

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM112822\
 Data File : BM037768.D
 Acq On : 28 Nov 2022 20:20
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Nov 28 22:30:04 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM112322.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Nov 28 22:24:47 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.104	152	203938	20.000	ng/u1	0.00
20) Naphthalene-d8	10.928	136	984068	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.733	164	629538	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.468	188	1313051	20.000	ng/u1	0.00
79) Chrysene-d12	21.639	240	1216320	20.000	ng/u1	# 0.00
88) Perylene-d12	24.127	264	1021686	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.434	96	38287	7.786	ng/uL	0.00
4) Pyridine-d5	3.869	84	331409	20.705	ng/u1	0.00
7) Phenol-d5	7.257	99	414009	20.348	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.428	67	274526	20.227	ng/u1	0.00
11) 2-Chlorophenol-d4	7.634	132	306900	21.708	ng/u1	0.00
15) 4-Methylphenol-d8	8.816	113	330053	20.386	ng/u1	0.00
21) Nitrobenzene-d5	9.275	128	168724	21.871	ng/u1	0.00
24) 2-Nitrophenol-d4	10.004	143	172331	22.670	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.545	165	311633	22.402	ng/u1	0.00
31) 4-Chloroaniline-d4	11.063	131	481164	20.844	ng/u1	0.00
46) Dimethylphthalate-d6	14.139	166	960586	21.542	ng/u1	0.00
49) Acenaphthylene-d8	14.427	160	1157255	21.987	ng/u1	0.00
54) 4-Nitrophenol-d4	14.916	143	195960	19.951	ng/u1	0.00
60) Fluorene-d10	15.721	176	857236	21.950	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.833	200	135906	19.241	ng/u1	0.00
73) Anthracene-d10	17.568	188	1333631	21.719	ng/u1	0.00
81) Pyrene-d10	19.845	212	1460189	23.624	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.962	264	1149567	21.859	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.469	88	44673	8.263	ng/uL	92
5) Pyridine	3.893	79	330175	20.285	ng/u1	93
6) Benzaldehyde	7.240	77	239375	22.416	ng/u1	99
8) Phenol	7.281	94	433535	20.328	ng/u1	91
10) Bis(2-Chloroethyl)ether	7.522	93	345346	19.974	ng/u1	99
12) 2-Chlorophenol	7.663	128	332838	21.551	ng/u1	98
13) 2-Methylphenol	8.545	108	331704	20.388	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.634	45	632437	20.251	ng/u1	99
16) Acetophenone	8.940	105	556635	20.885	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.922	70	321399	20.575	ng/u1	96
18) 4-Methylphenol	8.881	108	366225	20.374	ng/u1	96
19) Hexachloroethane	9.198	117	153934	23.045	ng/u1	98
22) Nitrobenzene	9.322	77	480290	22.833	ng/u1	98
23) Isophorone	9.851	82	878355	20.718	ng/u1	99
25) 2-Nitrophenol	10.034	139	192568	22.398	ng/u1	93
26) 2,4-Dimethylphenol	10.092	107	427157	22.623	ng/u1	97
27) Bis(2-Chloroethoxy)met...	10.328	93	493394	20.287	ng/u1	99
29) 2,4-Dichlorophenol	10.569	162	318578	22.385	ng/u1	99
30) Naphthalene	10.981	128	1172071	21.783	ng/u1	100
32) 4-Chloroaniline	11.086	127	506525	21.056	ng/u1	99
33) Hexachlorobutadiene	11.263	225	187659	25.119	ng/u1	98
34) Caprolactam	11.869	113	113589	19.164	ng/u1	98
35) 4-Chloro-3-methylphenol	12.198	107	400867	22.035	ng/u1	96
36) 2-Methylnaphthalene	12.575	142	811120	21.701	ng/u1	98

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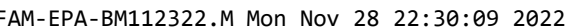
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 BNA_M
 ClientSampleId :

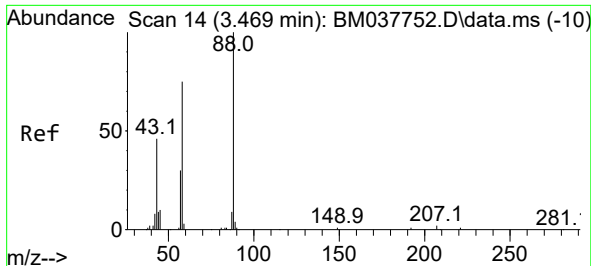
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 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Nov 28 22:24:47 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.792	142	814700	21.666	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.939	216	352211	22.785	ng/ul	94
40) Hexachlorocyclopentadiene	12.916	237	207892	21.597	ng/ul	98
41) 2,4,6-Trichlorophenol	13.175	196	244347	21.952	ng/ul	99
42) 2,4,5-Trichlorophenol	13.245	196	265745	22.313	ng/ul	96
43) 1,1'-Biphenyl	13.575	154	1041544	21.787	ng/ul	99
44) 2-Chloronaphthalene	13.616	162	813469	21.893	ng/ul	98
45) 2-Nitroaniline	13.816	65	317860	22.564	ng/ul	99
47) Dimethylphthalate	14.186	163	1006587	21.236	ng/ul	99
48) 2,6-Dinitrotoluene	14.304	165	205311	22.432	ng/ul	88
50) Acenaphthylene	14.457	152	1303803	21.915	ng/ul	100
51) 3-Nitroaniline	14.633	138	230674	20.770	ng/ul	100
52) Acenaphthene	14.798	153	926166	21.767	ng/ul	99
53) 2,4-Dinitrophenol	14.833	184	86871	16.177	ng/ul	93
55) 4-Nitrophenol	14.933	109	204605	23.245	ng/ul	83
56) Dibenzofuran	15.127	168	1216917	21.913	ng/ul	95
57) 2,4-Dinitrotoluene	15.086	165	300433	22.370	ng/ul	95
58) 2,3,4,6-Tetrachlorophenol	15.351	232	221889	22.707	ng/ul	99
59) Diethylphthalate	15.539	149	1110800	21.713	ng/ul	99
61) Fluorene	15.774	166	1045367	21.730	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.763	204	468977	22.348	ng/ul	96
63) 4-Nitroaniline	15.792	138	229587	21.750	ng/ul#	84
66) 4,6-Dinitro-2-methylph...	15.845	198	143138	19.094	ng/ul	95
67) N-Nitrosodiphenylamine	15.974	169	876794	21.491	ng/ul	98
68) 4-Bromophenyl-phenylether	16.657	248	262336	24.839	ng/ul	99
69) Hexachlorobenzene	16.774	284	288472	21.267	ng/ul	96
70) Atrazine	16.921	200	289056	20.873	ng/ul	98
71) Pentachlorophenol	17.116	266	179791	20.019	ng/ul	99
72) Phenanthrene	17.510	178	1658720	21.565	ng/ul	100
74) Anthracene	17.604	178	1691752	21.664	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.539	216	356933	22.723	ng/uL	99
76) Pentachlorobenzene	15.045	250	372983	22.325	ng/uL	99
77) Carbazole	17.868	167	1559740	21.009	ng/ul	99
78) Di-n-butylphthalate	18.421	149	2020800	18.804	ng/ul	99
80) Fluoranthene	19.515	202	1846140	23.381	ng/ul	97
82) Pyrene	19.880	202	1944649	23.318	ng/ul	95
83) Butylbenzylphthalate	20.756	149	930804	23.959	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.545	252	515628	21.108	ng/ul	100
85) Benzo(a)anthracene	21.621	228	1783138	21.914	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.527	149	1355919	23.100	ng/ul	99
87) Chrysene	21.674	228	1649786	21.545	ng/ul	99
89) Di-n-octyl phthalate	22.480	149	2291085	26.251	ng/ul	100
90) Benzo(b)fluoranthene	23.362	252	1565868	22.545	ng/ul	98
91) Benzo(k)fluoranthene	23.415	252	1527611	22.553	ng/ul	97
93) Benzo(a)pyrene	24.015	252	1307632	21.661	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.733	276	1281073	18.498	ng/ul	94
95) Dibenzo(a,h)anthracene	26.750	278	1143802	18.395	ng/ul	98
96) Benzo(g,h,i)perylene	27.532	276	1090625	18.085	ng/ul	96

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

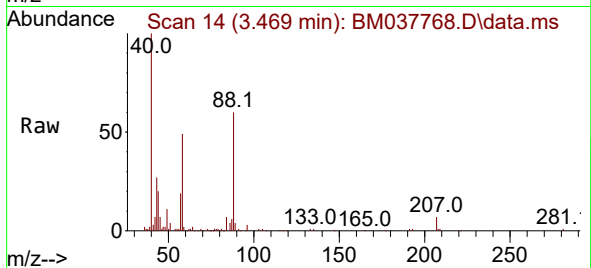
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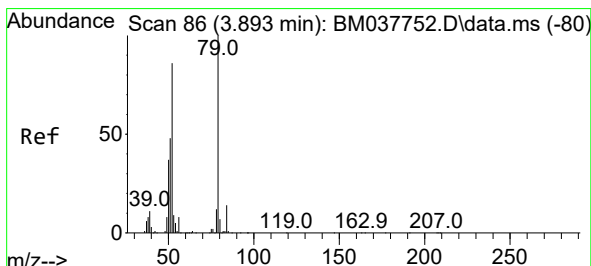
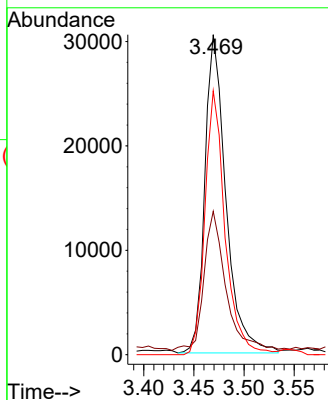
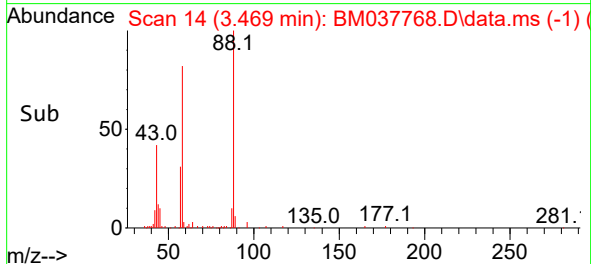


#2
1,4-Dioxane
Concen: 8.263 ng/uL
RT: 3.469 min Scan# 14
Delta R.T. 0.000 min
Lab File: BM037768.D
Acq: 28 Nov 2022 20:20

Instrument :
BNA_M
ClientSampleId :

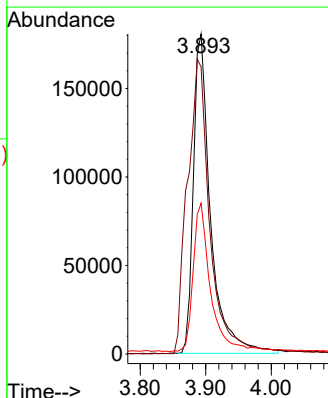
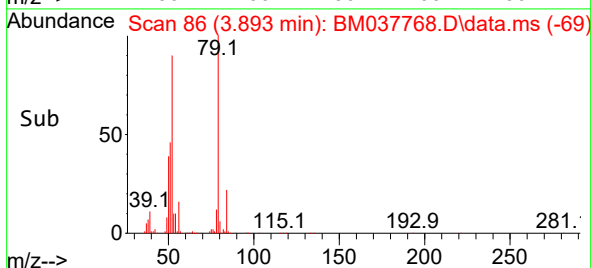
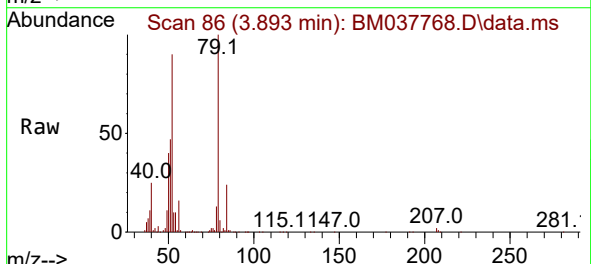


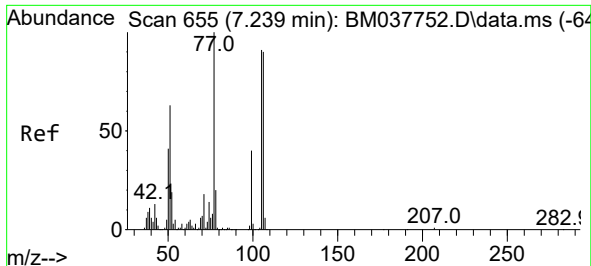
Tgt Ion: 88 Resp: 44673
Ion Ratio Lower Upper
88 100
43 44.8 42.8 64.2
58 82.4 62.6 94.0



