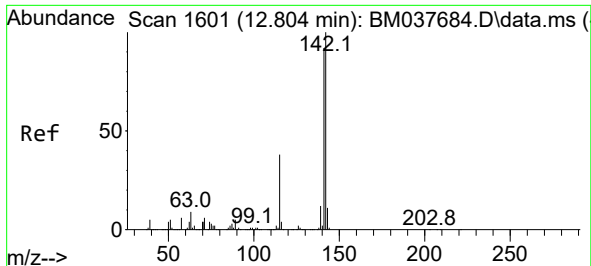
Tgt Ion:107 Resp: 328449
Ion Ratio Lower Upper
107 100
144 24.7 20.2 30.4
142 79.2 62.6 93.8



#36
2-Methylnaphthalene
Concen: 19.289 ng/ul
RT: 12.586 min Scan# 1564
Delta R.T. 0.000 min
Lab File: BM037688.D
Acq: 23 Nov 2022 23:30

Tgt Ion:142 Resp: 676111
Ion Ratio Lower Upper
142 100
141 91.0 72.2 108.4





#37

1-Methylnaphthalene

Concen: 18.633 ng/ul

RT: 12.804 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM037688.D

Acq: 23 Nov 2022 23:30

Instrument :

BNA_M

ClientSampleId :

SICV046

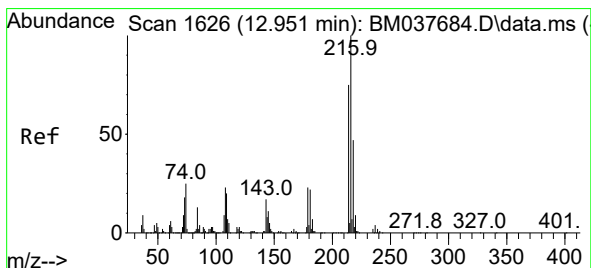
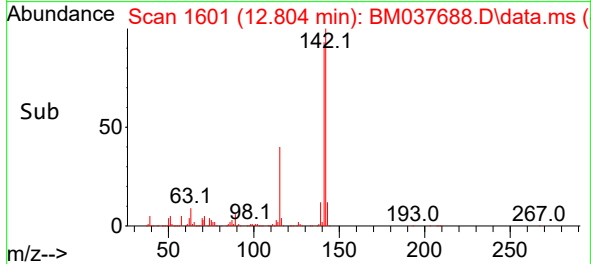
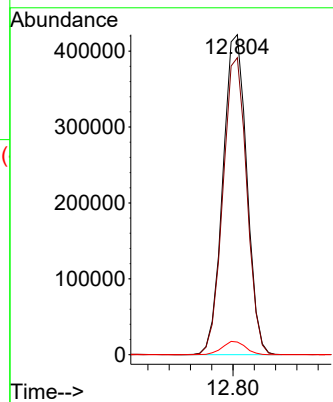
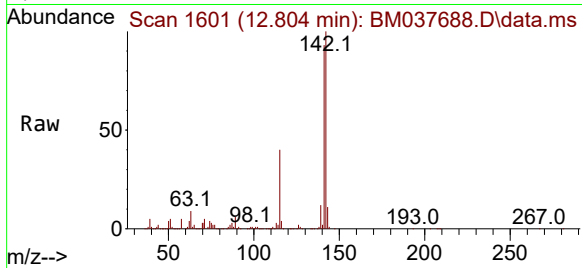
Tgt Ion:142 Resp: 657065

Ion Ratio Lower Upper

142 100

141 92.8 73.3 109.9

116 3.9 3.2 4.8



#39

1,2,4,5-Tetrachlorobenzene

Concen: 19.500 ng/ul

RT: 12.945 min Scan# 1625

Delta R.T. -0.006 min

Lab File: BM037688.D

Acq: 23 Nov 2022 23:30

Tgt Ion:216 Resp: 311642

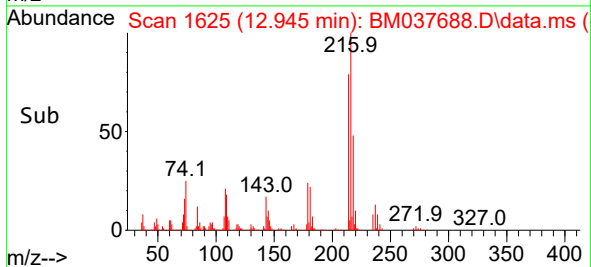
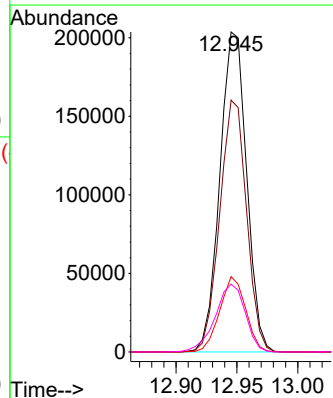
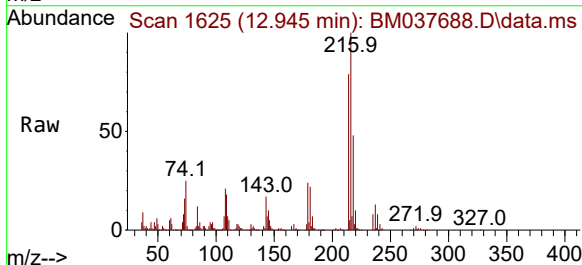
Ion Ratio Lower Upper

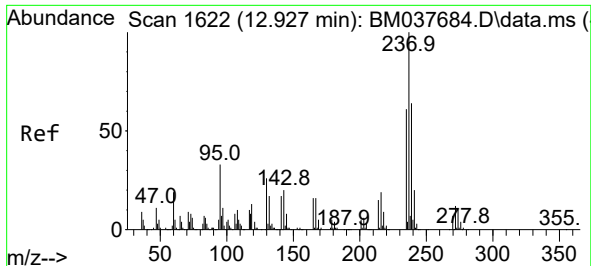
216 100

214 78.7 60.2 90.4

179 23.6 18.6 27.8

108 21.2 18.3 27.5

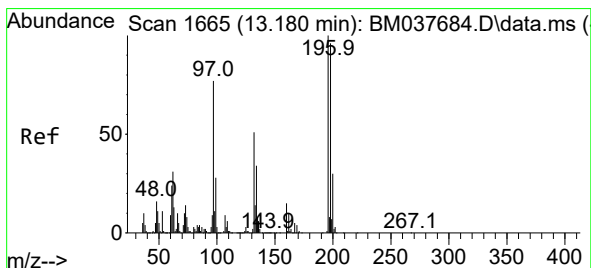
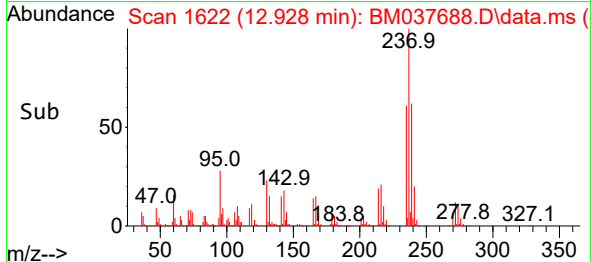
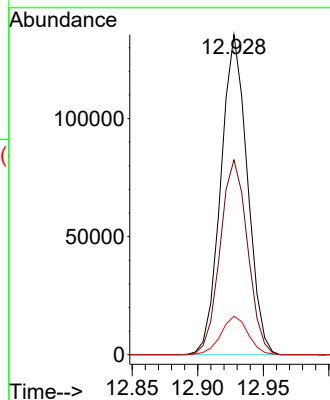
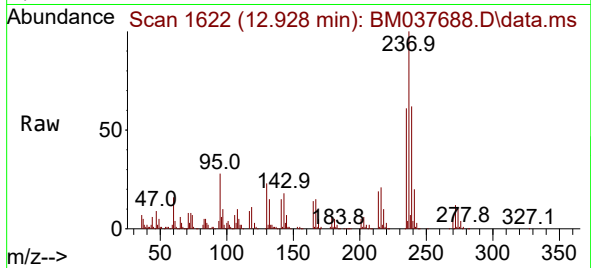




#40
Hexachlorocyclopentadiene
Concen: 19.156 ng/ul
RT: 12.928 min Scan# 1622
Delta R.T. 0.000 min
Lab File: BM037688.D
Acq: 23 Nov 2022 23:30

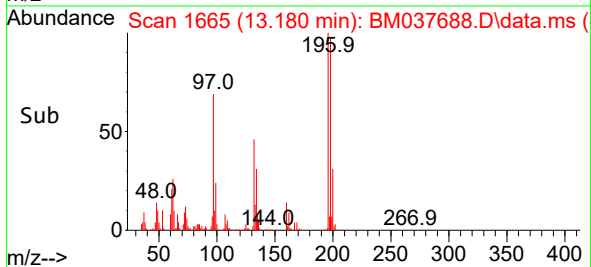
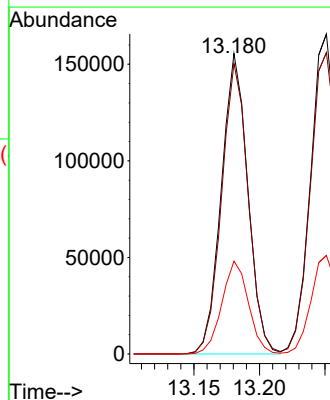
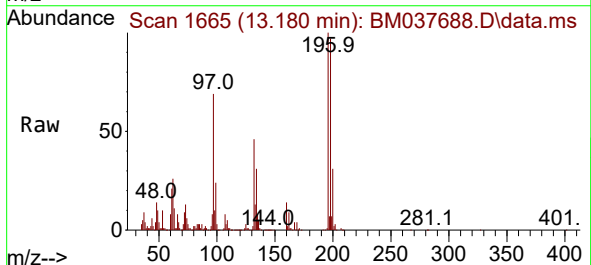
Instrument :
BNA_M
ClientSampleId :
SICV046

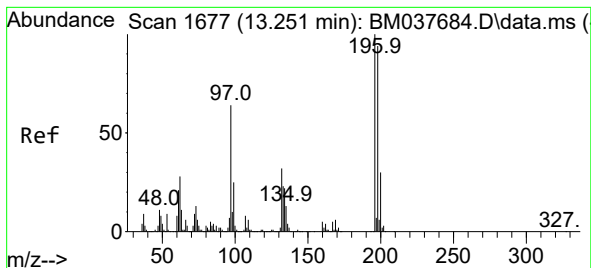
Tgt Ion:237 Resp: 190644
Ion Ratio Lower Upper
237 100
235 60.8 49.1 73.7
272 12.0 9.5 14.3



#41
2,4,6-Trichlorophenol
Concen: 19.003 ng/ul
RT: 13.180 min Scan# 1665
Delta R.T. 0.000 min
Lab File: BM037688.D
Acq: 23 Nov 2022 23:30

Tgt Ion:196 Resp: 218691
Ion Ratio Lower Upper
196 100
198 96.7 76.9 115.3
200 30.9 24.1 36.1





#42

2,4,5-Trichlorophenol

Concen: 19.591 ng/ul

RT: 13.251 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM037688.D

Acq: 23 Nov 2022 23:30

Instrument :

BNA_M

ClientSampleId :

SICV046

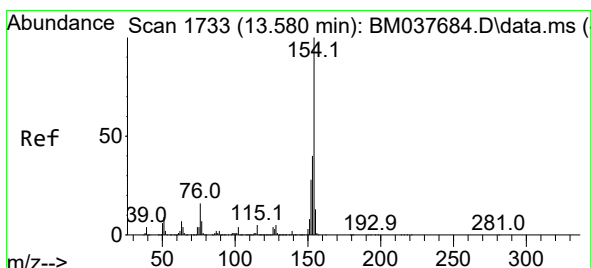
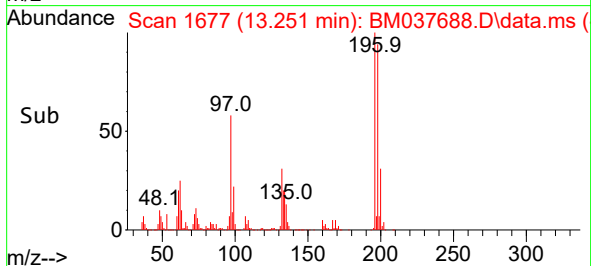
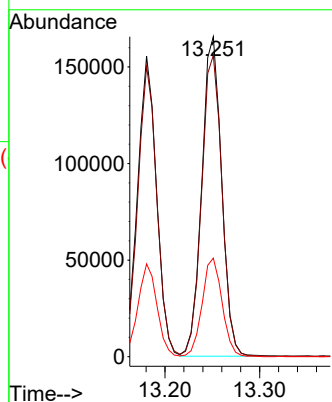
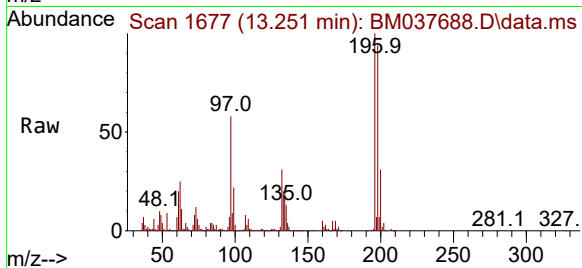
Tgt Ion:196 Resp: 241232

Ion Ratio Lower Upper

196 100

198 94.2 75.4 113.2

200 30.8 23.7 35.5



#43

1,1'-Biphenyl

Concen: 18.439 ng/ul

RT: 13.580 min Scan# 1733

Delta R.T. 0.000 min

Lab File: BM037688.D

Acq: 23 Nov 2022 23:30

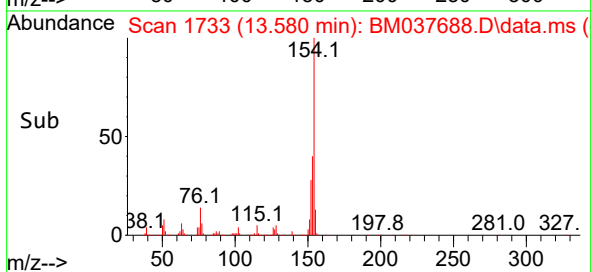
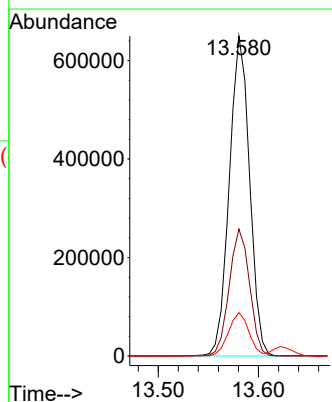
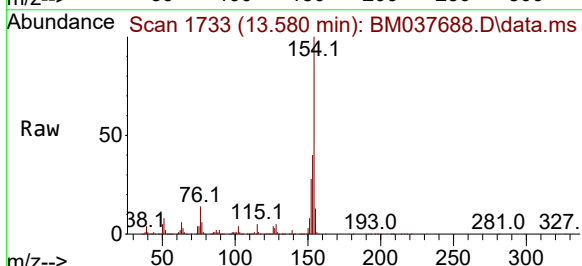
Tgt Ion:154 Resp: 911361

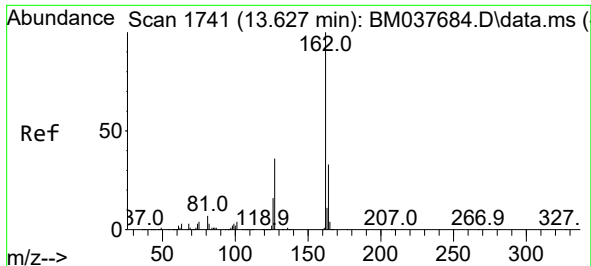
Ion Ratio Lower Upper

154 100

153 39.6 32.1 48.1

76 13.5 12.4 18.6

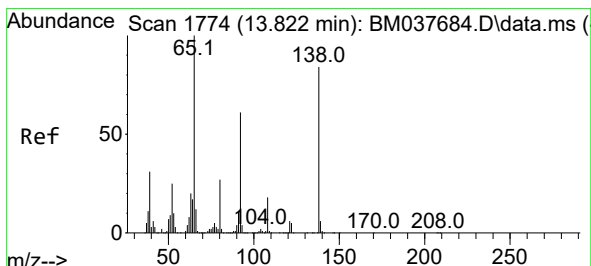
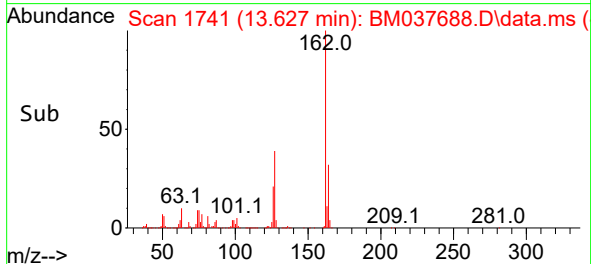
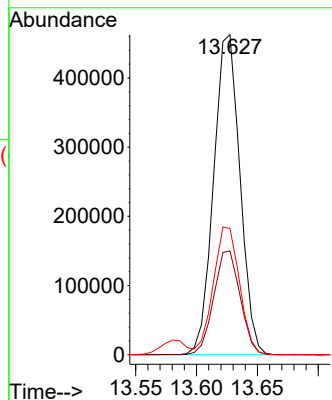
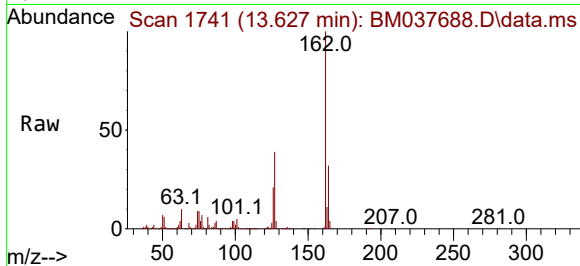




#44
2-Chloronaphthalene
Concen: 18.141 ng/ul
RT: 13.627 min Scan# 1741
Delta R.T. 0.000 min
Lab File: BM037688.D
Acq: 23 Nov 2022 23:30

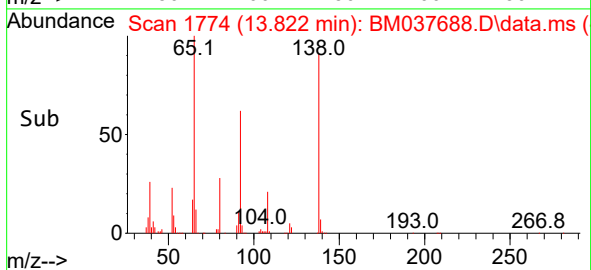
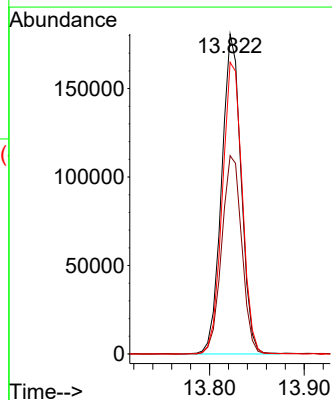
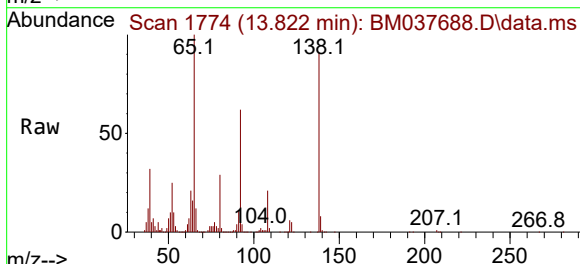
Instrument :
BNA_M
ClientSampleId :
SICV046

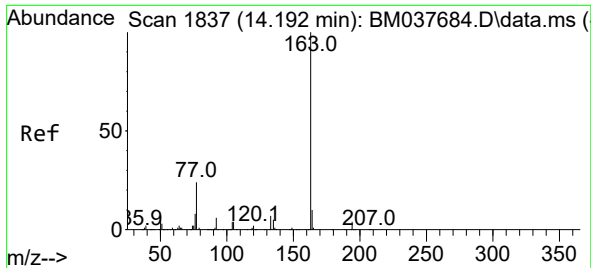
Tgt Ion:162 Resp: 696922
Ion Ratio Lower Upper
162 100
164 32.4 26.5 39.7
127 39.4 32.4 48.6



#45
2-Nitroaniline
Concen: 17.777 ng/ul
RT: 13.822 min Scan# 1774
Delta R.T. 0.000 min
Lab File: BM037688.D
Acq: 23 Nov 2022 23:30

Tgt Ion: 65 Resp: 258908
Ion Ratio Lower Upper
65 100
92 62.0 48.6 73.0
138 91.2 67.0 100.4

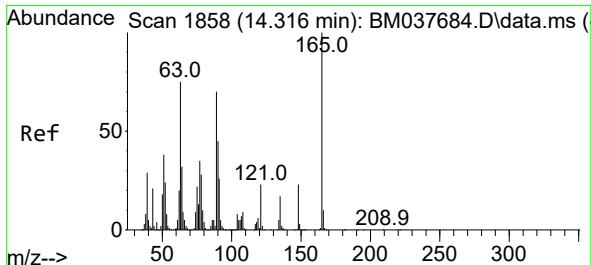
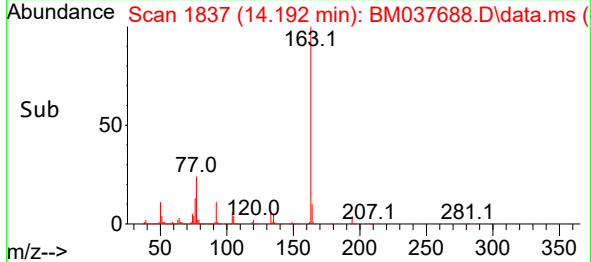
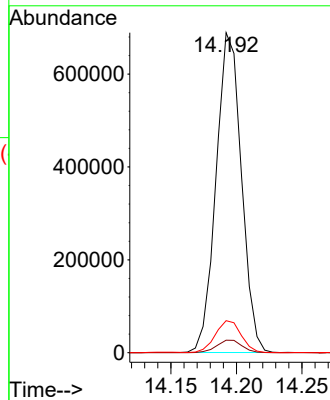
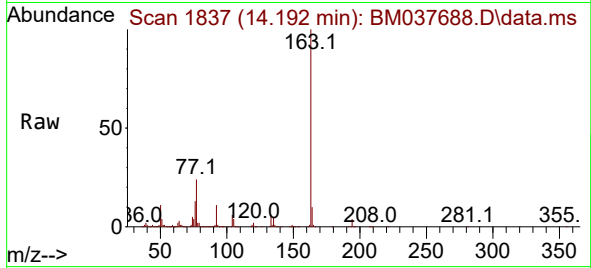




#47
Dimethylphthalate
Concen: 18.882 ng/ul
RT: 14.192 min Scan# 1837
Delta R.T. 0.000 min
Lab File: BM037688.D
Acq: 23 Nov 2022 23:30

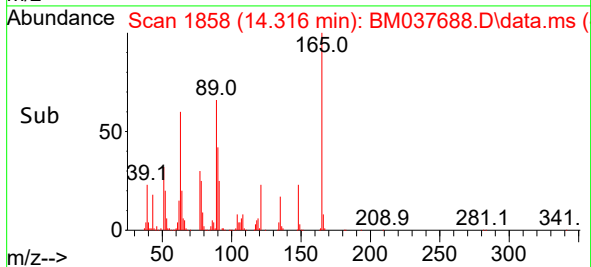
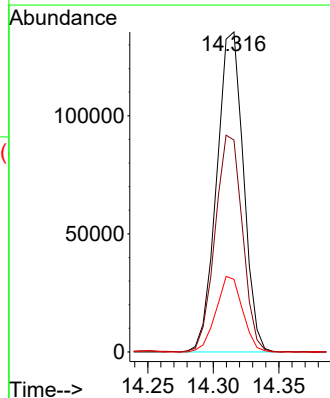
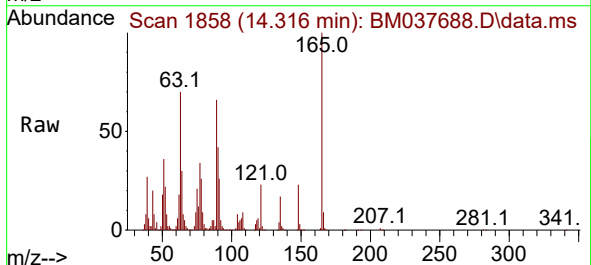
Instrument :
BNA_M
ClientSampleId :
SICV046

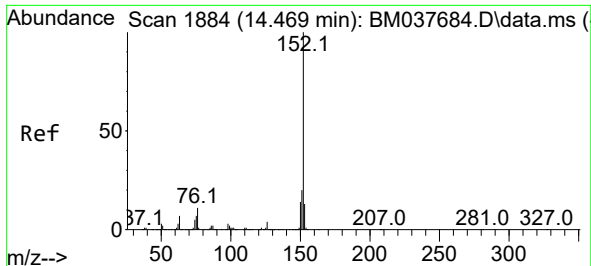
Tgt Ion:163 Resp: 925309
Ion Ratio Lower Upper
163 100
194 3.9 2.9 4.3
164 10.0 8.2 12.2



#48
2,6-Dinitrotoluene
Concen: 20.296 ng/ul
RT: 14.316 min Scan# 1858
Delta R.T. 0.000 min
Lab File: BM037688.D
Acq: 23 Nov 2022 23:30

Tgt Ion:165 Resp: 192055
Ion Ratio Lower Upper
165 100
89 66.2 56.4 84.6
121 22.7 18.9 28.3

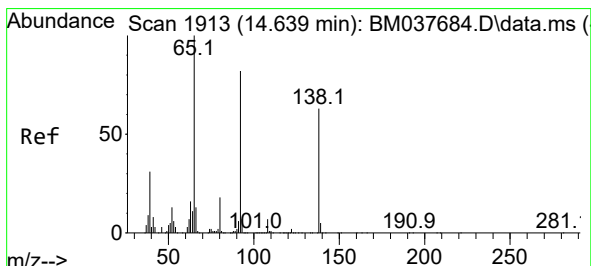
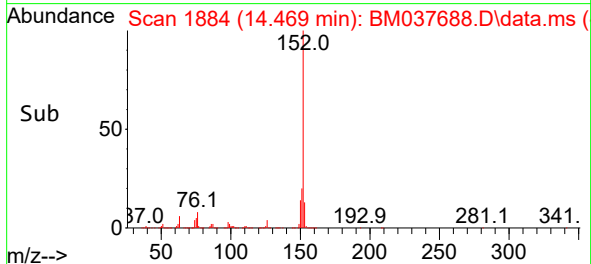
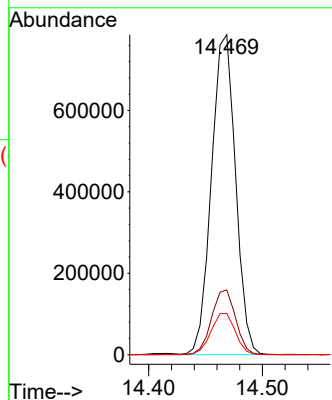
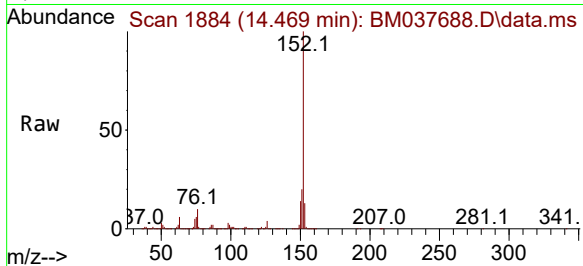




#50
Acenaphthylene
Concen: 18.866 ng/ul
RT: 14.469 min Scan# 1884
Delta R.T. 0.000 min
Lab File: BM037688.D
Acq: 23 Nov 2022 23:30

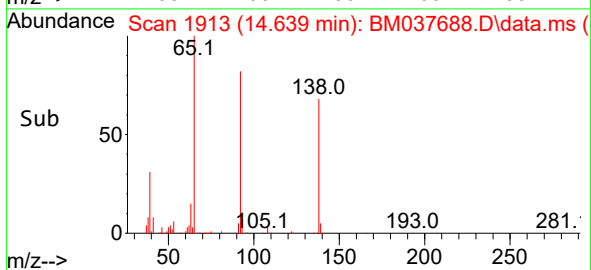
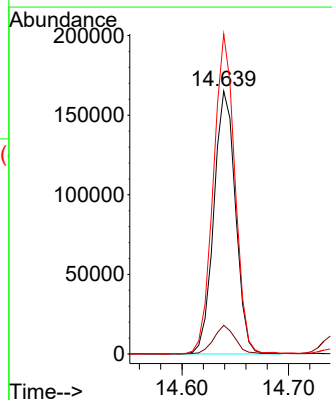
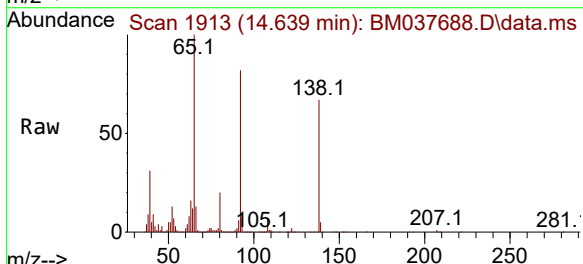
Instrument :
BNA_M
ClientSampleId :
SICV046