#5
Pyridine
Concen: 20.285 ng/uL
RT: 3.893 min Scan# 86
Delta R.T. 0.000 min
Lab File: BM037768.D
Acq: 28 Nov 2022 20:20

Tgt Ion: 79 Resp: 330175
Ion Ratio Lower Upper
79 100
52 89.7 68.2 102.4
51 47.1 32.4 48.6

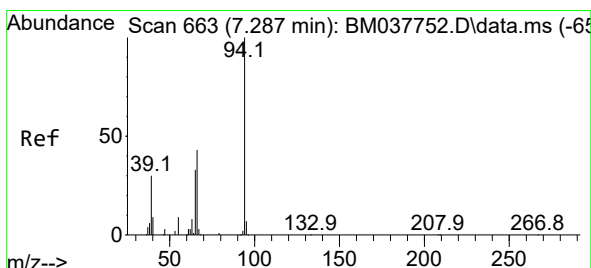
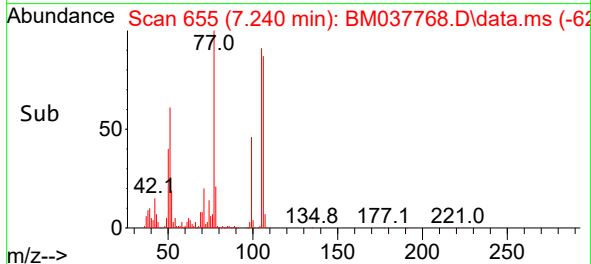
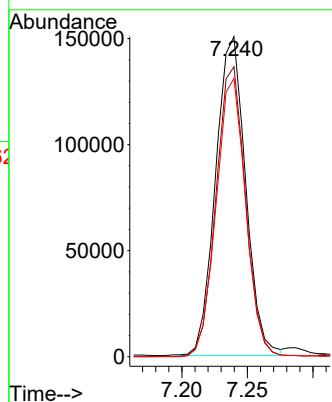
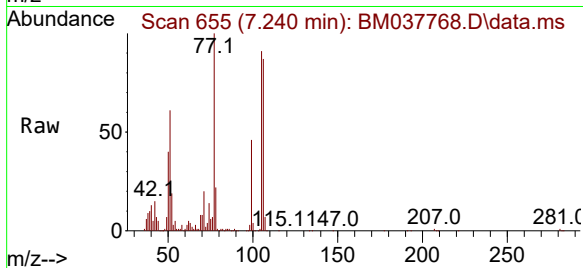




#6
Benzaldehyde
Concen: 22.416 ng/ul
RT: 7.240 min Scan# 655
Delta R.T. 0.000 min
Lab File: BM037768.D
Acq: 28 Nov 2022 20:20

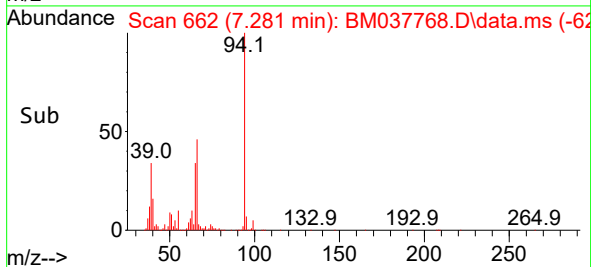
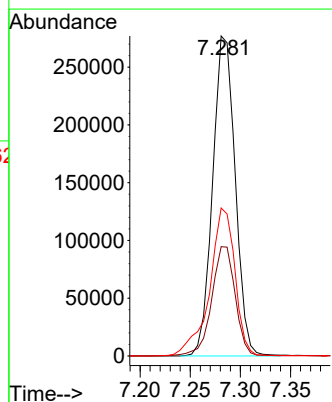
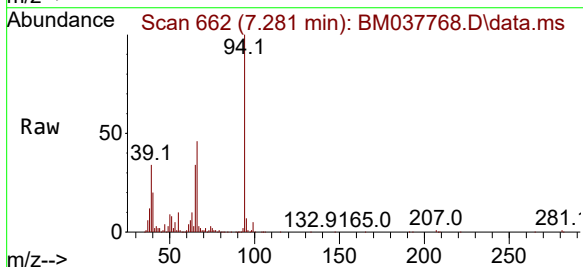
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ClientSampleId :

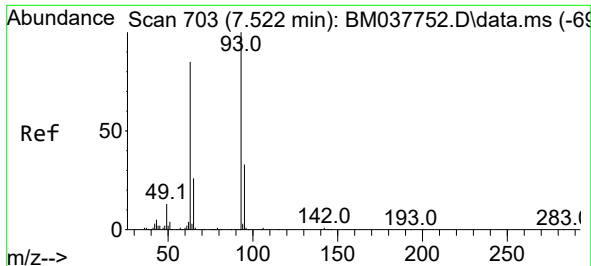
Tgt Ion: 77 Resp: 239375
Ion Ratio Lower Upper
77 100
105 90.6 73.4 110.0
106 86.9 70.2 105.2



#8
Phenol
Concen: 20.328 ng/ul
RT: 7.281 min Scan# 662
Delta R.T. -0.006 min
Lab File: BM037768.D
Acq: 28 Nov 2022 20:20

Tgt Ion: 94 Resp: 433535
Ion Ratio Lower Upper
94 100
65 34.2 25.0 37.4
66 46.3 31.0 46.6

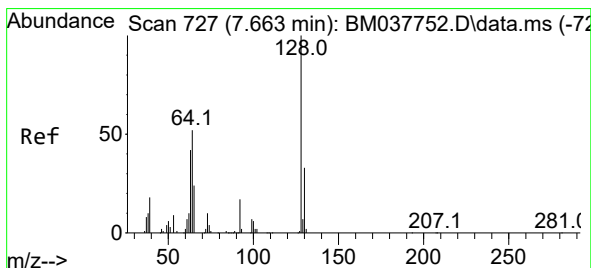
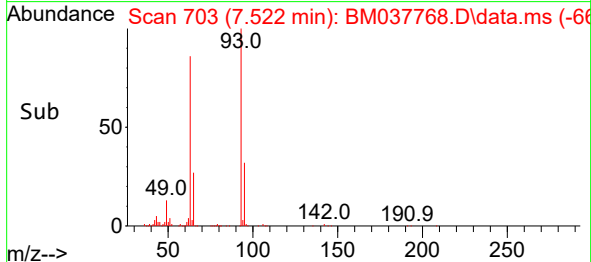
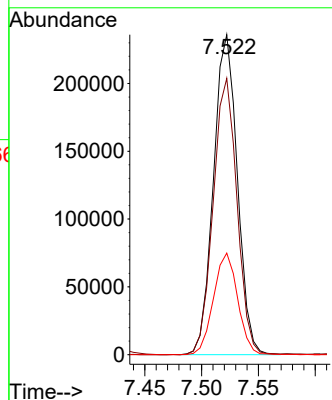
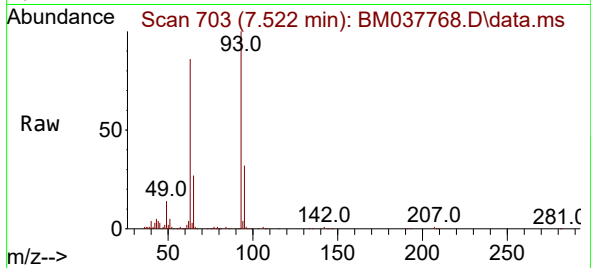




#10
Bis(2-Chloroethyl)ether
Concen: 19.974 ng/ul
RT: 7.522 min Scan# 703
Delta R.T. 0.000 min
Lab File: BM037768.D
Acq: 28 Nov 2022 20:20

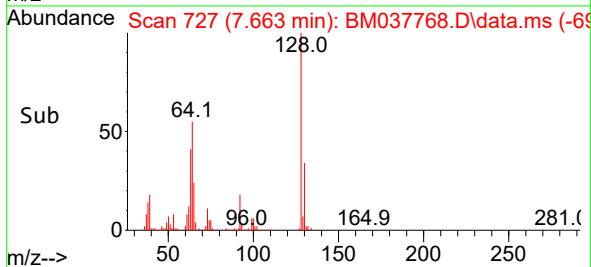
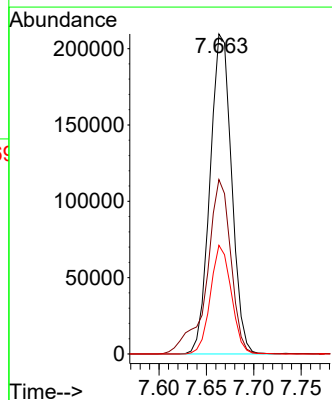
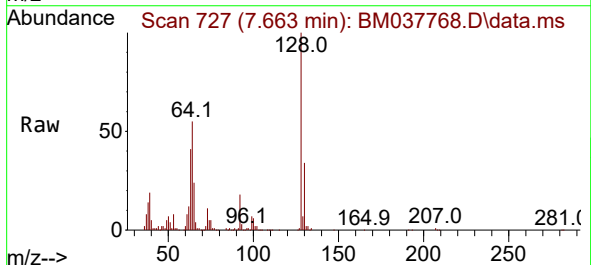
Instrument :
BNA_M
ClientSampleId :

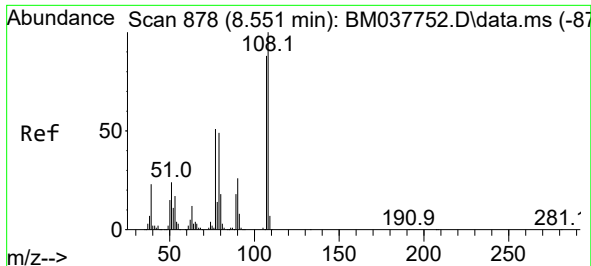
Tgt Ion: 93 Resp: 345346
Ion Ratio Lower Upper
93 100
63 86.4 68.6 103.0
95 31.8 27.1 40.7



#12
2-Chlorophenol
Concen: 21.551 ng/ul
RT: 7.663 min Scan# 727
Delta R.T. 0.000 min
Lab File: BM037768.D
Acq: 28 Nov 2022 20:20

Tgt Ion:128 Resp: 332838
Ion Ratio Lower Upper
128 100
64 54.5 42.2 63.4
130 34.0 26.1 39.1





#13

2-Methylphenol

Concen: 20.388 ng/ul

RT: 8.545 min Scan# 81

Delta R.T. -0.006 min

Lab File: BM037768.D

Acq: 28 Nov 2022 20:20

Instrument :

BNA_M

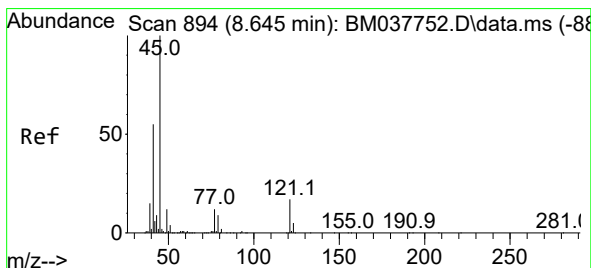
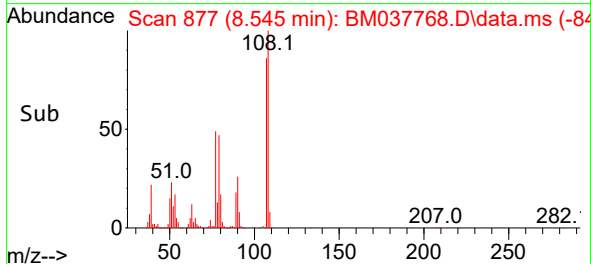
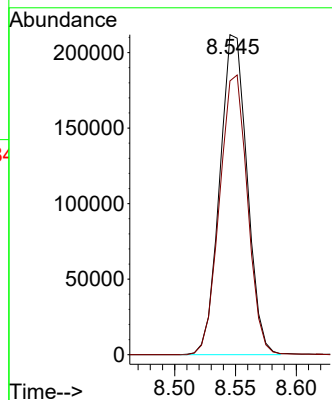
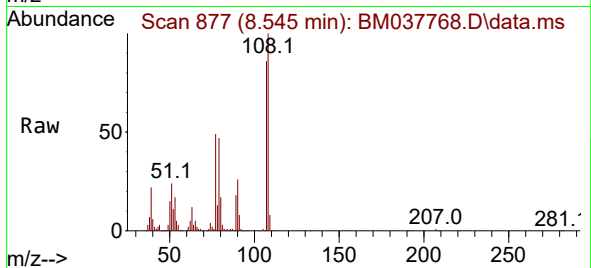
ClientSampleId :