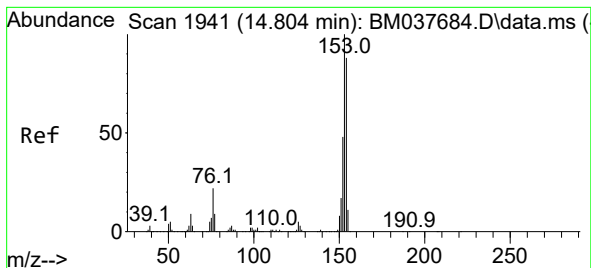
Tgt Ion:152 Resp: 1160476
Ion Ratio Lower Upper
152 100
151 20.2 16.3 24.5
153 12.9 10.3 15.5



#51
3-Nitroaniline
Concen: 20.339 ng/ul
RT: 14.639 min Scan# 1913
Delta R.T. 0.000 min
Lab File: BM037688.D
Acq: 23 Nov 2022 23:30

Tgt Ion:138 Resp: 233546
Ion Ratio Lower Upper
138 100
108 10.9 8.4 12.6
92 121.7 104.0 156.0





#52

Acenaphthene

Concen: 18.130 ng/ul

RT: 14.804 min Scan# 1941

Delta R.T. 0.000 min

Lab File: BM037688.D

Acq: 23 Nov 2022 23:30

Instrument :

BNA_M

ClientSampleId :

SICV046

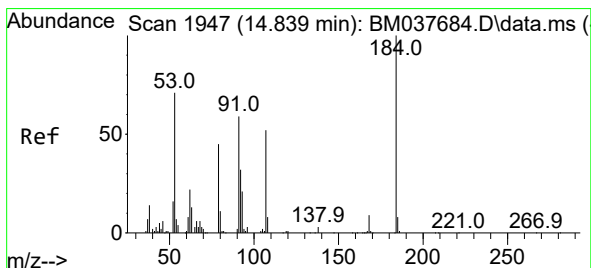
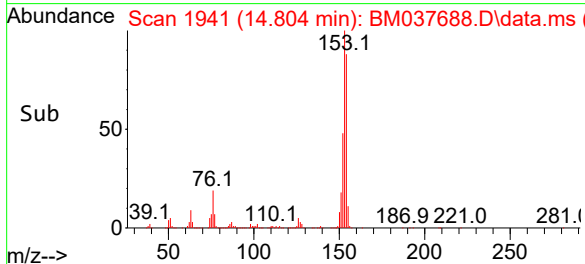
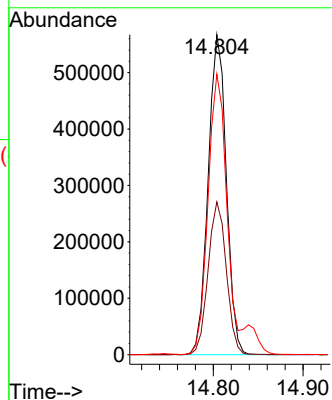
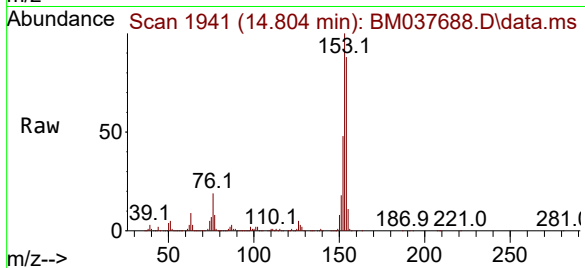
Tgt Ion:153 Resp: 797532

Ion Ratio Lower Upper

153 100

152 47.7 38.4 57.6

154 87.6 70.7 106.1



#53

2,4-Dinitrophenol

Concen: 19.017 ng/ul

RT: 14.839 min Scan# 1947

Delta R.T. 0.000 min

Lab File: BM037688.D

Acq: 23 Nov 2022 23:30

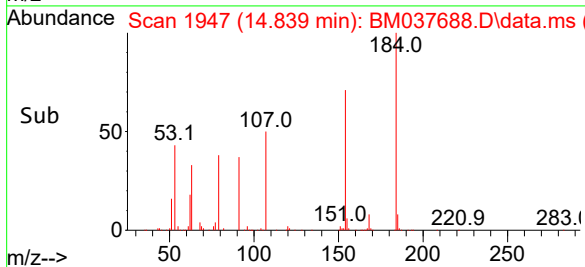
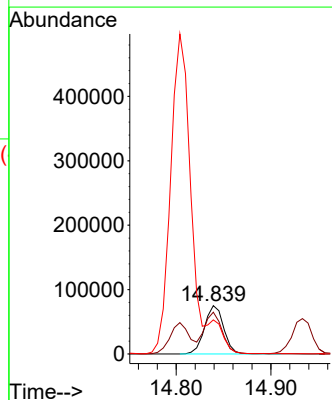
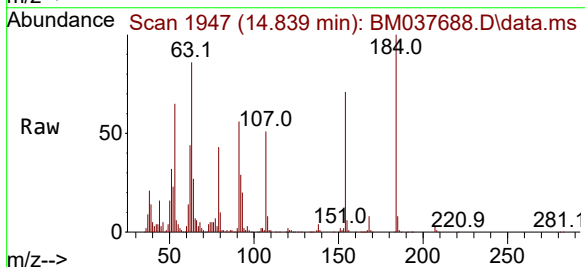
Tgt Ion:184 Resp: 105583

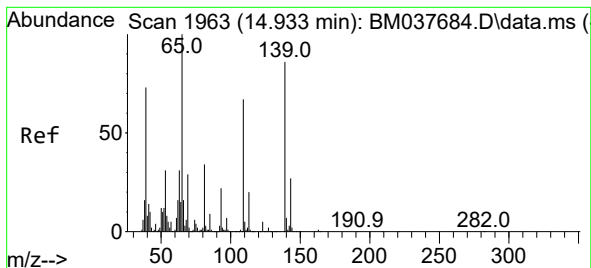
Ion Ratio Lower Upper

184 100

63 86.5 74.9 112.3

154 70.5 57.8 86.6

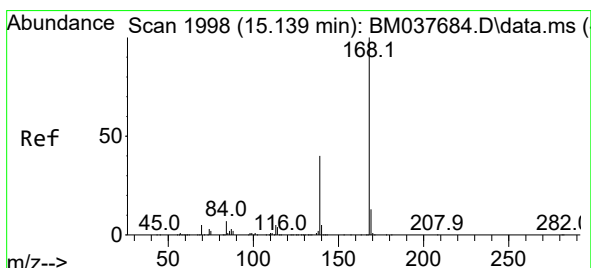
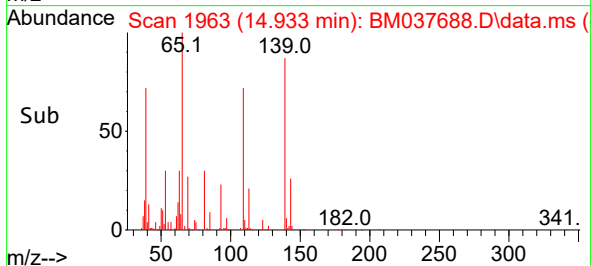
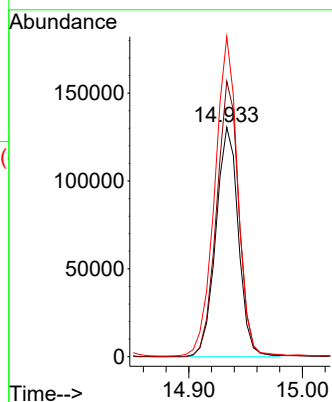
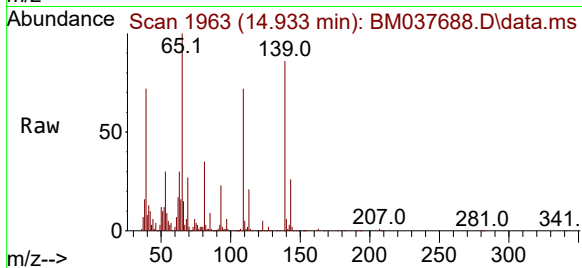




#55
4-Nitrophenol
Concen: 19.806 ng/ul
RT: 14.933 min Scan# 1963
Delta R.T. 0.000 min
Lab File: BM037688.D
Acq: 23 Nov 2022 23:30

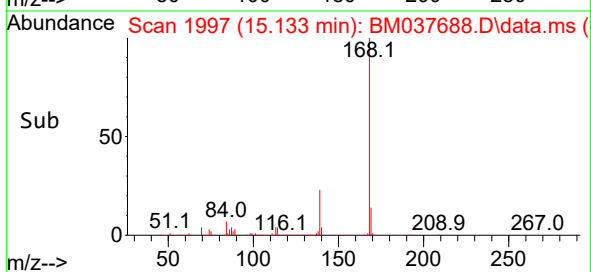
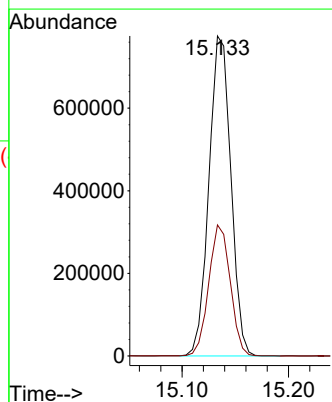
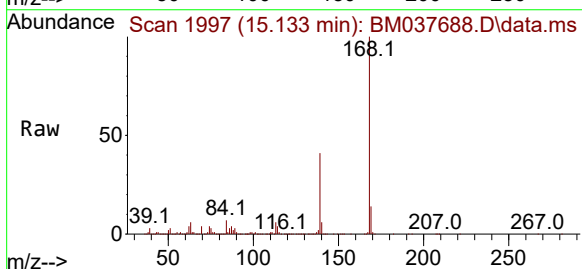
Instrument :
BNA_M
ClientSampleId :
SICV046

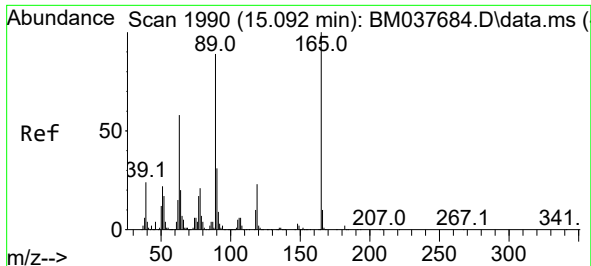
Tgt Ion:109 Resp: 180238
Ion Ratio Lower Upper
109 100
139 120.1 102.4 153.6
65 139.5 119.6 179.4



#56
Dibenzofuran
Concen: 19.305 ng/ul
RT: 15.133 min Scan# 1997
Delta R.T. -0.006 min
Lab File: BM037688.D
Acq: 23 Nov 2022 23:30

Tgt Ion:168 Resp: 1108433
Ion Ratio Lower Upper
168 100
139 41.0 32.2 48.2





#57

2,4-Dinitrotoluene

Concen: 20.149 ng/ul

RT: 15.092 min Scan# 1990

Delta R.T. 0.000 min

Lab File: BM037688.D

Acq: 23 Nov 2022 23:30

Instrument :

BNA_M

ClientSampleId :

SICV046

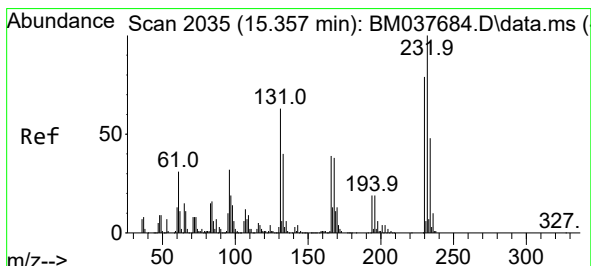
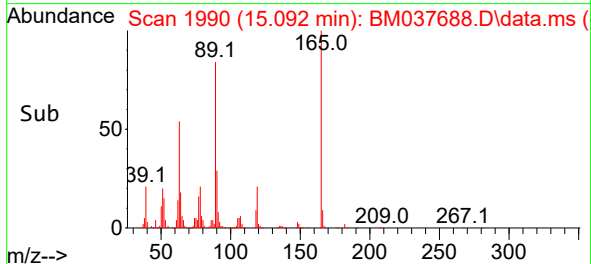
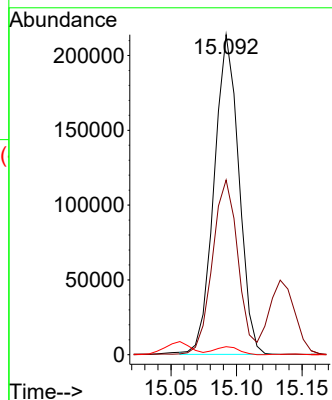
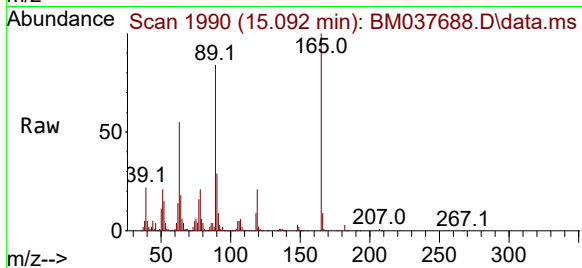
Tgt Ion:165 Resp: 279779

Ion Ratio Lower Upper

165 100

63 54.6 46.6 70.0

182 2.5 1.9 2.9



#58

2,3,4,6-Tetrachlorophenol

Concen: 21.205 ng/ul

RT: 15.357 min Scan# 2035

Delta R.T. 0.000 min

Lab File: BM037688.D

Acq: 23 Nov 2022 23:30

Tgt Ion:232 Resp: 214232

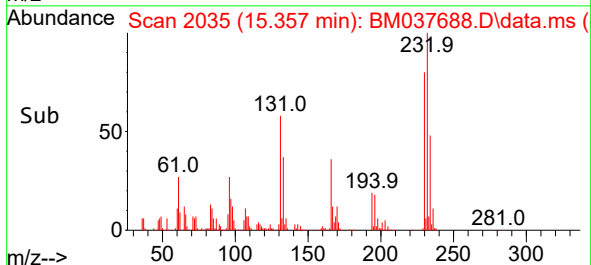
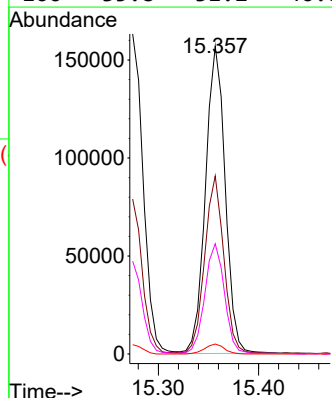
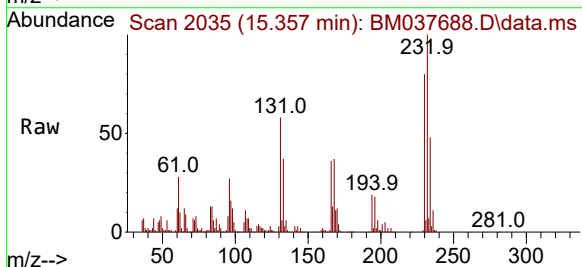
Ion Ratio Lower Upper

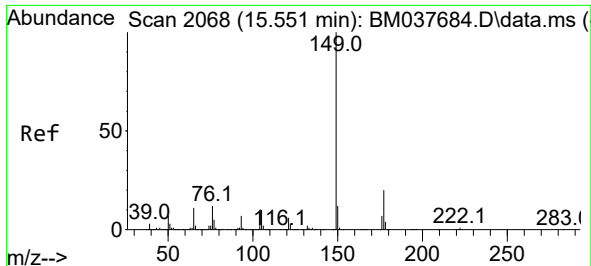
232 100

131 57.9 50.2 75.4

130 3.2 2.8 4.2

166 35.8 31.2 46.8





#59

Diethylphthalate

Concen: 18.800 ng/ul

RT: 15.545 min Scan# 2067

Delta R.T. -0.006 min

Lab File: BM037688.D

Acq: 23 Nov 2022 23:30

Instrument :

BNA_M

ClientSampleId :

SICV046

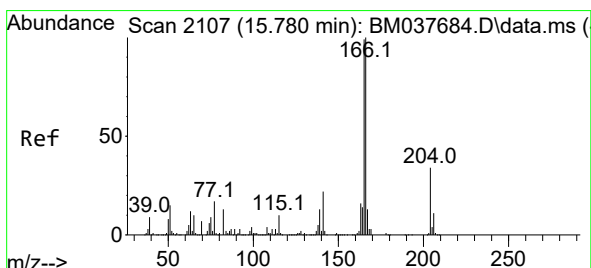
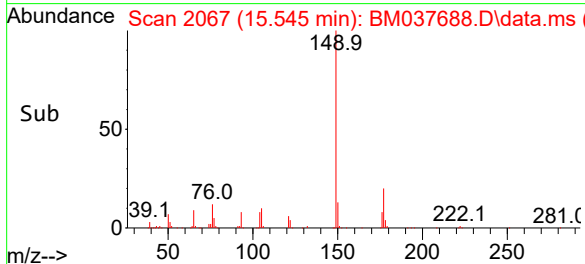
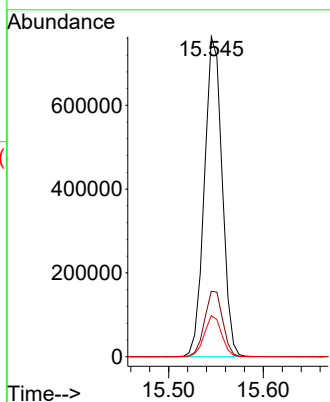
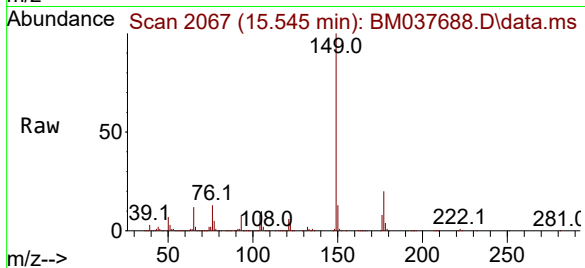
Tgt Ion:149 Resp: 994341

Ion Ratio Lower Upper

149 100

177 20.5 16.1 24.1

150 12.8 9.4 14.0



#61

Fluorene

Concen: 18.841 ng/ul

RT: 15.780 min Scan# 2107

Delta R.T. 0.000 min

Lab File: BM037688.D

Acq: 23 Nov 2022 23:30

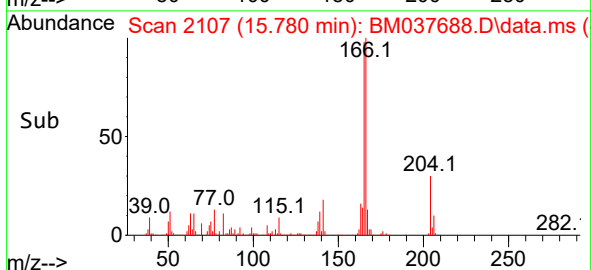
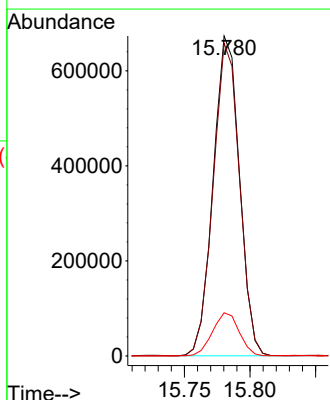
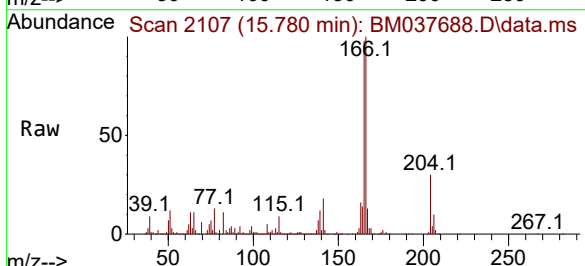
Tgt Ion:166 Resp: 937085

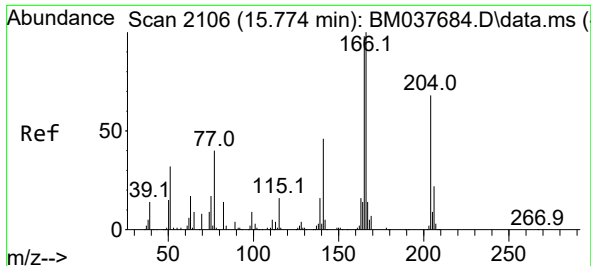
Ion Ratio Lower Upper

166 100

165 97.7 79.3 118.9

167 13.5 10.6 15.8

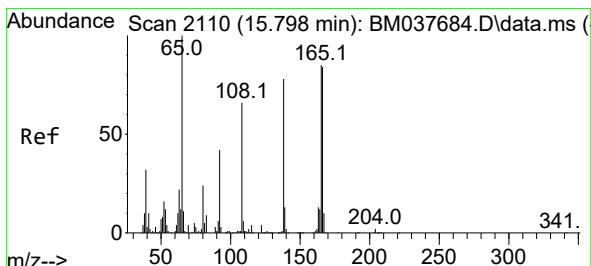
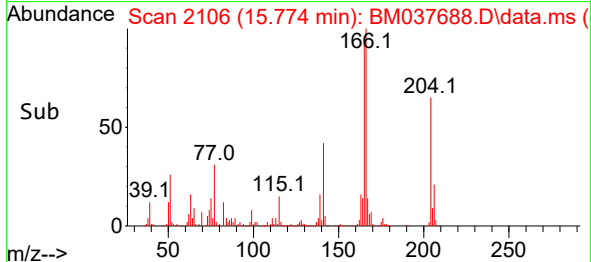
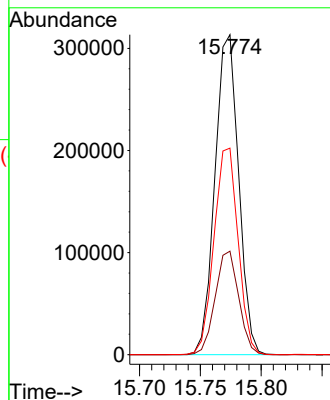
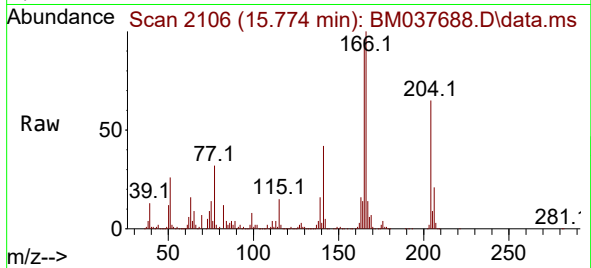




#62
4-Chlorophenyl-phenylether
Concen: 19.596 ng/ul
RT: 15.774 min Scan# 2106
Delta R.T. 0.000 min
Lab File: BM037688.D
Acq: 23 Nov 2022 23:30

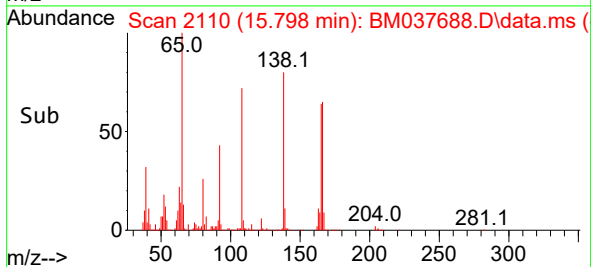
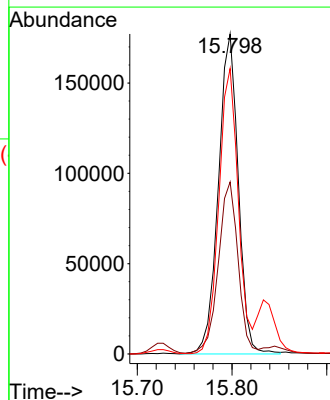
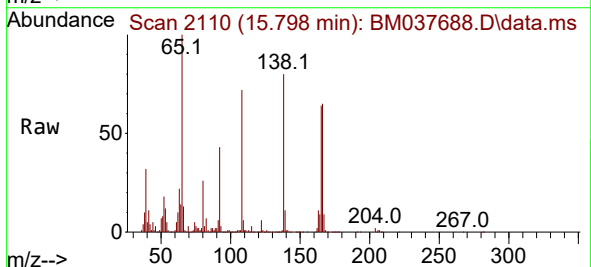
Instrument :
BNA_M
ClientSampleId :
SICV046

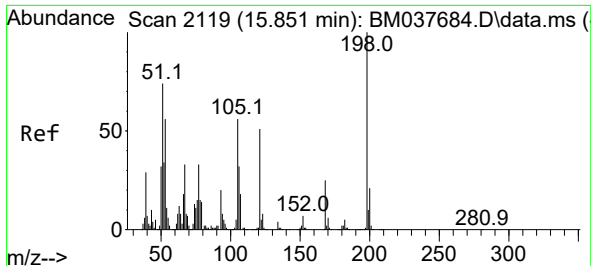
Tgt Ion:204 Resp: 425160
Ion Ratio Lower Upper
204 100
206 32.4 25.8 38.8
141 64.5 54.3 81.5



#63
4-Nitroaniline
Concen: 23.724 ng/ul
RT: 15.798 min Scan# 2110
Delta R.T. 0.000 min
Lab File: BM037688.D
Acq: 23 Nov 2022 23:30

Tgt Ion:138 Resp: 258910
Ion Ratio Lower Upper
138 100
92 53.8 43.7 65.5
108 89.2 68.1 102.1

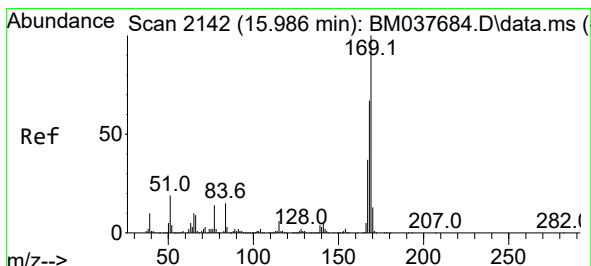
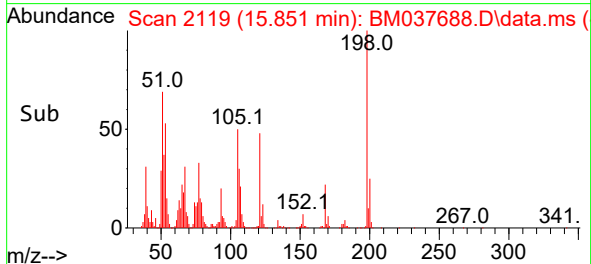
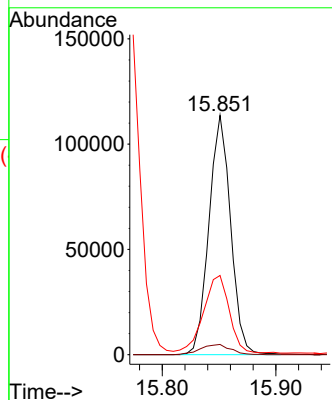
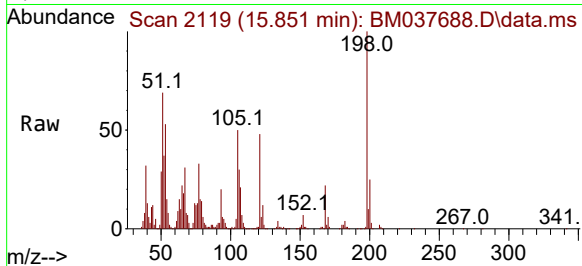




#66
 4,6-Dinitro-2-methylphenol
 Concen: 18.109 ng/ul
 RT: 15.851 min Scan# 2119
 Delta R.T. 0.000 min
 Lab File: BM037688.D
 Acq: 23 Nov 2022 23:30

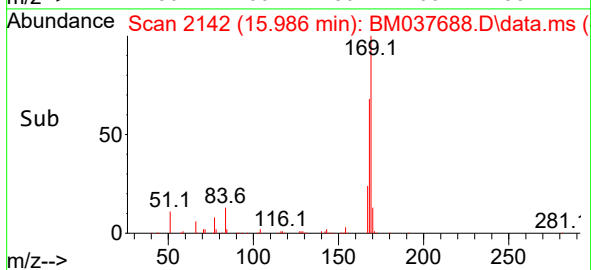
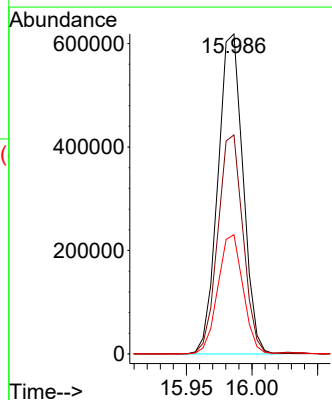
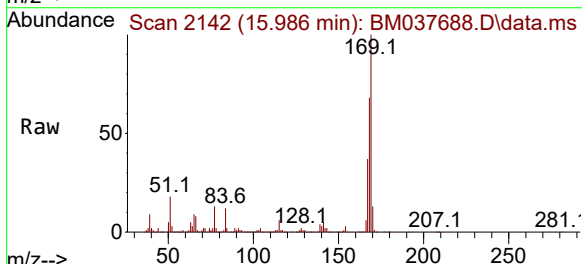
Instrument :
 BNA_M
 ClientSampleId :
 SICV046