Tgt Ion:108 Resp: 331704

Ion Ratio Lower Upper

108 100

107 85.5 70.6 106.0



#14

2,2'-oxybis(1-Chloropropane)

Concen: 20.251 ng/ul

RT: 8.634 min Scan# 892

Delta R.T. -0.012 min

Lab File: BM037768.D

Acq: 28 Nov 2022 20:20

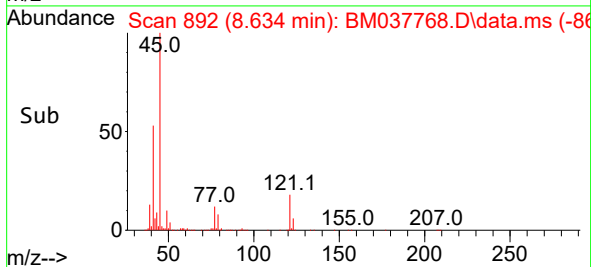
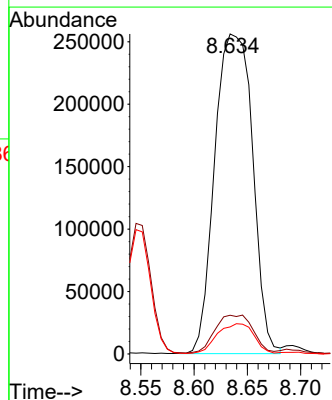
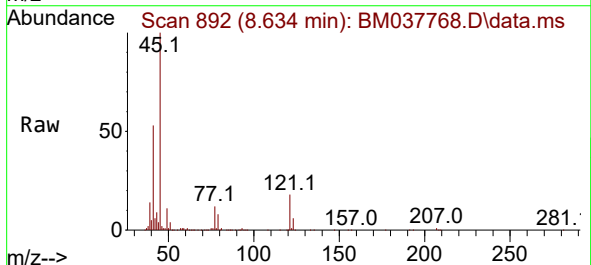
Tgt Ion: 45 Resp: 632437

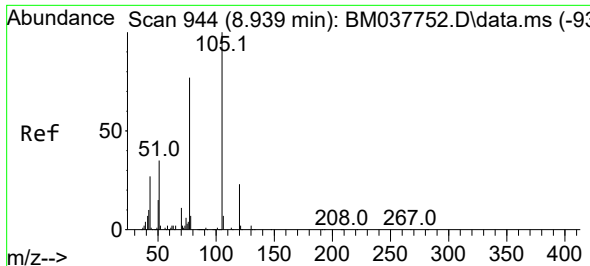
Ion Ratio Lower Upper

45 100

77 12.1 9.4 14.0

79 8.4 7.3 10.9

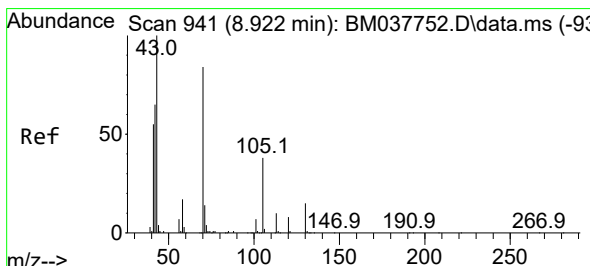
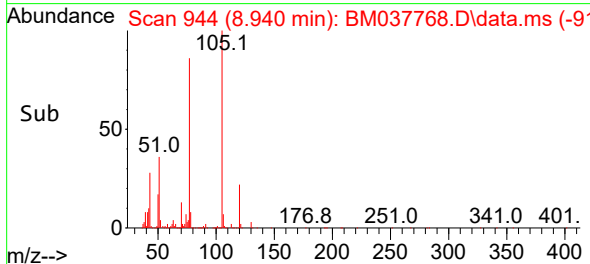
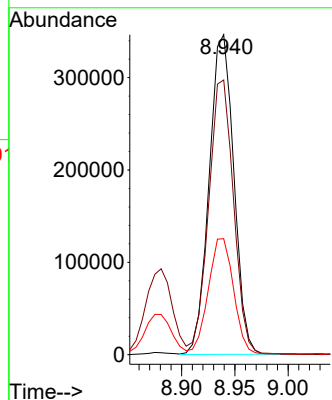
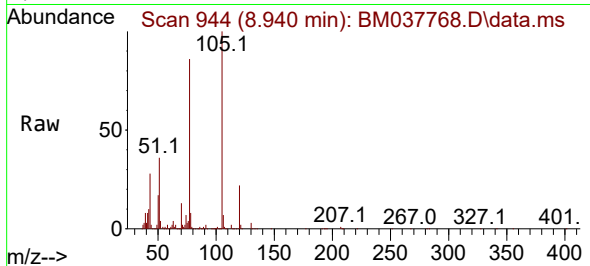




#16
Acetophenone
Concen: 20.885 ng/ul
RT: 8.940 min Scan# 944
Delta R.T. 0.000 min
Lab File: BM037768.D
Acq: 28 Nov 2022 20:20

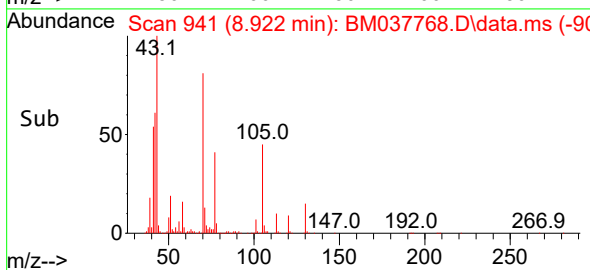
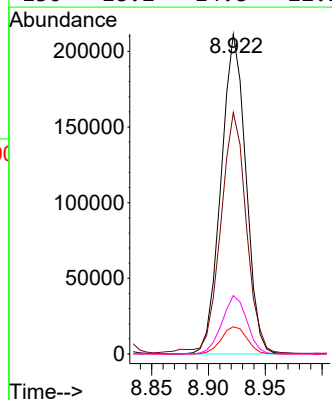
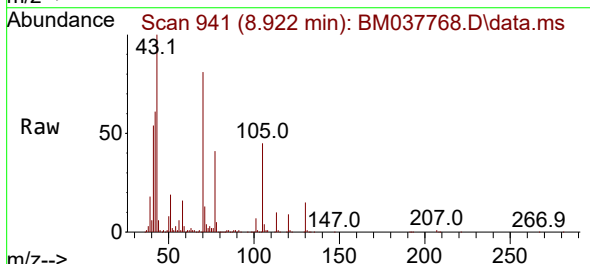
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BNA_M
ClientSampleId :

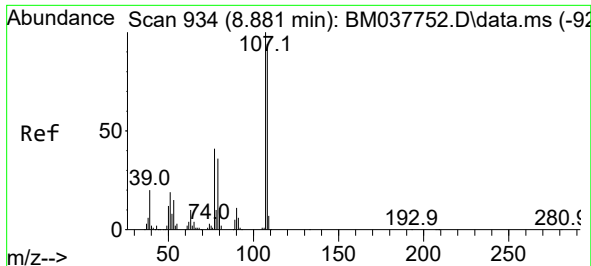
Tgt Ion:105 Resp: 556635
Ion Ratio Lower Upper
105 100
77 85.9 66.6 99.8
51 36.2 27.3 40.9



#17
N-Nitroso-di-n-propylamine
Concen: 20.575 ng/ul
RT: 8.922 min Scan# 941
Delta R.T. 0.000 min
Lab File: BM037768.D
Acq: 28 Nov 2022 20:20

Tgt Ion: 70 Resp: 321399
Ion Ratio Lower Upper
70 100
42 75.4 57.1 85.7
101 8.5 7.0 10.6
130 18.2 14.8 22.2

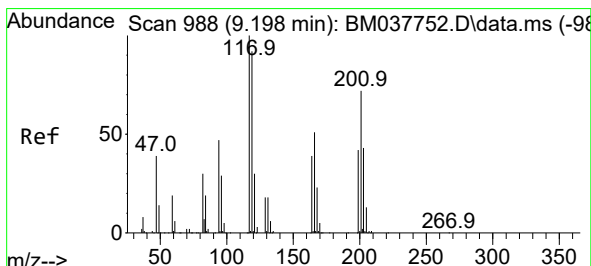
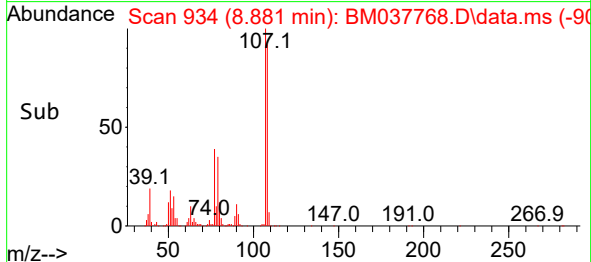
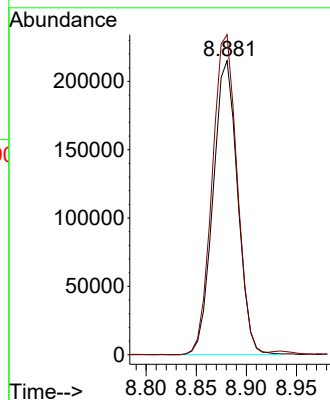
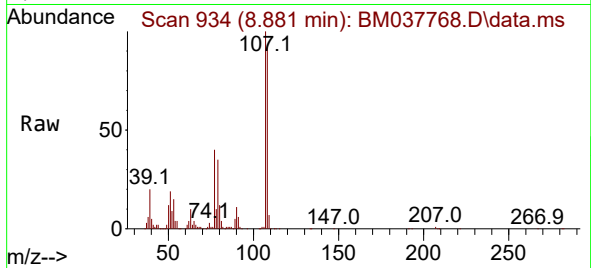




#18
4-Methylphenol
Concen: 20.374 ng/ul
RT: 8.881 min Scan# 911
Delta R.T. 0.000 min
Lab File: BM037768.D
Acq: 28 Nov 2022 20:20

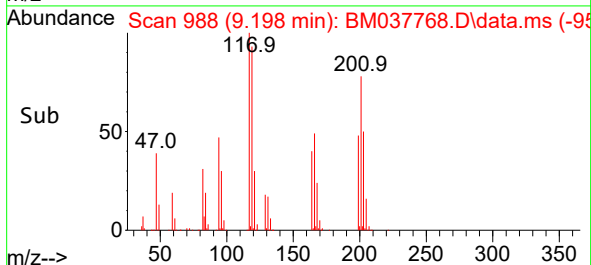
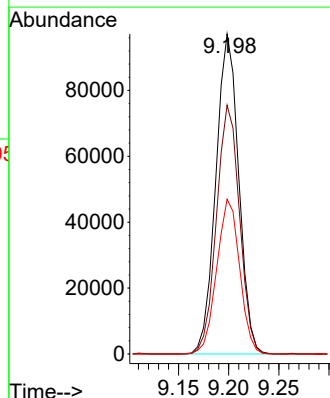
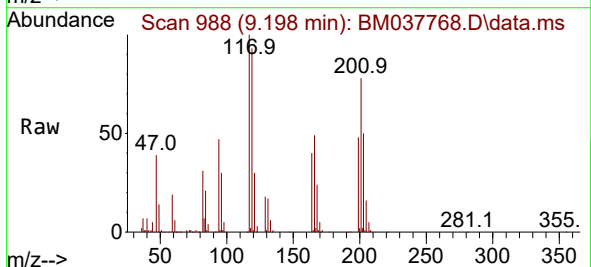
Instrument :
BNA_M
ClientSampleId :

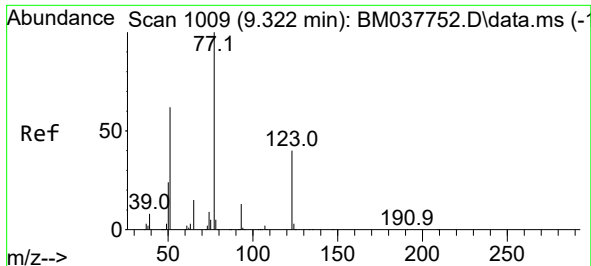
Tgt Ion:108 Resp: 366225
Ion Ratio Lower Upper
108 100
107 108.9 90.4 135.6



#19
Hexachloroethane
Concen: 23.045 ng/ul
RT: 9.198 min Scan# 988
Delta R.T. 0.000 min
Lab File: BM037768.D
Acq: 28 Nov 2022 20:20