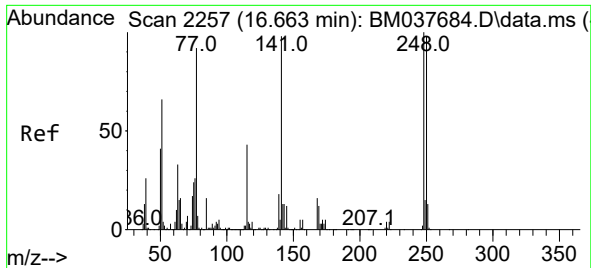
Tgt Ion:198 Resp: 151115
 Ion Ratio Lower Upper
 198 100
 182 4.3 4.0 6.0
 77 33.1 27.9 41.9



#67
 N-Nitrosodiphenylamine
 Concen: 18.168 ng/ul
 RT: 15.986 min Scan# 2142
 Delta R.T. 0.000 min
 Lab File: BM037688.D
 Acq: 23 Nov 2022 23:30

Tgt Ion:169 Resp: 825069
 Ion Ratio Lower Upper
 169 100
 168 68.4 54.0 81.0
 167 37.3 29.3 43.9

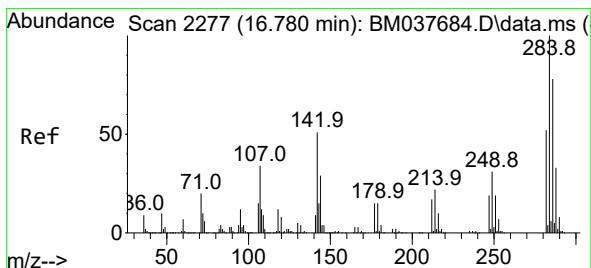
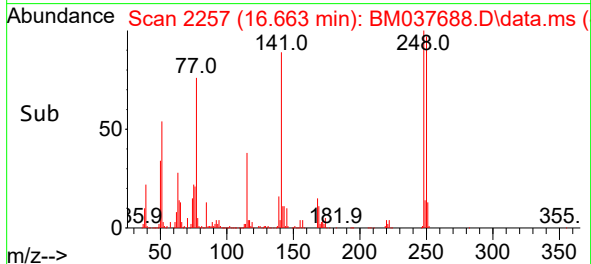
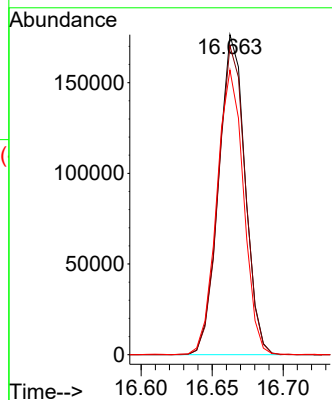
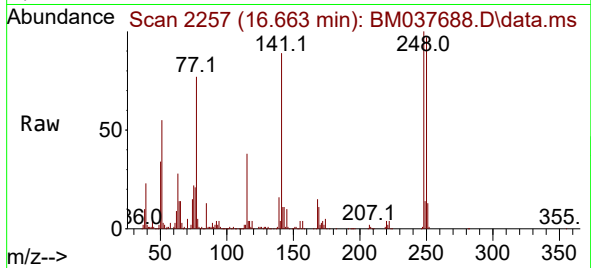




#68
4-Bromophenyl-phenylether
Concen: 19.433 ng/ul
RT: 16.663 min Scan# 2257
Delta R.T. 0.000 min
Lab File: BM037688.D
Acq: 23 Nov 2022 23:30

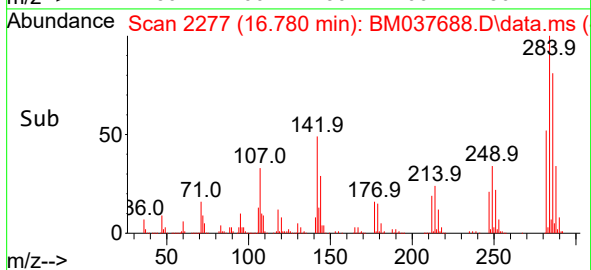
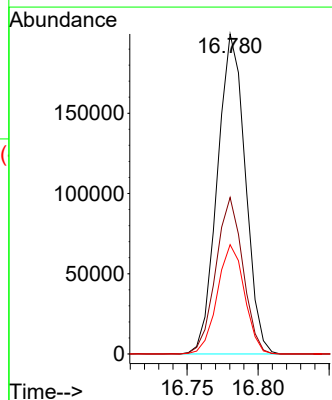
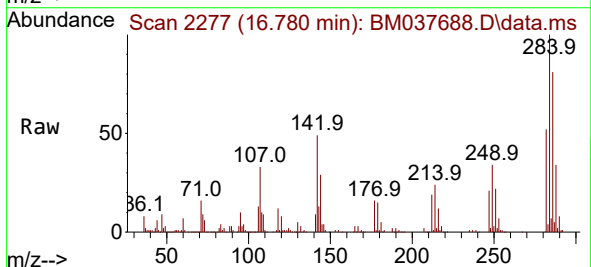
Instrument :
BNA_M
ClientSampleId :
SICV046

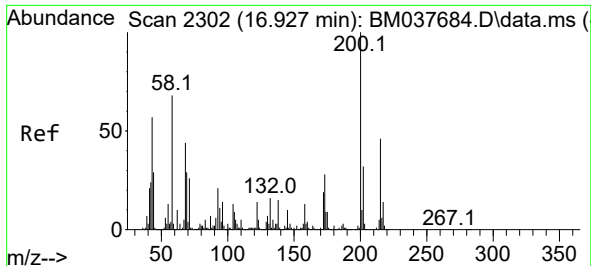
Tgt Ion:248 Resp: 228466
Ion Ratio Lower Upper
248 100
250 96.5 78.5 117.7
141 89.0 78.9 118.3



#69
Hexachlorobenzene
Concen: 18.063 ng/ul
RT: 16.780 min Scan# 2277
Delta R.T. 0.000 min
Lab File: BM037688.D
Acq: 23 Nov 2022 23:30

Tgt Ion:284 Resp: 272724
Ion Ratio Lower Upper
284 100
142 48.9 40.4 60.6
249 34.2 24.5 36.7

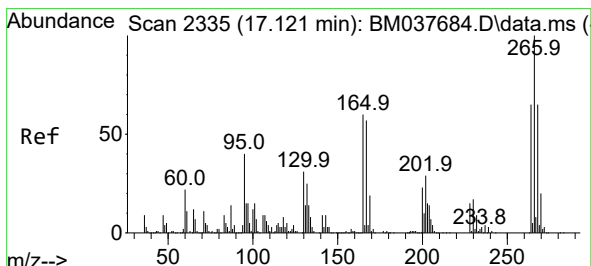
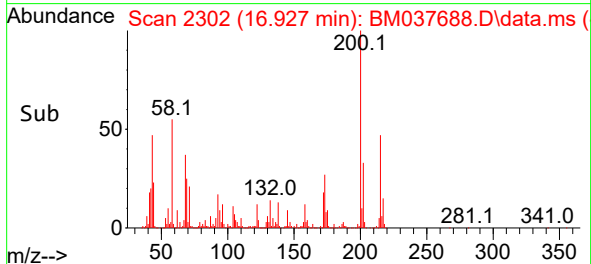
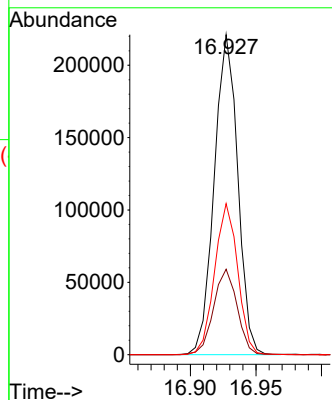
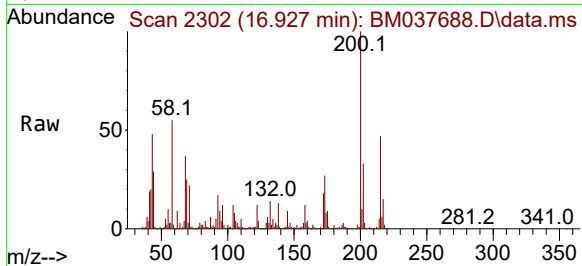




#70
Atrazine
Concen: 17.848 ng/ul
RT: 16.927 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM037688.D
Acq: 23 Nov 2022 23:30

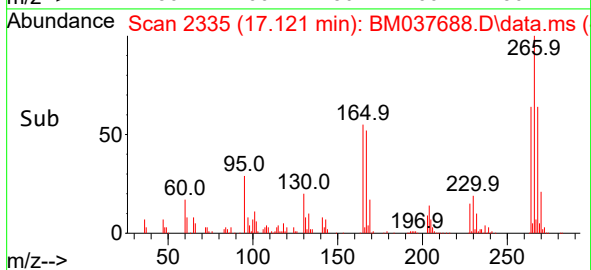
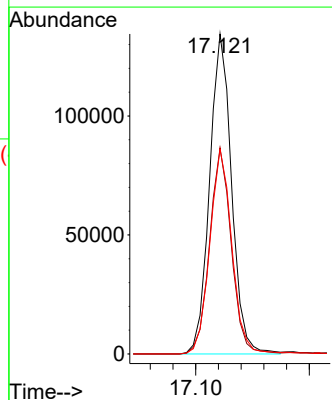
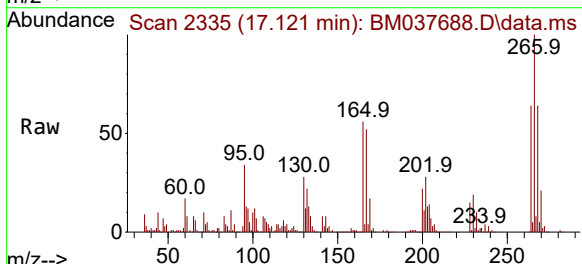
Instrument :
BNA_M
ClientSampleId :
SICV046

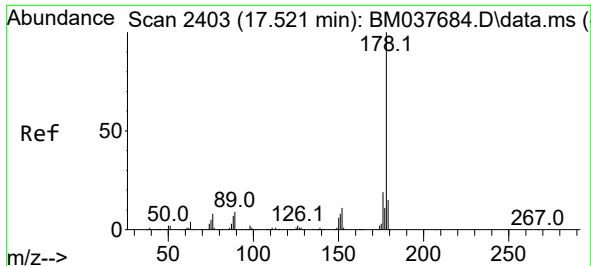
Tgt Ion:200 Resp: 275125
Ion Ratio Lower Upper
200 100
173 26.7 22.6 34.0
215 47.2 36.6 55.0



#71
Pentachlorophenol
Concen: 18.080 ng/ul
RT: 17.121 min Scan# 2335
Delta R.T. 0.000 min
Lab File: BM037688.D
Acq: 23 Nov 2022 23:30

Tgt Ion:266 Resp: 180750
Ion Ratio Lower Upper
266 100
264 64.4 52.0 78.0
268 64.0 52.2 78.2

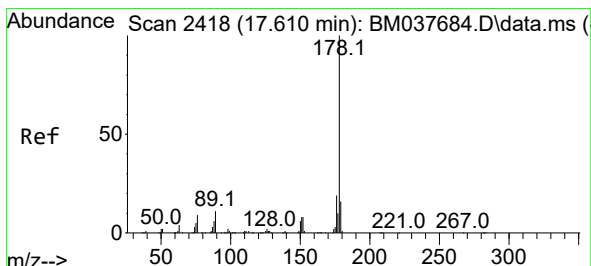
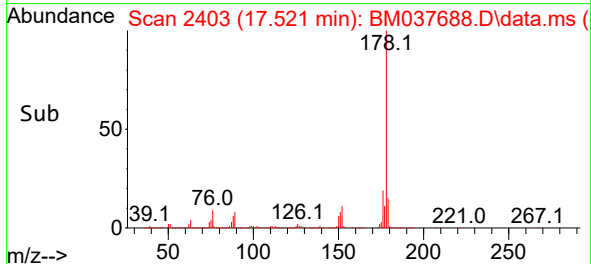
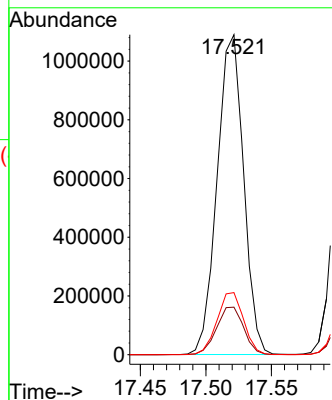
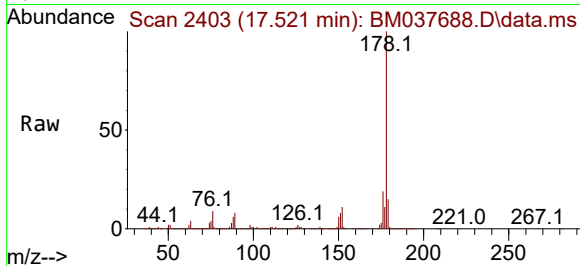




#72
Phenanthrene
Concen: 17.842 ng/ul
RT: 17.521 min Scan# 2403
Delta R.T. 0.000 min
Lab File: BM037688.D
Acq: 23 Nov 2022 23:30

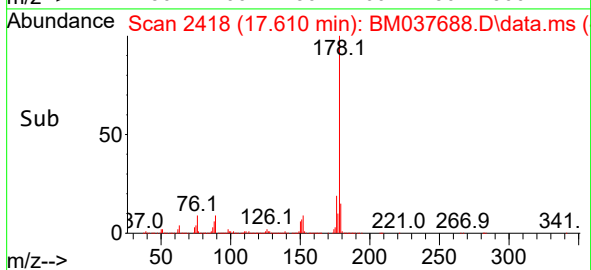
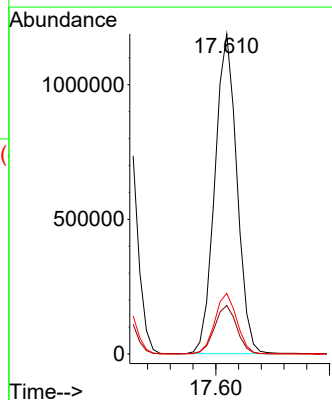
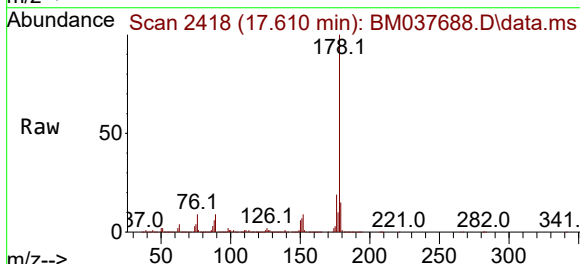
Instrument :
BNA_M
ClientSampleId :
SICV046