Tgt Ion:117 Resp: 153934
Ion Ratio Lower Upper
117 100
201 77.7 60.4 90.6
199 48.3 38.1 57.1

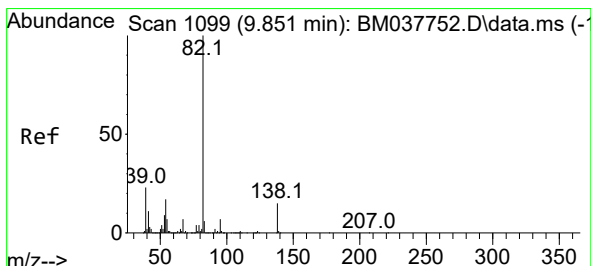
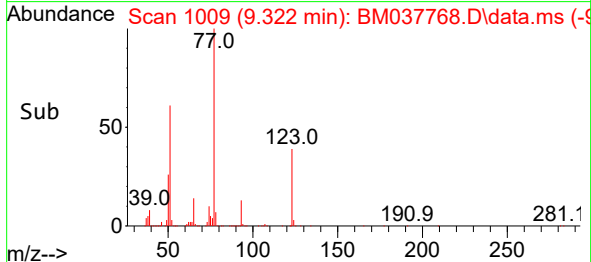
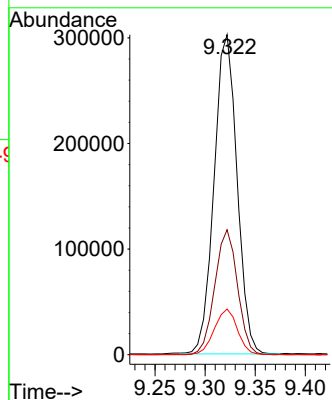
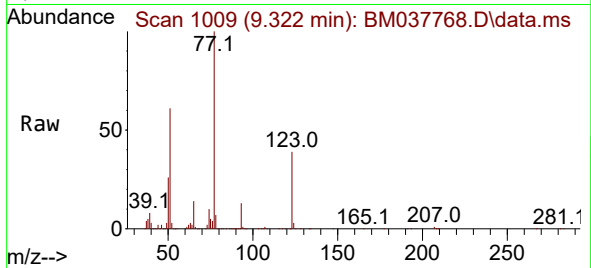




#22
Nitrobenzene
Concen: 22.833 ng/ul
RT: 9.322 min Scan# 1009
Delta R.T. 0.000 min
Lab File: BM037768.D
Acq: 28 Nov 2022 20:20

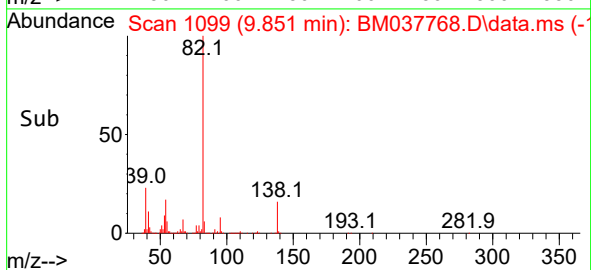
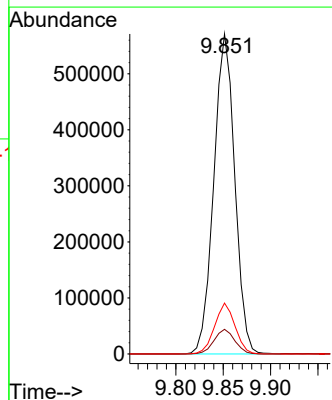
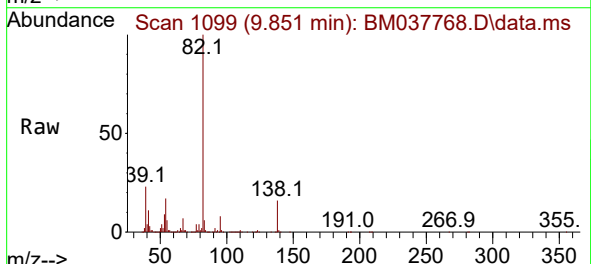
Instrument :
BNA_M
ClientSampleId :

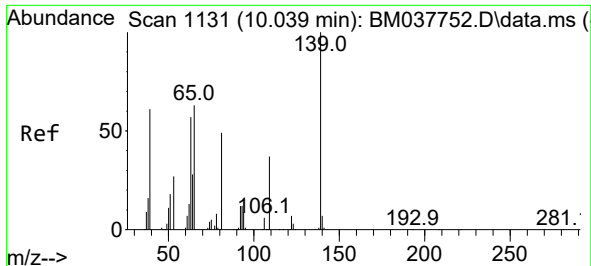
Tgt Ion: 77 Resp: 480290
Ion Ratio Lower Upper
77 100
123 39.0 32.4 48.6
65 14.2 11.4 17.0



#23
Isophorone
Concen: 20.718 ng/ul
RT: 9.851 min Scan# 1099
Delta R.T. 0.000 min
Lab File: BM037768.D
Acq: 28 Nov 2022 20:20

Tgt Ion: 82 Resp: 878355
Ion Ratio Lower Upper
82 100
95 7.7 5.3 7.9
138 15.9 12.5 18.7

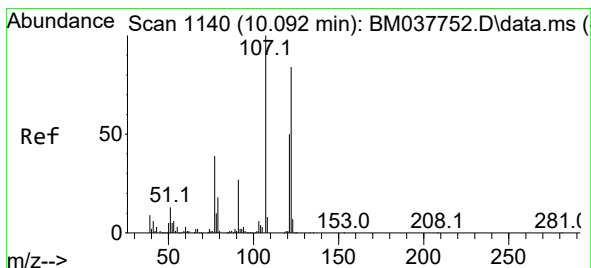
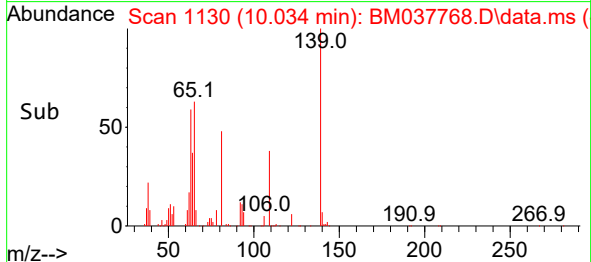
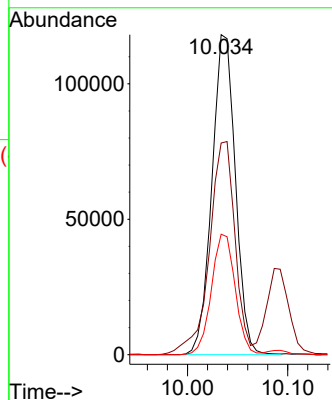
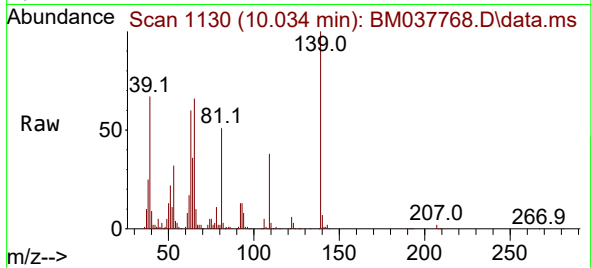




#25
2-Nitrophenol
Concen: 22.398 ng/ul
RT: 10.034 min Scan# 1131
Delta R.T. -0.006 min
Lab File: BM037768.D
Acq: 28 Nov 2022 20:20

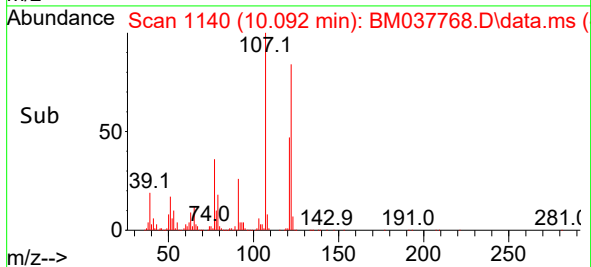
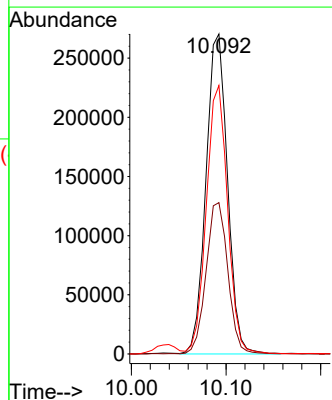
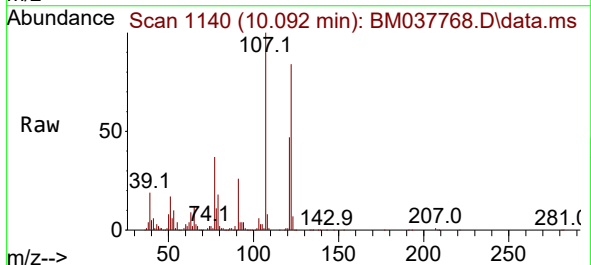
Instrument :
BNA_M
ClientSampleId :

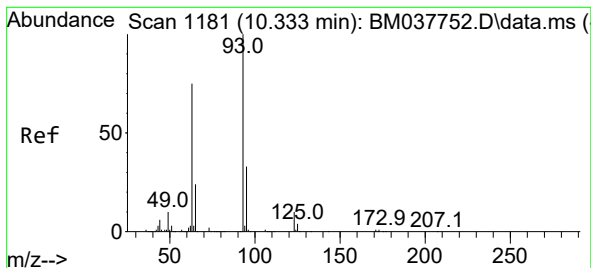
Tgt Ion:139 Resp: 192568
Ion Ratio Lower Upper
139 100
65 66.1 49.6 74.4
109 37.6 25.8 38.6



#26
2,4-Dimethylphenol
Concen: 22.623 ng/ul
RT: 10.092 min Scan# 1140
Delta R.T. 0.000 min
Lab File: BM037768.D
Acq: 28 Nov 2022 20:20

Tgt Ion:107 Resp: 427157
Ion Ratio Lower Upper
107 100
121 47.3 39.6 59.4
122 83.9 69.0 103.6

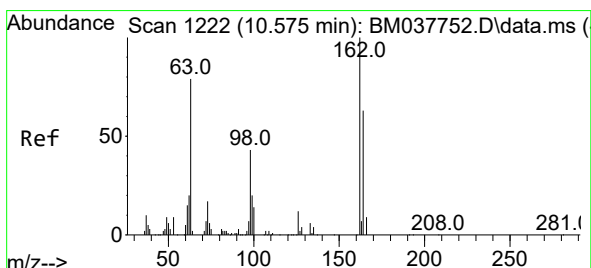
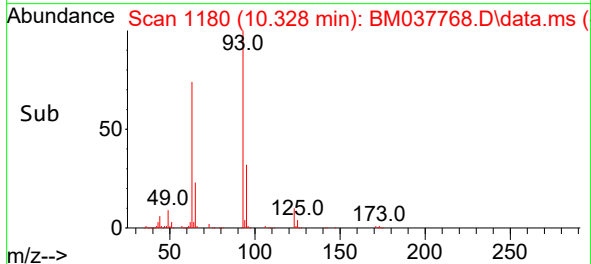
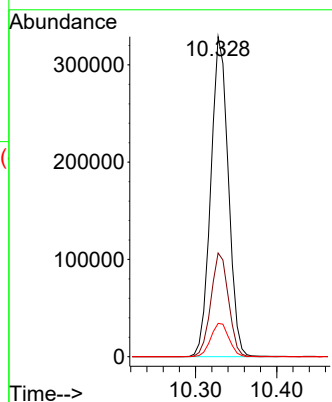
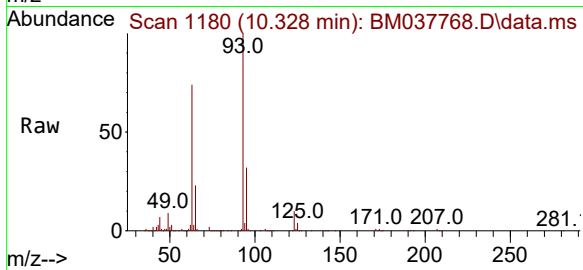




#27
 Bis(2-Chloroethoxy)methane
 Concen: 20.287 ng/ul
 RT: 10.328 min Scan# 1180
 Delta R.T. -0.006 min
 Lab File: BM037768.D
 Acq: 28 Nov 2022 20:20

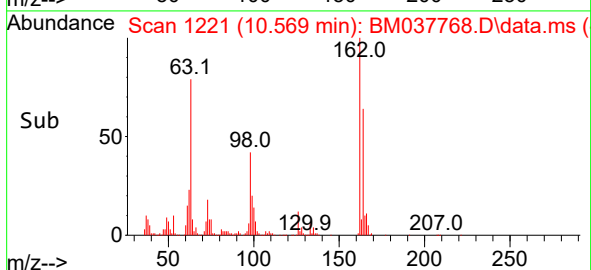
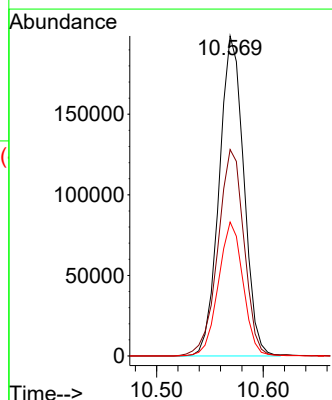
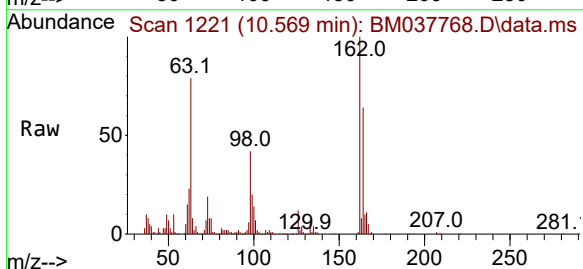
Instrument :
 BNA_M
 ClientSampleId :

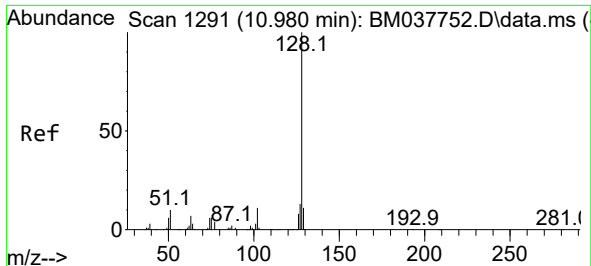
Tgt Ion: 93 Resp: 493394
 Ion Ratio Lower Upper
 93 100
 95 32.4 26.4 39.6
 123 10.4 8.6 13.0



#29
 2,4-Dichlorophenol
 Concen: 22.385 ng/ul
 RT: 10.569 min Scan# 1221
 Delta R.T. -0.006 min
 Lab File: BM037768.D
 Acq: 28 Nov 2022 20:20

Tgt Ion:162 Resp: 318578
 Ion Ratio Lower Upper
 162 100
 164 64.5 52.6 79.0
 98 41.8 33.6 50.4

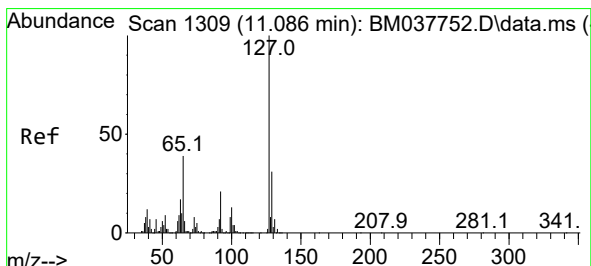
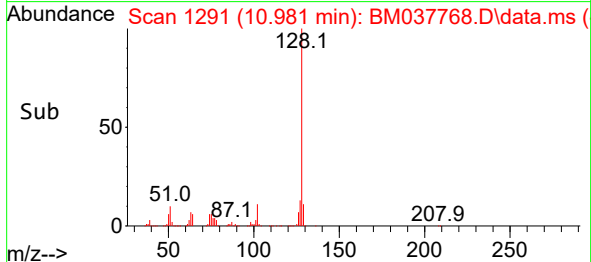
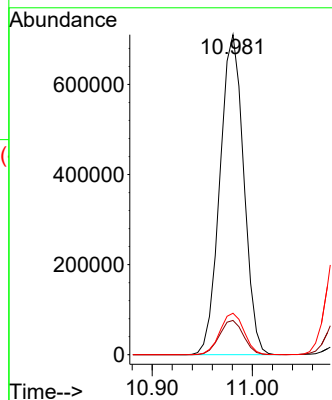
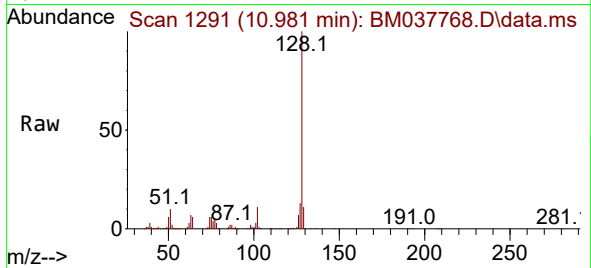




#30
Naphthalene
Concen: 21.783 ng/ul
RT: 10.981 min Scan# 1291
Delta R.T. 0.000 min
Lab File: BM037768.D
Acq: 28 Nov 2022 20:20

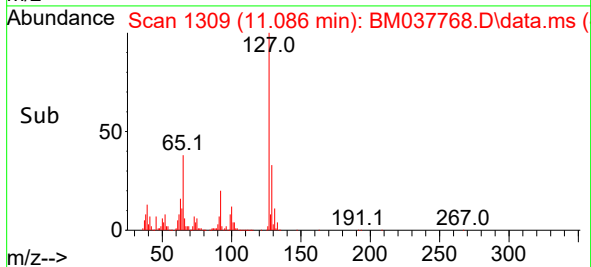
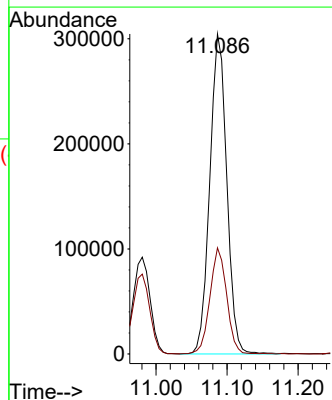
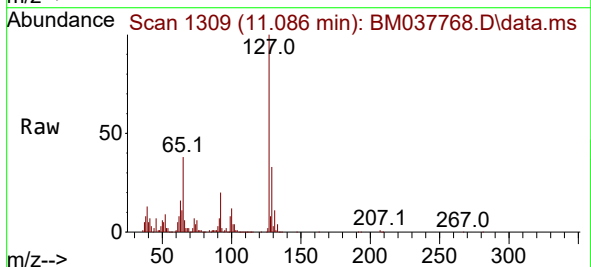
Instrument :
BNA_M
ClientSampleId :

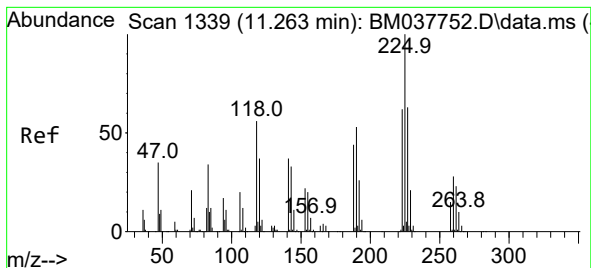
Tgt Ion:128 Resp: 1172071
Ion Ratio Lower Upper
128 100
129 10.7 8.6 12.8
127 13.0 10.4 15.6



#32
4-Chloroaniline
Concen: 21.056 ng/ul
RT: 11.086 min Scan# 1309
Delta R.T. 0.000 min
Lab File: BM037768.D
Acq: 28 Nov 2022 20:20

Tgt Ion:127 Resp: 506525
Ion Ratio Lower Upper
127 100
129 33.1 26.1 39.1





#33

Hexachlorobutadiene

Concen: 25.119 ng/ul

RT: 11.263 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM037768.D

Acq: 28 Nov 2022 20:20

Instrument :

BNA_M

ClientSampleId :

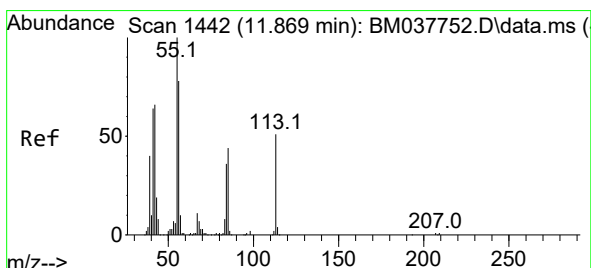
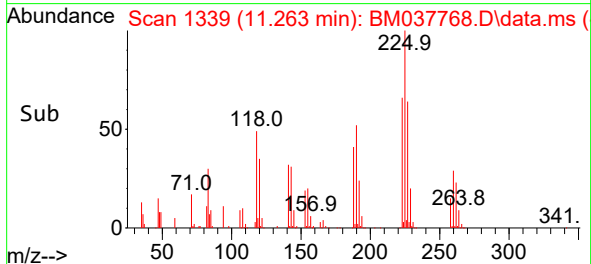
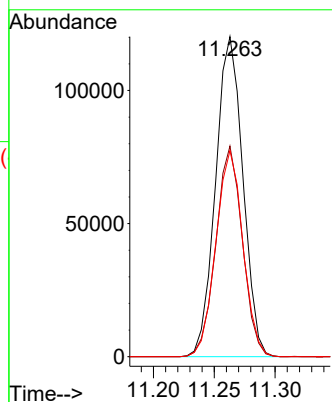
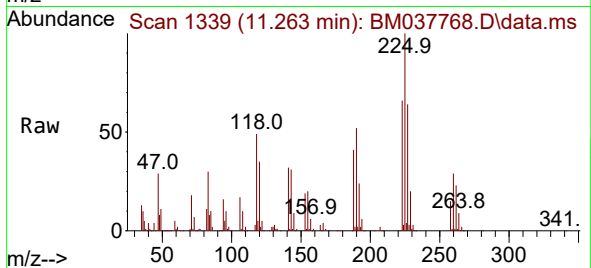
Tgt Ion:225 Resp: 187659

Ion Ratio Lower Upper

225 100

223 65.8 51.1 76.7

227 64.4 50.7 76.1



#34

Caprolactam

Concen: 19.164 ng/ul

RT: 11.869 min Scan# 1442

Delta R.T. 0.000 min

Lab File: BM037768.D

Acq: 28 Nov 2022 20:20

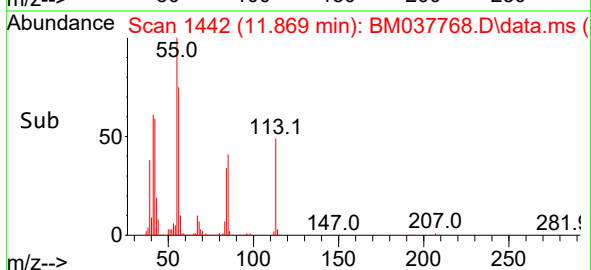
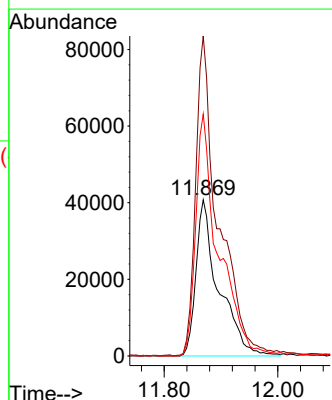
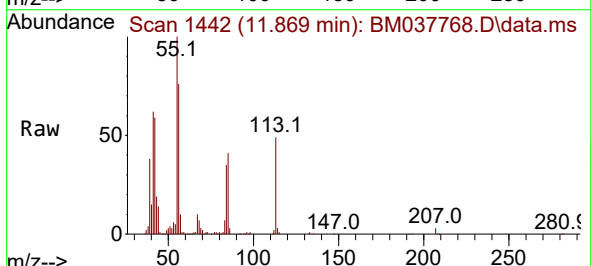
Tgt Ion:113 Resp: 113589