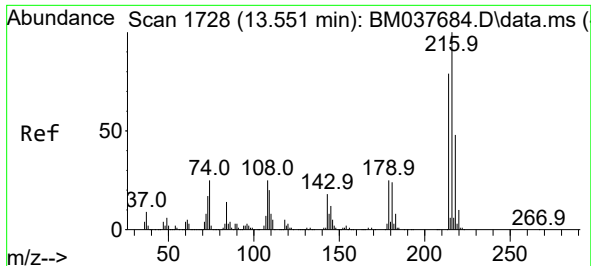
Tgt Ion:178 Resp: 1527643
Ion Ratio Lower Upper
178 100
179 14.9 12.0 18.0
176 19.4 15.4 23.2



#74
Anthracene
Concen: 18.402 ng/ul
RT: 17.610 min Scan# 2418
Delta R.T. 0.000 min
Lab File: BM037688.D
Acq: 23 Nov 2022 23:30

Tgt Ion:178 Resp: 1599625
Ion Ratio Lower Upper
178 100
179 15.2 12.6 18.8
176 18.9 15.0 22.4

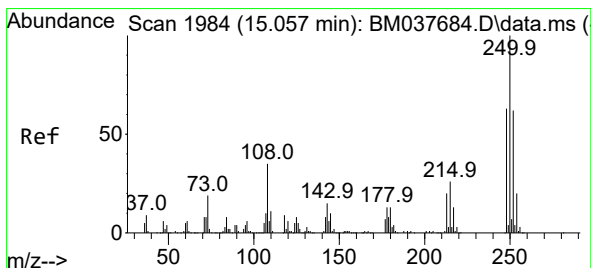
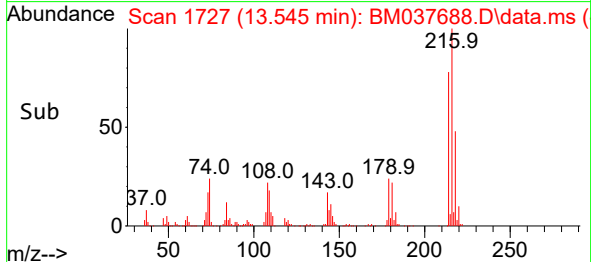
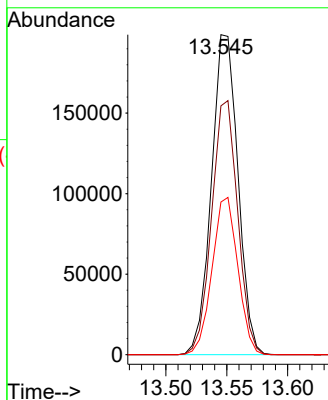
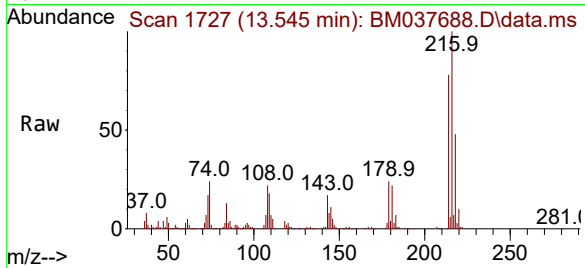




#75
1,2,3,4-Tetrachlorobenzene
Concen: 17.271 ng/uL
RT: 13.545 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM037688.D
Acq: 23 Nov 2022 23:30

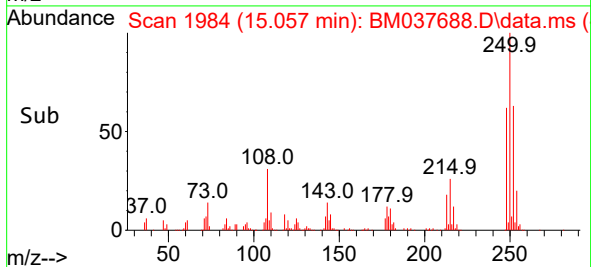
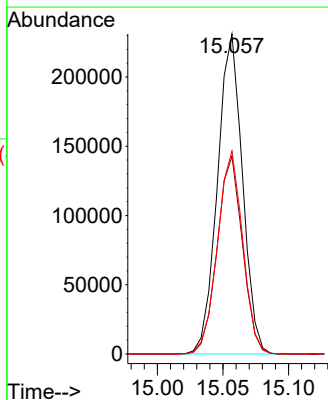
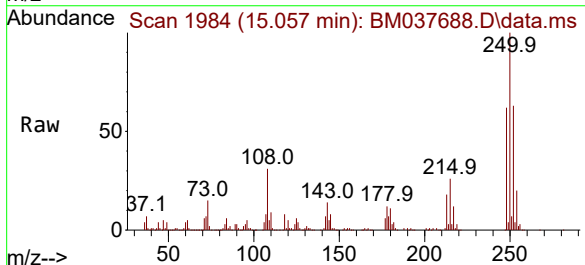
Instrument :
BNA_M
ClientSampleId :
SICV046

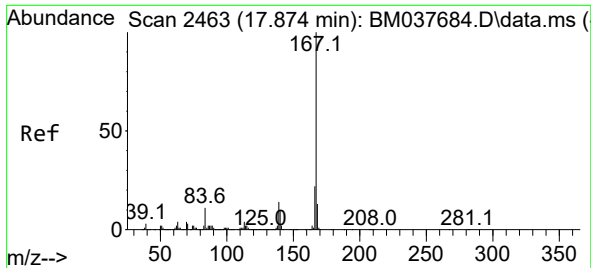
Tgt Ion:216 Resp: 301977
Ion Ratio Lower Upper
216 100
214 77.7 63.3 94.9
218 47.7 38.6 58.0



#76
Pentachlorobenzene
Concen: 16.464 ng/uL
RT: 15.057 min Scan# 1984
Delta R.T. 0.000 min
Lab File: BM037688.D
Acq: 23 Nov 2022 23:30

Tgt Ion:250 Resp: 306180
Ion Ratio Lower Upper
250 100
248 61.8 50.1 75.1
252 63.5 49.9 74.9

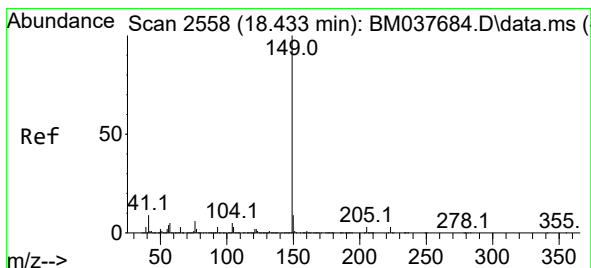
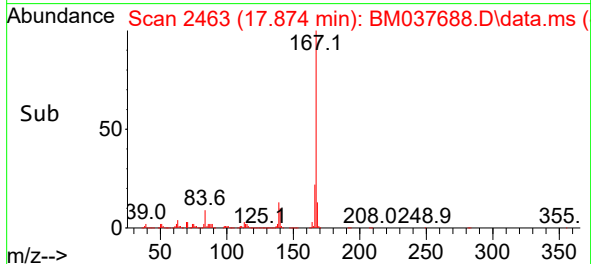
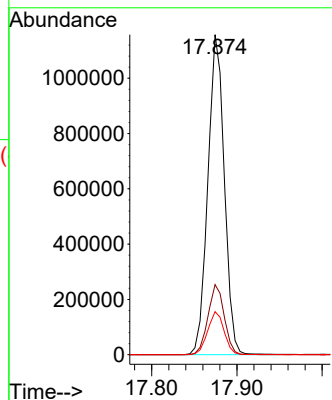
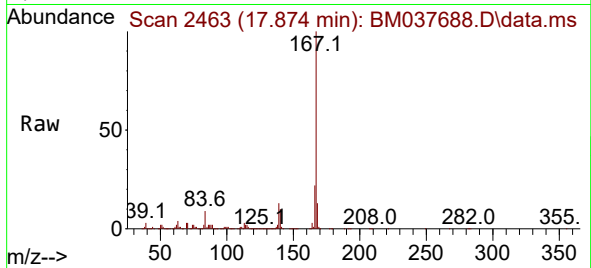




#77
 Carbazole
 Concen: 18.771 ng/ul
 RT: 17.874 min Scan# 2463
 Delta R.T. 0.000 min
 Lab File: BM037688.D
 Acq: 23 Nov 2022 23:30

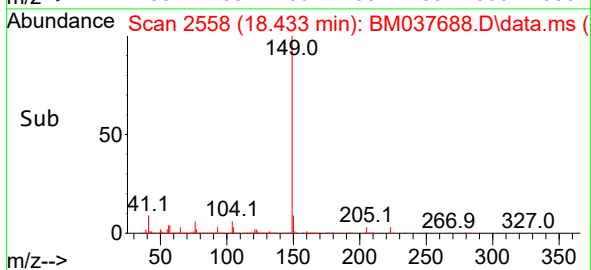
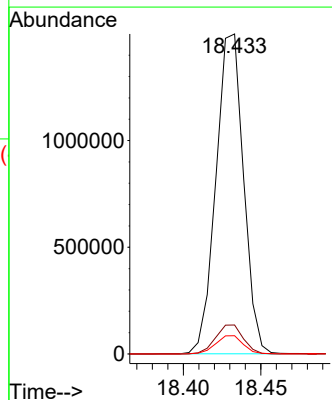
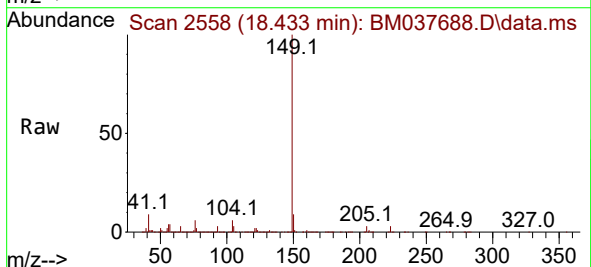
Instrument :
 BNA_M
 ClientSampleId :
 SICV046

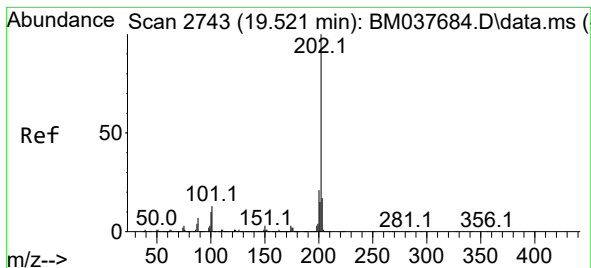
Tgt Ion:167 Resp: 1551227
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.5 26.3
 139 13.5 10.9 16.3



#78
 Di-n-butylphthalate
 Concen: 15.537 ng/ul
 RT: 18.433 min Scan# 2558
 Delta R.T. 0.000 min
 Lab File: BM037688.D
 Acq: 23 Nov 2022 23:30

Tgt Ion:149 Resp: 1858605
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.4 11.0
 104 5.7 4.4 6.6





#80

Fluoranthene

Concen: 17.654 ng/ul

RT: 19.521 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM037688.D

Acq: 23 Nov 2022 23:30

Instrument :

BNA_M

ClientSampleId :

SICV046

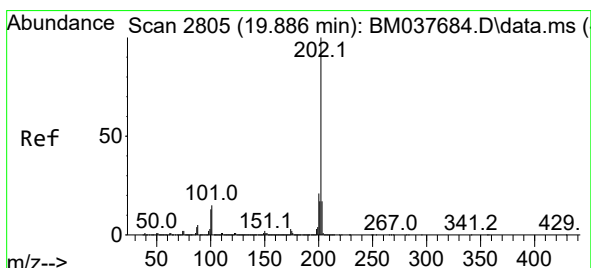
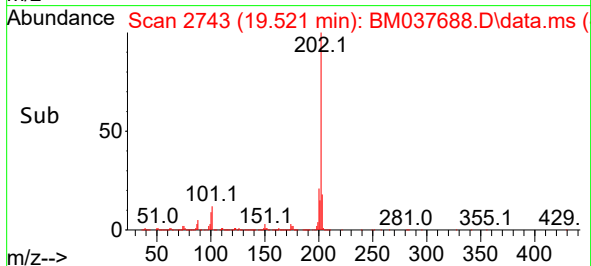
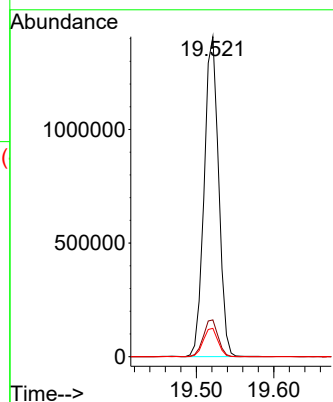
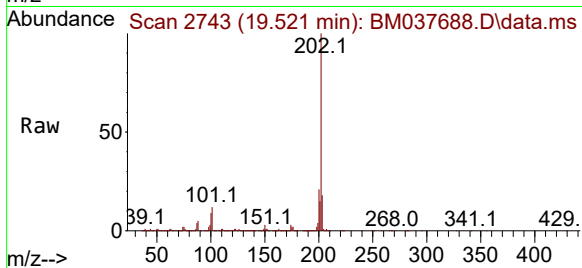
Tgt Ion:202 Resp: 1820337