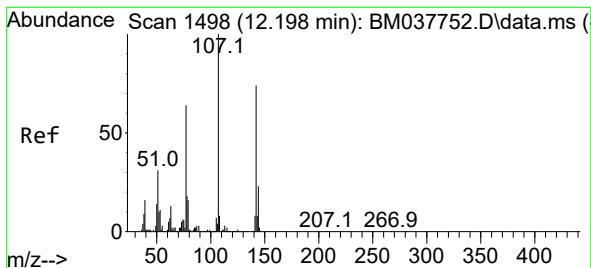
Ion Ratio Lower Upper

113 100

55 204.8 163.3 244.9

56 154.8 120.3 180.5

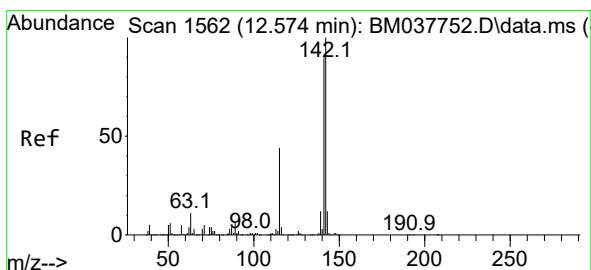
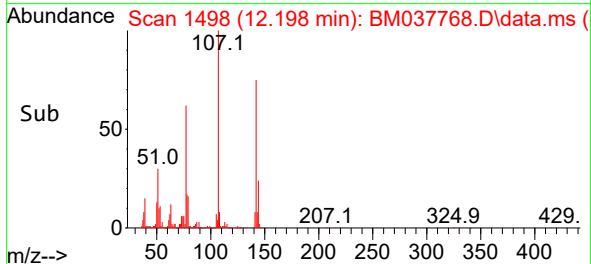
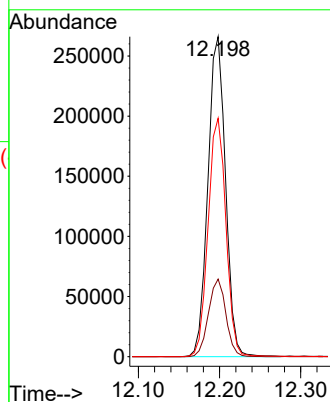
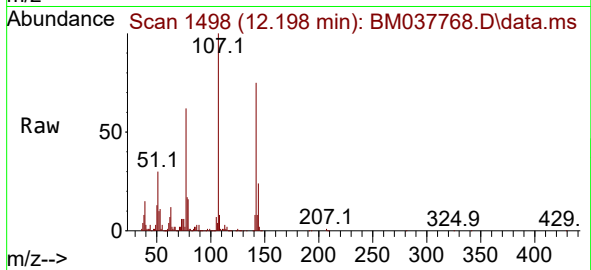




#35
4-Chloro-3-methylphenol
Concen: 22.035 ng/ul
RT: 12.198 min Scan# 1498
Delta R.T. 0.000 min
Lab File: BM037768.D
Acq: 28 Nov 2022 20:20

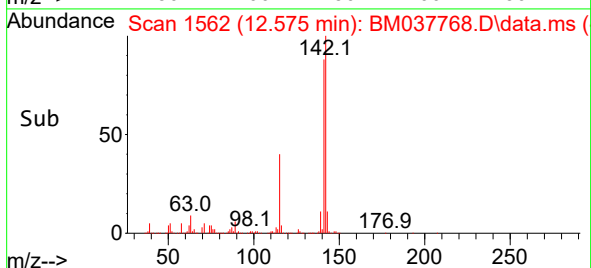
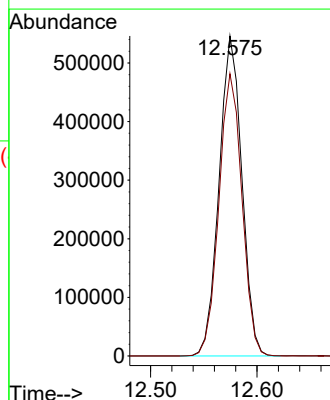
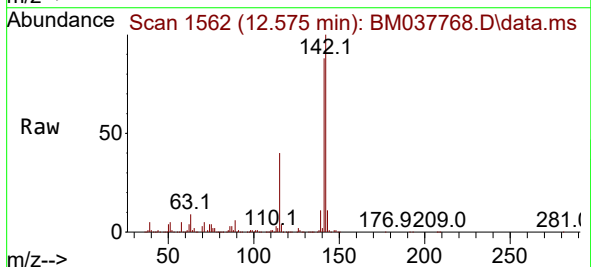
Instrument :
BNA_M
ClientSampleId :

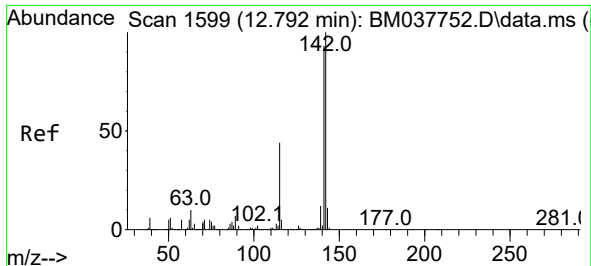
Tgt Ion:107 Resp: 400867
Ion Ratio Lower Upper
107 100
144 24.2 20.2 30.4
142 74.5 62.6 93.8



#36
2-Methylnaphthalene
Concen: 21.701 ng/ul
RT: 12.575 min Scan# 1562
Delta R.T. 0.000 min
Lab File: BM037768.D
Acq: 28 Nov 2022 20:20

Tgt Ion:142 Resp: 811120
Ion Ratio Lower Upper
142 100
141 88.2 72.2 108.4





#37

1-Methylnaphthalene

Concen: 21.666 ng/ul

RT: 12.792 min Scan# 1

Delta R.T. 0.000 min

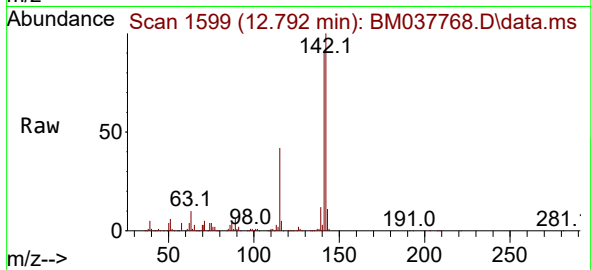
Lab File: BM037768.D

Acq: 28 Nov 2022 20:20

Instrument :

BNA_M

ClientSampleId :



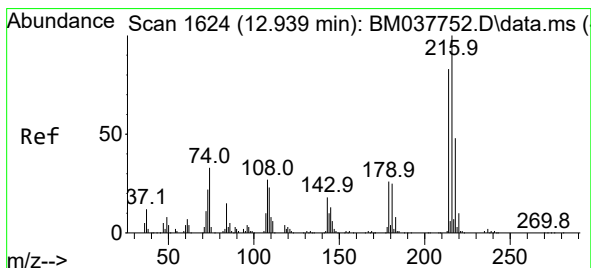
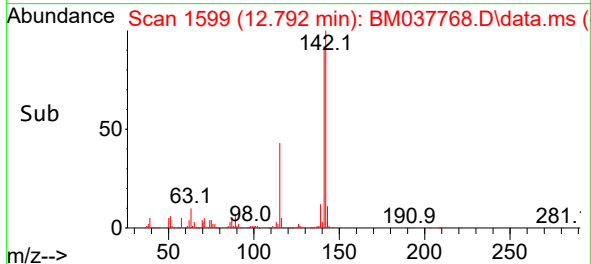
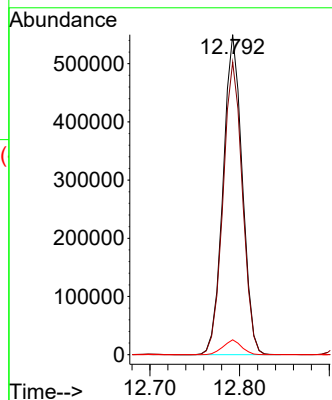
Tgt Ion:142 Resp: 814700

Ion Ratio Lower Upper

142 100

141 91.4 73.3 109.9

116 4.7 3.2 4.8



#39

1,2,4,5-Tetrachlorobenzene

Concen: 22.785 ng/ul

RT: 12.939 min Scan# 1624

Delta R.T. 0.000 min

Lab File: BM037768.D

Acq: 28 Nov 2022 20:20

Tgt Ion:216 Resp: 352211

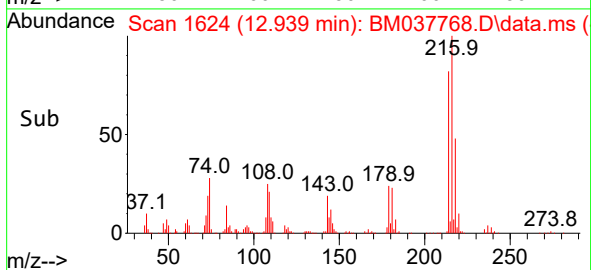
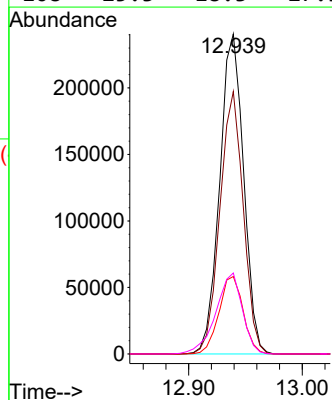
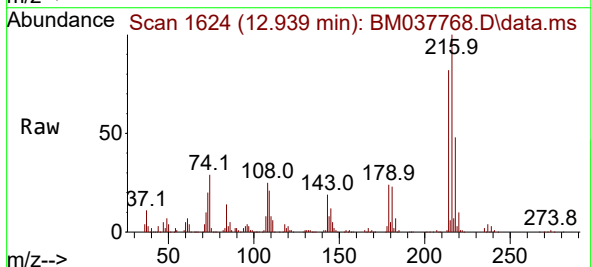
Ion Ratio Lower Upper

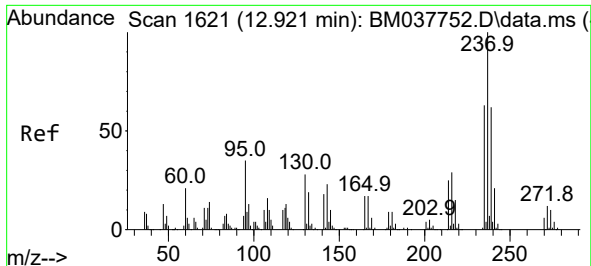
216 100

214 82.0 60.2 90.4

179 24.2 18.6 27.8

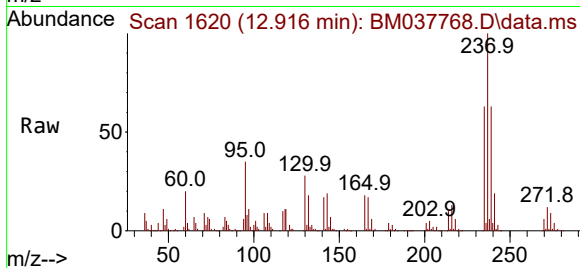
108 25.3 18.3 27.5



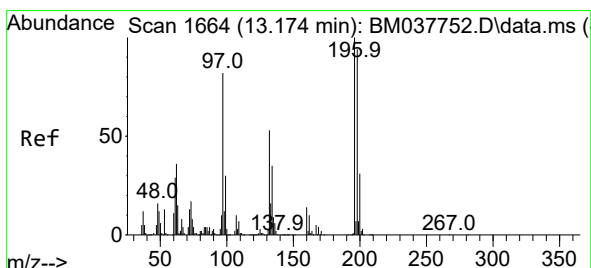
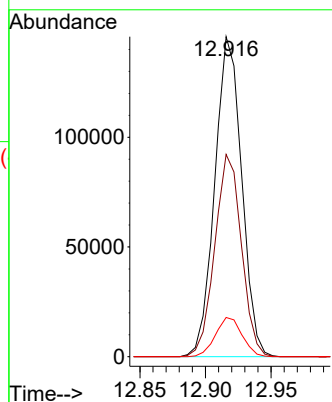
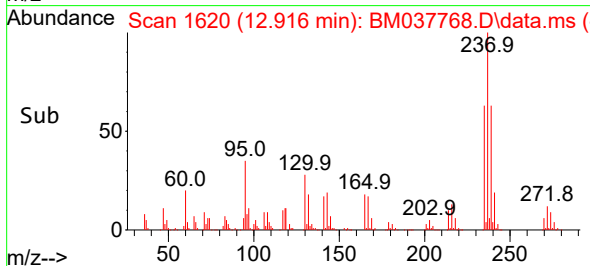


#40
Hexachlorocyclopentadiene
Concen: 21.597 ng/ul
RT: 12.916 min Scan# 1620
Delta R.T. -0.006 min
Lab File: BM037768.D
Acq: 28 Nov 2022 20:20

Instrument :
BNA_M
ClientSampleId :