Ion Ratio Lower Upper

202 100

101 11.5 10.6 16.0

100 8.8 8.2 12.4



#82

Pyrene

Concen: 17.943 ng/ul

RT: 19.880 min Scan# 2804

Delta R.T. -0.006 min

Lab File: BM037688.D

Acq: 23 Nov 2022 23:30

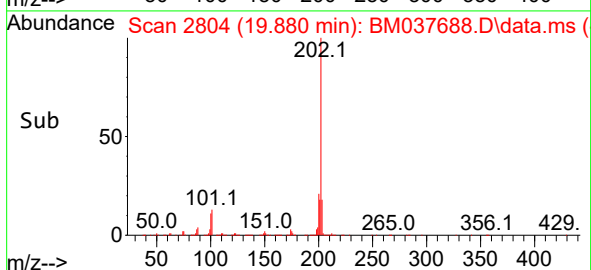
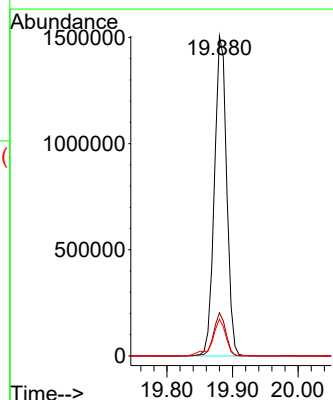
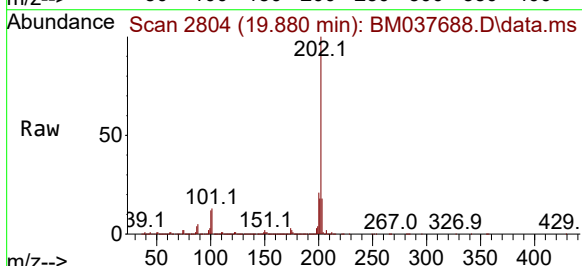
Tgt Ion:202 Resp: 1954203

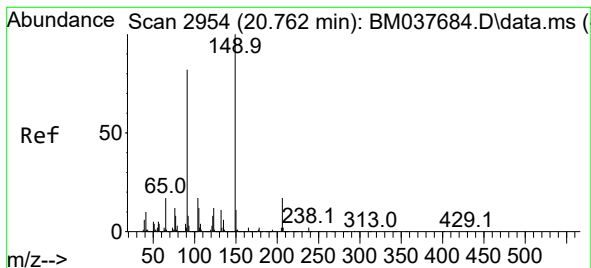
Ion Ratio Lower Upper

202 100

101 13.5 12.2 18.4

100 11.5 10.2 15.2





#83

Butylbenzylphthalate

Concen: 17.235 ng/ul

RT: 20.762 min Scan# 2954

Delta R.T. 0.000 min

Lab File: BM037688.D

Acq: 23 Nov 2022 23:30

Instrument :

BNA_M

ClientSampleId :

SICV046

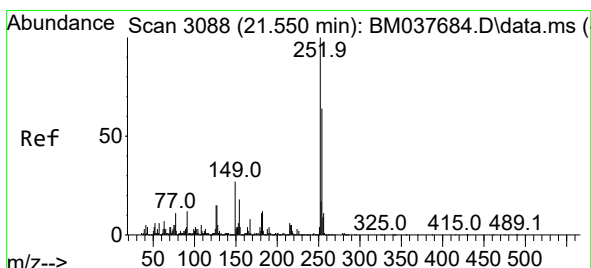
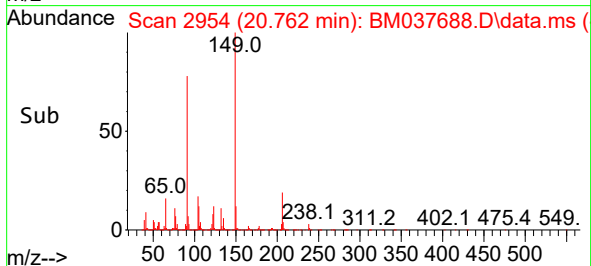
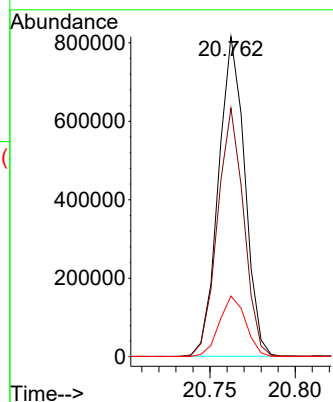
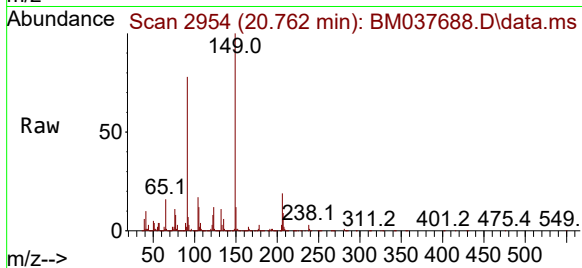
Tgt Ion:149 Resp: 874410

Ion Ratio Lower Upper

149 100

91 77.6 65.9 98.9

206 19.0 13.4 20.2



#84

3,3'-Dichlorobenzidine

Concen: 20.814 ng/ul

RT: 21.551 min Scan# 3088

Delta R.T. 0.000 min

Lab File: BM037688.D

Acq: 23 Nov 2022 23:30

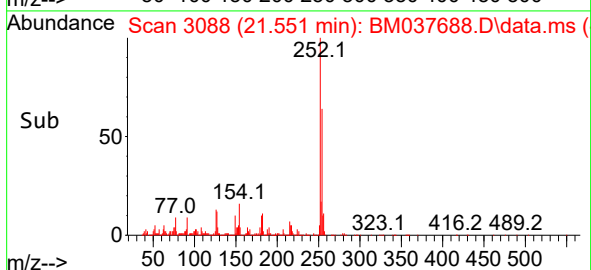
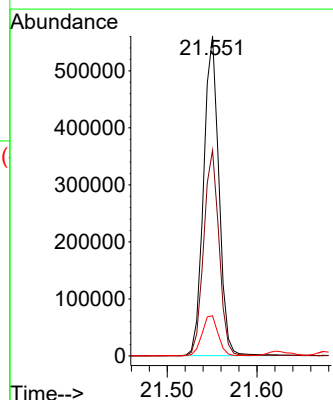
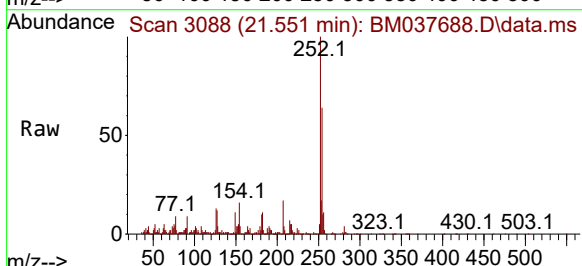
Tgt Ion:252 Resp: 663973

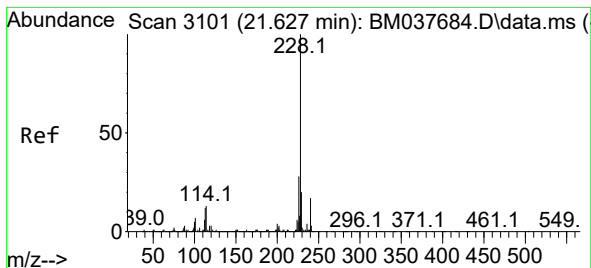
Ion Ratio Lower Upper

252 100

254 64.3 51.0 76.4

126 12.6 12.2 18.4





#85

Benzo(a)anthracene

Concen: 18.330 ng/ul

RT: 21.621 min Scan# 3101

Delta R.T. -0.006 min

Lab File: BM037688.D

Acq: 23 Nov 2022 23:30

Instrument :

BNA_M

ClientSampleId :

SICV046

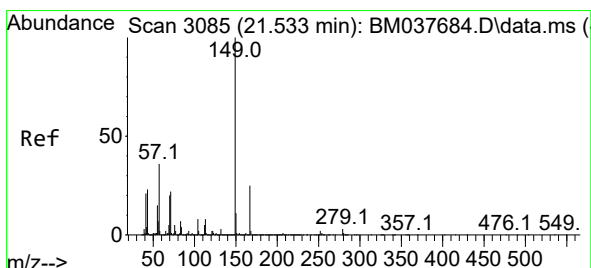
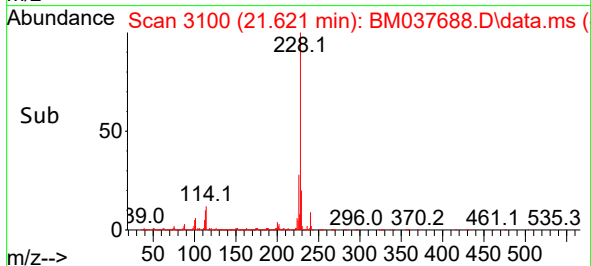
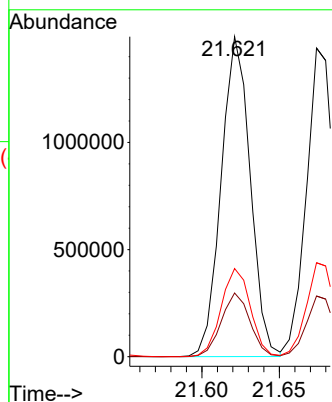
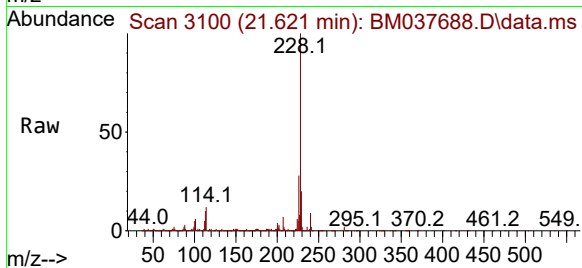
Tgt Ion:228 Resp: 1947748

Ion Ratio Lower Upper

228 100

229 19.9 15.6 23.4

226 27.5 22.2 33.2



#86

Bis(2-ethylhexyl)phthalate

Concen: 17.353 ng/ul

RT: 21.533 min Scan# 3085

Delta R.T. 0.000 min

Lab File: BM037688.D

Acq: 23 Nov 2022 23:30

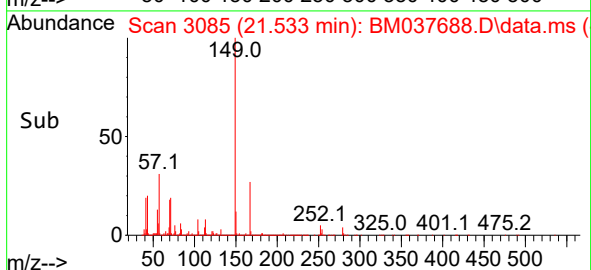
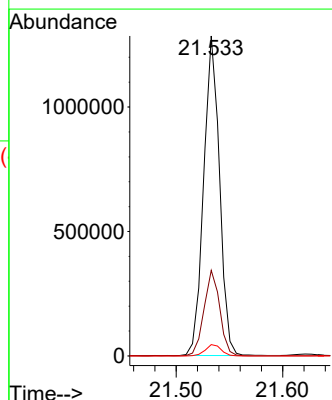
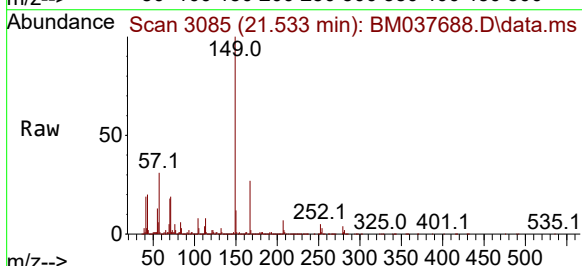
Tgt Ion:149 Resp: 1330111

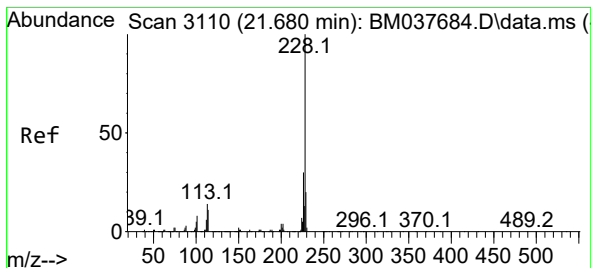
Ion Ratio Lower Upper

149 100

167 26.7 20.2 30.4

279 3.5 2.2 3.4#





#87

Chrysene

Concen: 18.194 ng/ul

RT: 21.674 min Scan# 3110

Delta R.T. -0.006 min

Lab File: BM037688.D

Acq: 23 Nov 2022 23:30

Instrument :

BNA_M

ClientSampleId :

SICV046

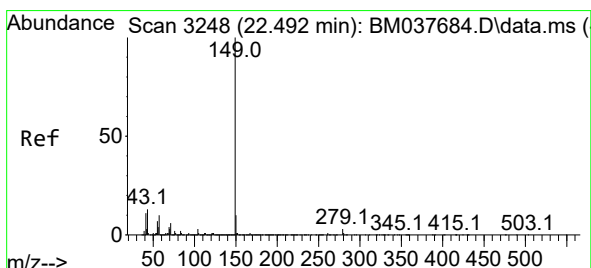
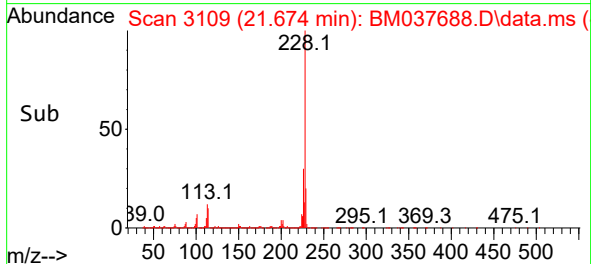
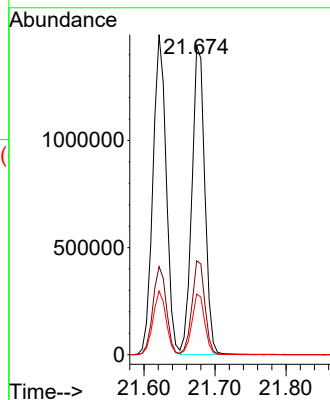
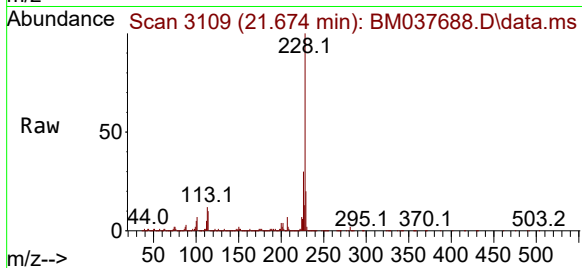
Tgt Ion:228 Resp: 1819345