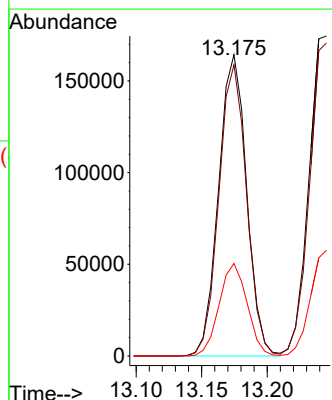
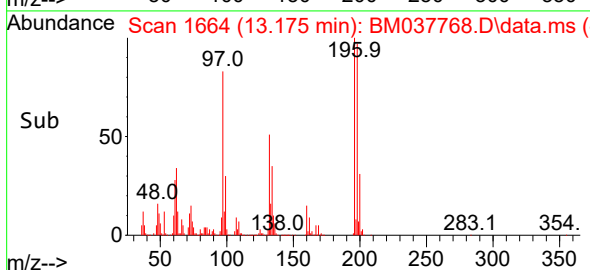
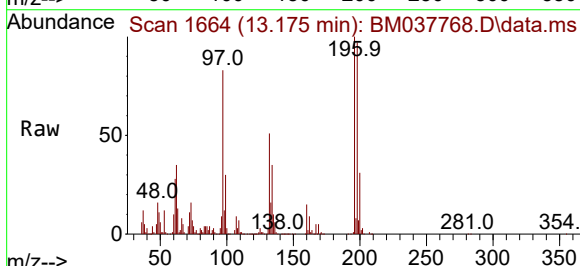


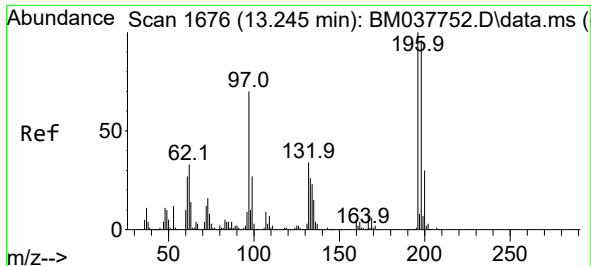
Tgt Ion:237 Resp: 207892
Ion Ratio Lower Upper
237 100
235 63.2 49.1 73.7
272 12.8 9.5 14.3



#41
2,4,6-Trichlorophenol
Concen: 21.952 ng/ul
RT: 13.175 min Scan# 1664
Delta R.T. 0.000 min
Lab File: BM037768.D
Acq: 28 Nov 2022 20:20

Tgt Ion:196 Resp: 244347
Ion Ratio Lower Upper
196 100
198 96.6 76.9 115.3
200 30.7 24.1 36.1

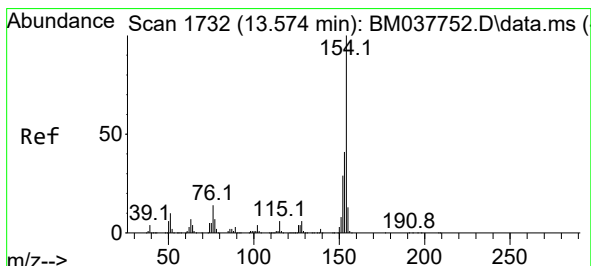
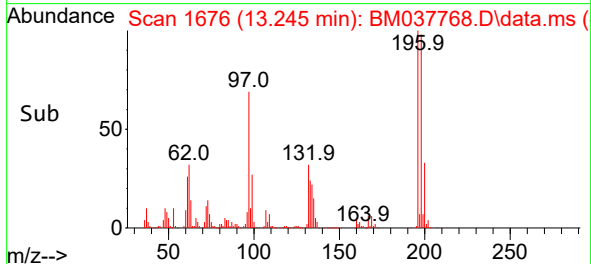
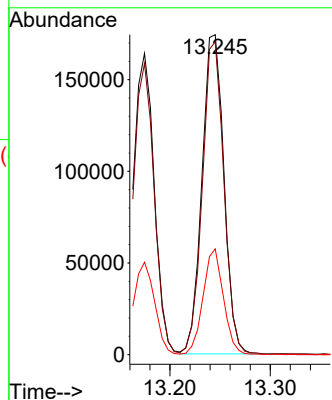
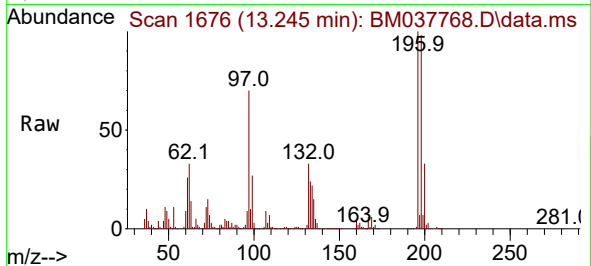




#42
2,4,5-Trichlorophenol
Concen: 22.313 ng/ul
RT: 13.245 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM037768.D
Acq: 28 Nov 2022 20:20

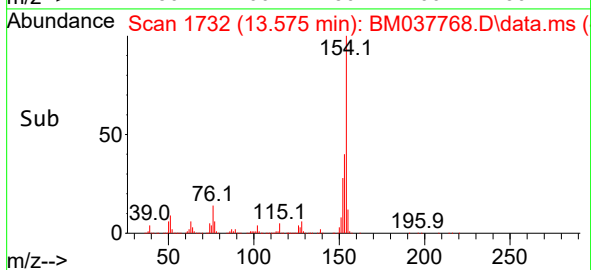
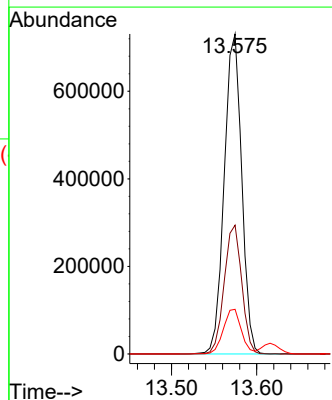
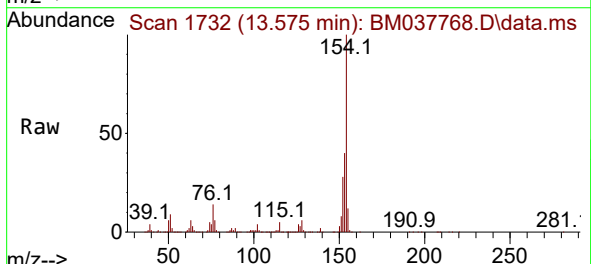
Instrument :
BNA_M
ClientSampleId :

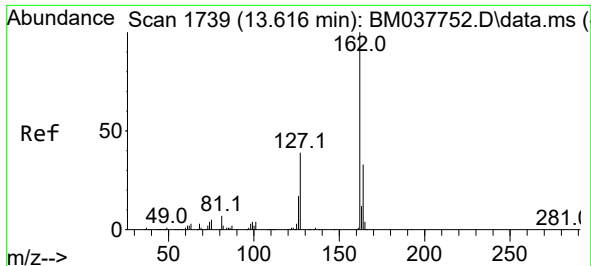
Tgt Ion:196 Resp: 265745
Ion Ratio Lower Upper
196 100
198 97.8 75.4 113.2
200 33.1 23.7 35.5



#43
1,1'-Biphenyl
Concen: 21.787 ng/ul
RT: 13.575 min Scan# 1732
Delta R.T. 0.000 min
Lab File: BM037768.D
Acq: 28 Nov 2022 20:20

Tgt Ion:154 Resp: 1041544
Ion Ratio Lower Upper
154 100
153 40.3 32.1 48.1
76 13.9 12.4 18.6

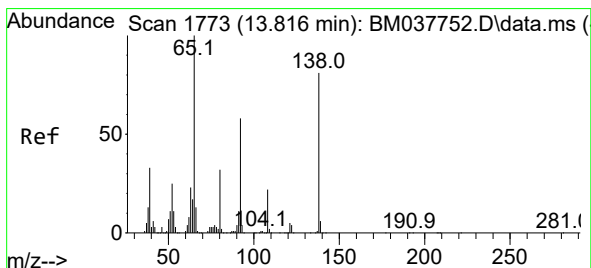
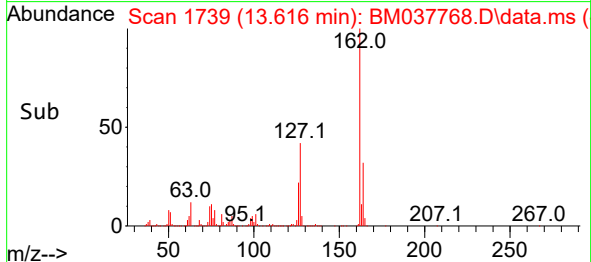
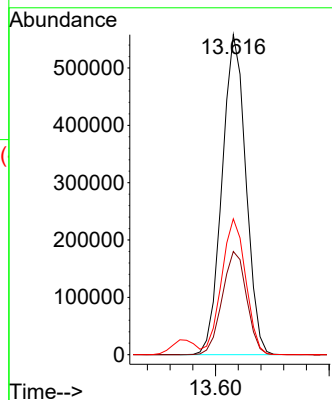
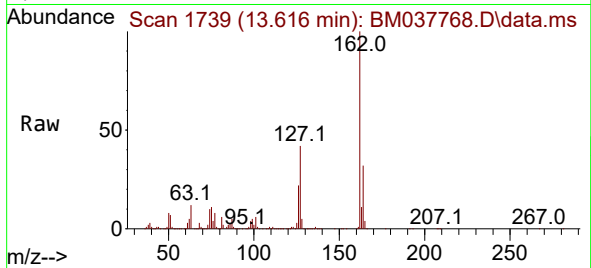




#44
2-Chloronaphthalene
Concen: 21.893 ng/ul
RT: 13.616 min Scan# 1739
Delta R.T. 0.000 min
Lab File: BM037768.D
Acq: 28 Nov 2022 20:20

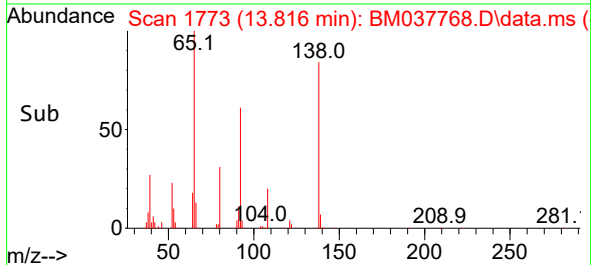
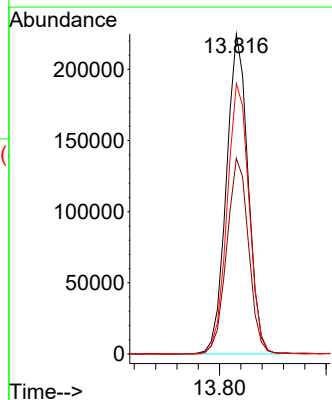
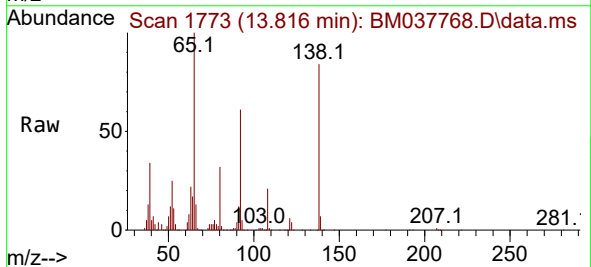
Instrument :
BNA_M
ClientSampleId :

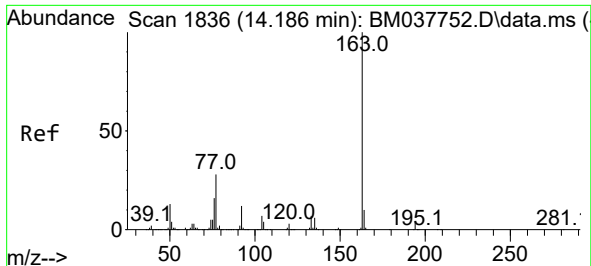
Tgt Ion:162 Resp: 813469
Ion Ratio Lower Upper
162 100
164 32.3 26.5 39.7
127 42.4 32.4 48.6



#45
2-Nitroaniline
Concen: 22.564 ng/ul
RT: 13.816 min Scan# 1773
Delta R.T. 0.000 min
Lab File: BM037768.D
Acq: 28 Nov 2022 20:20

Tgt Ion: 65 Resp: 317860
Ion Ratio Lower Upper
65 100
92 61.2 48.6 73.0
138 84.4 67.0 100.4