Ion Ratio Lower Upper

228 100

226 30.4 24.2 36.4

229 19.6 16.1 24.1



#89

Di-n-octyl phthalate

Concen: 16.878 ng/ul

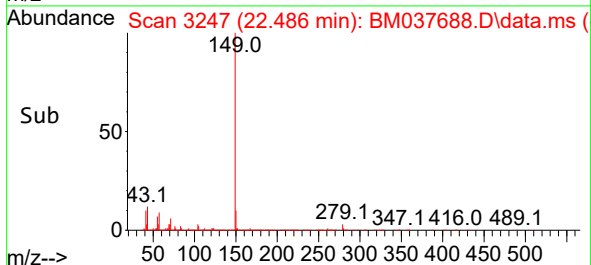
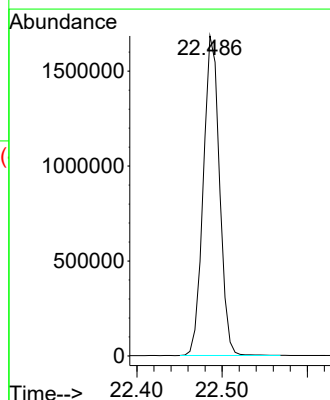
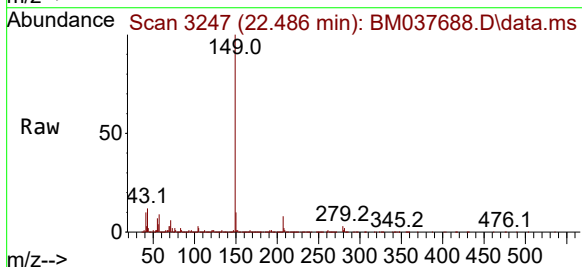
RT: 22.486 min Scan# 3247

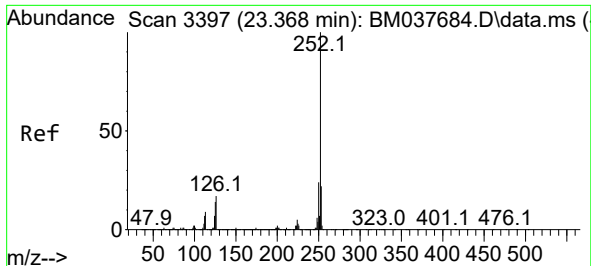
Delta R.T. -0.006 min

Lab File: BM037688.D

Acq: 23 Nov 2022 23:30

Tgt Ion:149 Resp: 2225266

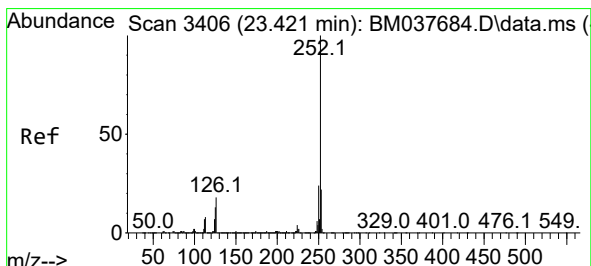
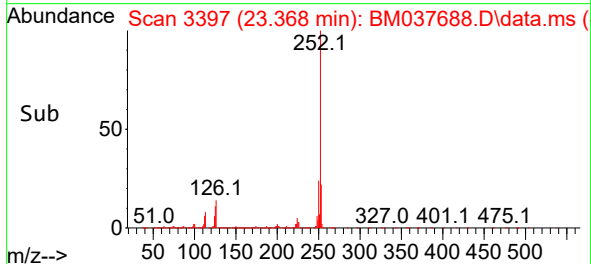
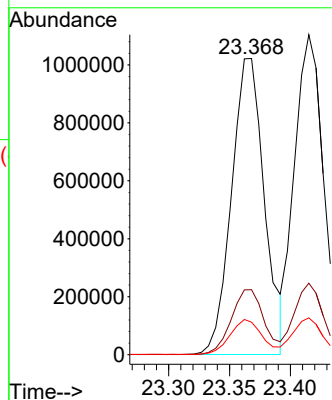
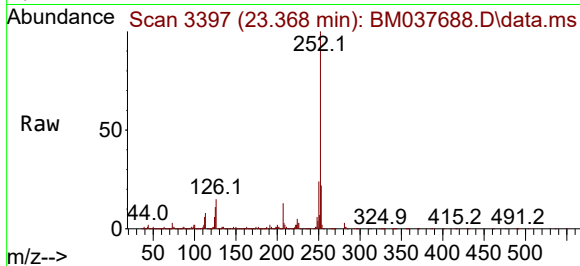




#90
Benzo(b)fluoranthene
Concen: 18.262 ng/ul
RT: 23.368 min Scan# 3397
Delta R.T. 0.000 min
Lab File: BM037688.D
Acq: 23 Nov 2022 23:30

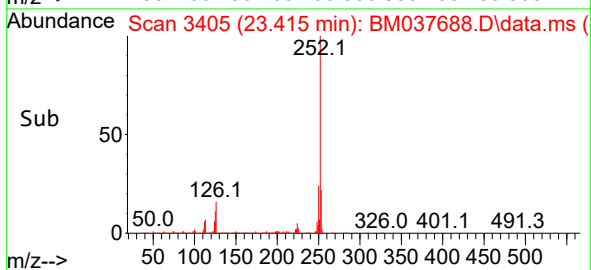
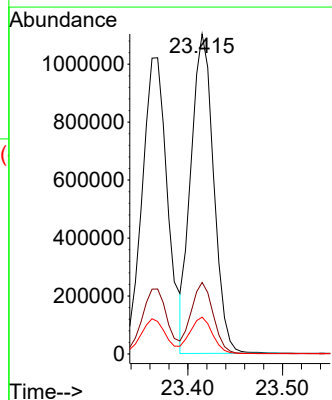
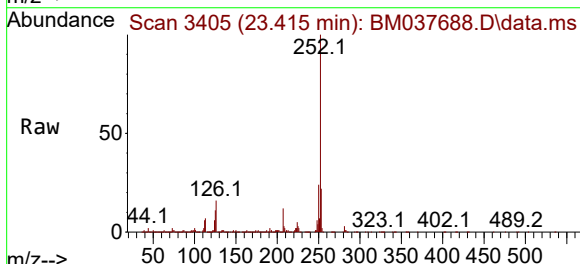
Instrument :
BNA_M
ClientSampleId :
SICV046

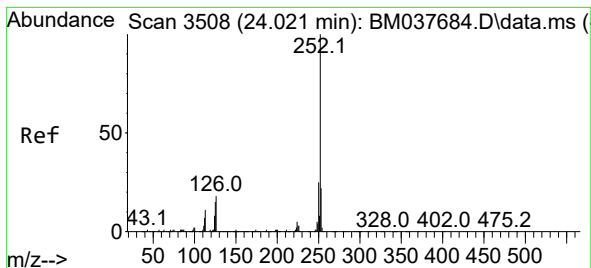
Tgt Ion:252 Resp: 1916180
Ion Ratio Lower Upper
252 100
253 22.0 17.8 26.6
125 11.0 11.0 16.4



#91
Benzo(k)fluoranthene
Concen: 17.932 ng/ul
RT: 23.415 min Scan# 3405
Delta R.T. -0.006 min
Lab File: BM037688.D
Acq: 23 Nov 2022 23:30

Tgt Ion:252 Resp: 1834926
Ion Ratio Lower Upper
252 100
253 22.3 17.5 26.3
125 11.5 10.6 16.0





#93

Benzo(a)pyrene

Concen: 18.091 ng/ul

RT: 24.021 min Scan# 3

Delta R.T. 0.000 min

Lab File: BM037688.D

Acq: 23 Nov 2022 23:30

Instrument :

BNA_M

ClientSampleId :

SICV046

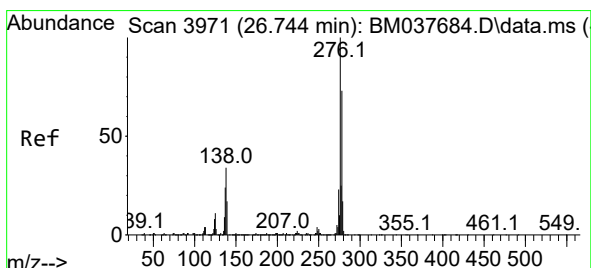
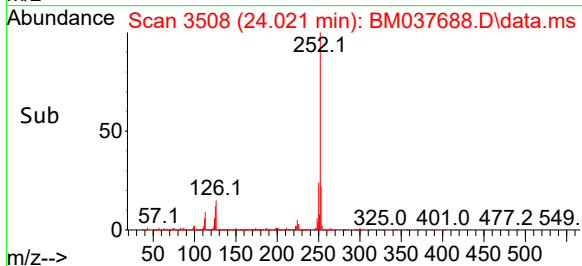
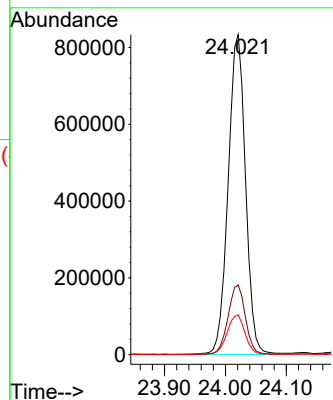
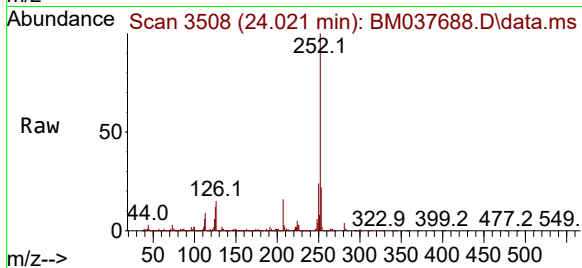
Tgt Ion:252 Resp: 1649789

Ion Ratio Lower Upper

252 100

253 21.8 17.3 25.9

125 12.4 12.0 18.0



#94

Indeno(1,2,3-cd)pyrene

Concen: 18.359 ng/ul

RT: 26.738 min Scan# 3970

Delta R.T. -0.006 min

Lab File: BM037688.D

Acq: 23 Nov 2022 23:30

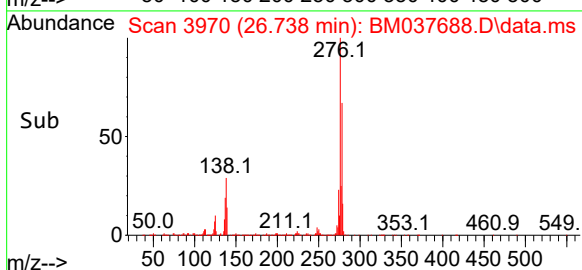
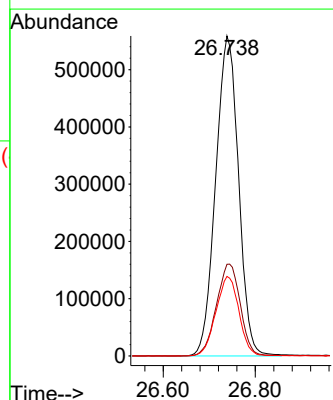
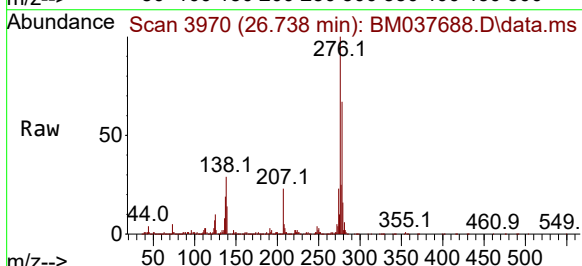
Tgt Ion:276 Resp: 1920755

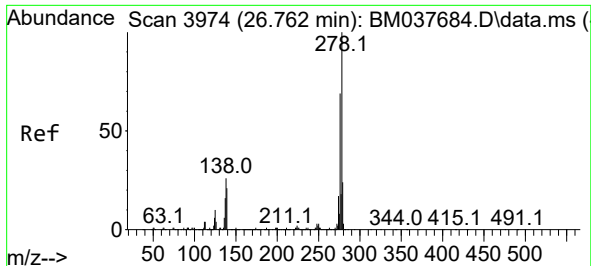
Ion Ratio Lower Upper

276 100

138 28.7 26.9 40.3

277 24.8 19.9 29.9

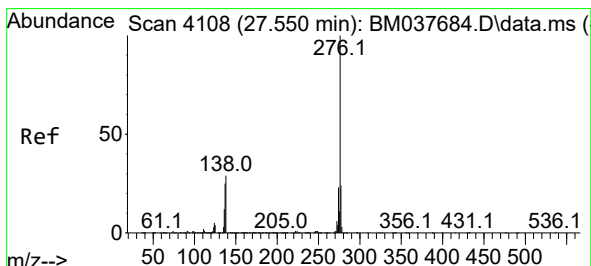
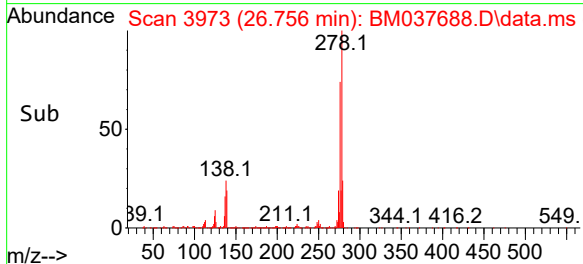
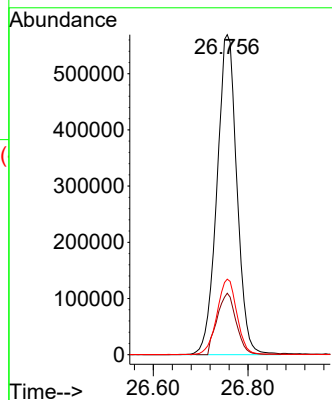
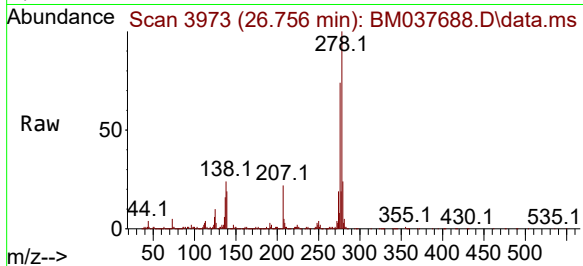




#95
Dibenzo(a,h)anthracene
Concen: 17.696 ng/ul
RT: 26.756 min Scan# 3974
Delta R.T. -0.006 min
Lab File: BM037688.D
Acq: 23 Nov 2022 23:30

Instrument :
BNA_M
ClientSampleId :
SICV046

Tgt Ion:278 Resp: 1662279
Ion Ratio Lower Upper
278 100
139 19.2 16.6 25.0
279 23.6 19.3 28.9



#96
Benzo(g,h,i)perylene
Concen: 17.850 ng/ul
RT: 27.544 min Scan# 4107
Delta R.T. -0.006 min
Lab File: BM037688.D
Acq: 23 Nov 2022 23:30

Tgt Ion:276 Resp: 1626263
Ion Ratio Lower Upper
276 100
138 25.2 23.4 35.2
277 23.9 19.1 28.7