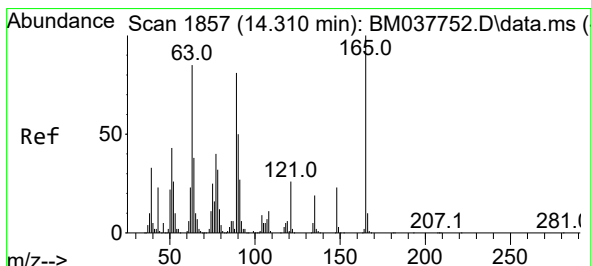
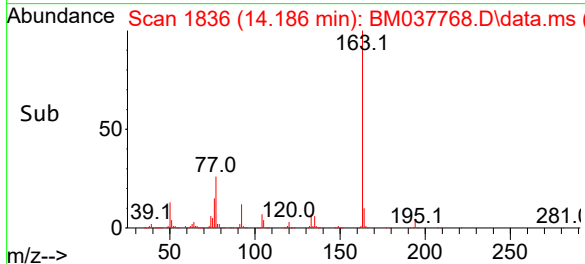
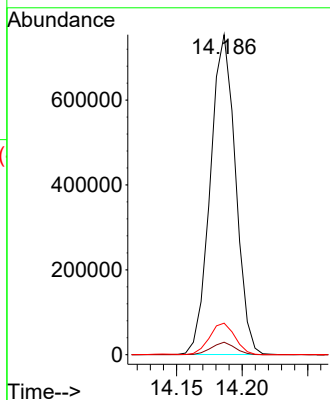
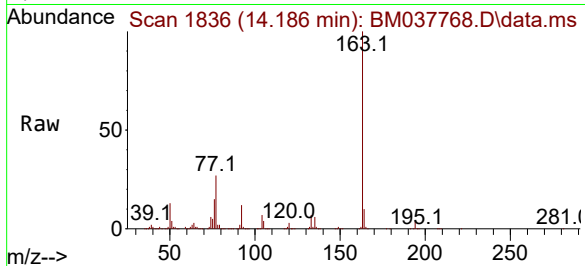




#47
Dimethylphthalate
Concen: 21.236 ng/ul
RT: 14.186 min Scan# 1836
Delta R.T. 0.000 min
Lab File: BM037768.D
Acq: 28 Nov 2022 20:20

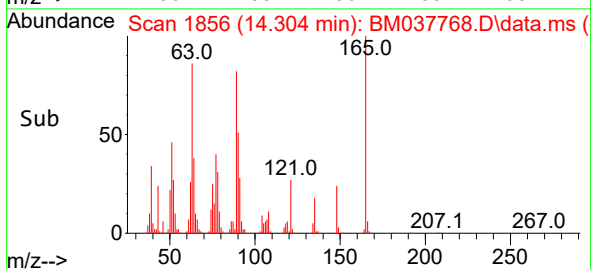
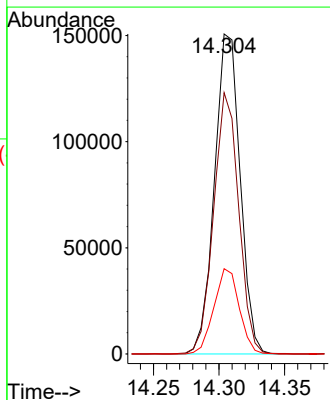
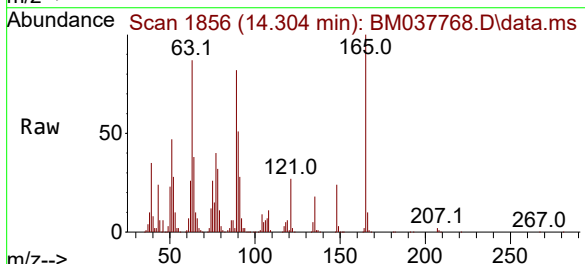
Instrument :
BNA_M
ClientSampleId :

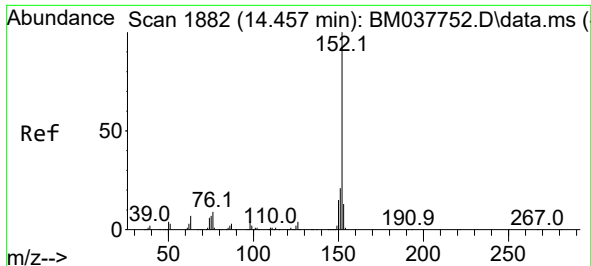
Tgt Ion:163 Resp: 1006587
Ion Ratio Lower Upper
163 100
194 3.9 2.9 4.3
164 9.9 8.2 12.2



#48
2,6-Dinitrotoluene
Concen: 22.432 ng/ul
RT: 14.304 min Scan# 1856
Delta R.T. -0.006 min
Lab File: BM037768.D
Acq: 28 Nov 2022 20:20

Tgt Ion:165 Resp: 205311
Ion Ratio Lower Upper
165 100
89 81.7 56.4 84.6
121 26.7 18.9 28.3

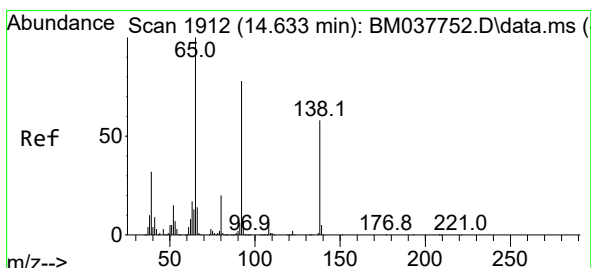
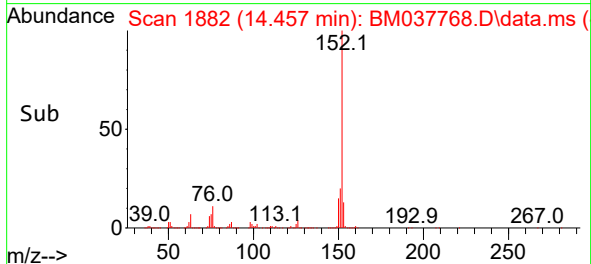
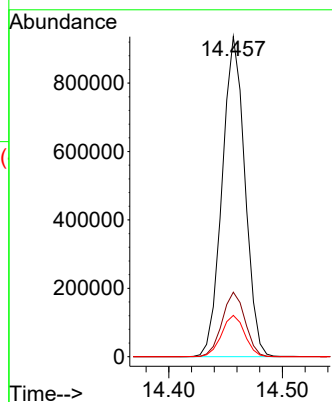
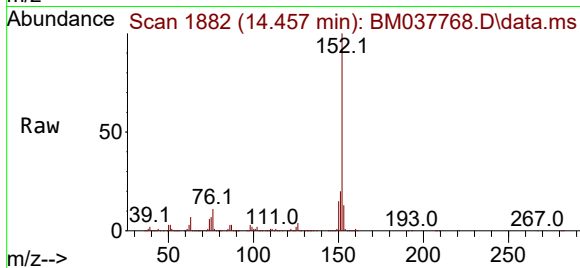




#50
Acenaphthylene
Concen: 21.915 ng/ul
RT: 14.457 min Scan# 1882
Delta R.T. 0.000 min
Lab File: BM037768.D
Acq: 28 Nov 2022 20:20

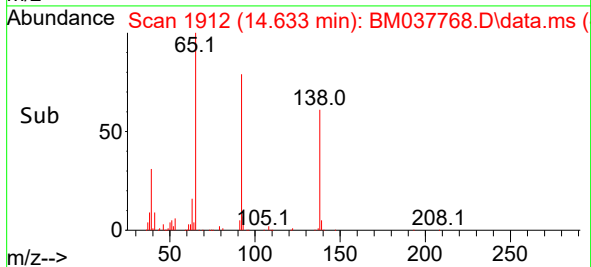
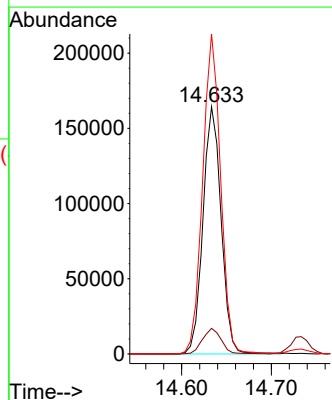
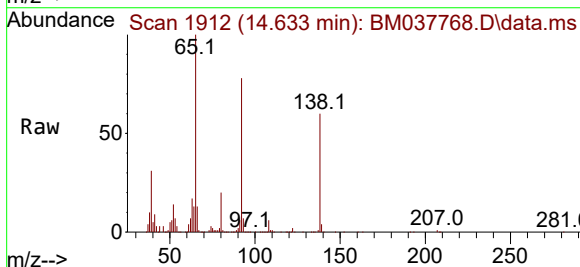
Instrument :
BNA_M
ClientSampleId :

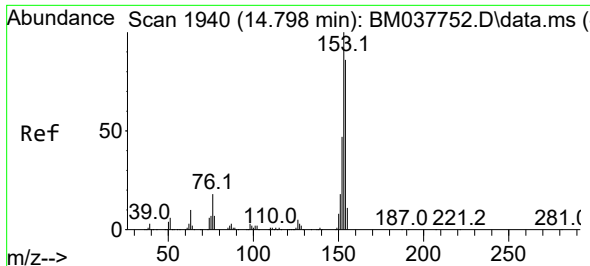
Tgt Ion:152 Resp: 1303803
Ion Ratio Lower Upper
152 100
151 20.2 16.3 24.5
153 12.9 10.3 15.5



#51
3-Nitroaniline
Concen: 20.770 ng/ul
RT: 14.633 min Scan# 1912
Delta R.T. 0.000 min
Lab File: BM037768.D
Acq: 28 Nov 2022 20:20

Tgt Ion:138 Resp: 230674
Ion Ratio Lower Upper
138 100
108 10.4 8.4 12.6
92 129.4 104.0 156.0

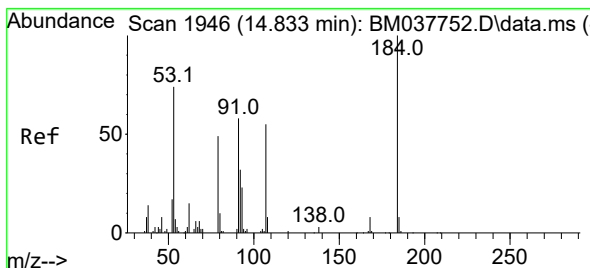
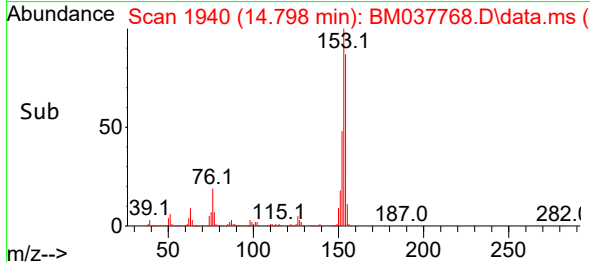
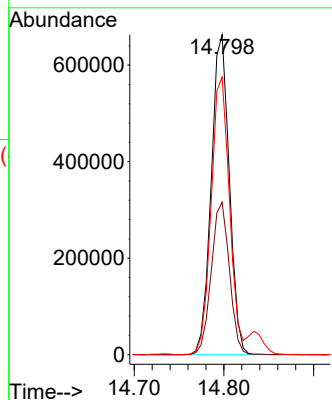
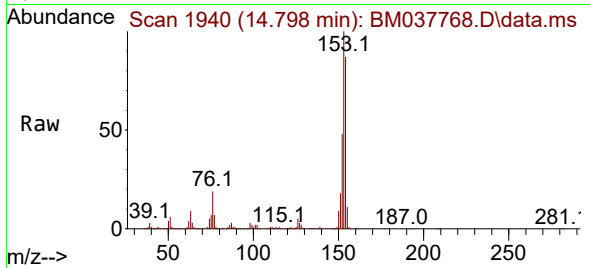




#52
Acenaphthene
Concen: 21.767 ng/ul
RT: 14.798 min Scan# 1940
Delta R.T. 0.000 min
Lab File: BM037768.D
Acq: 28 Nov 2022 20:20

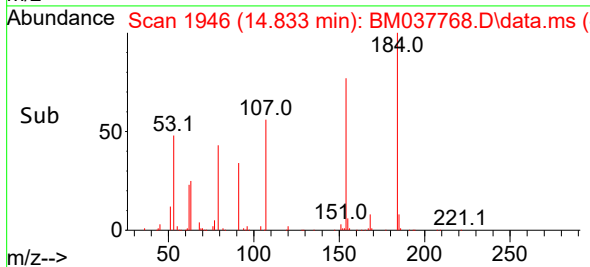
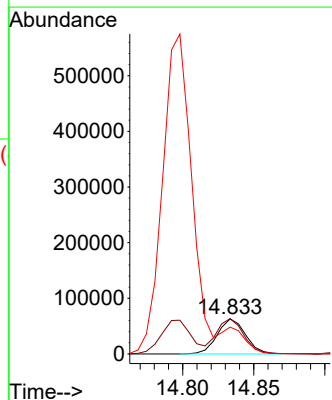
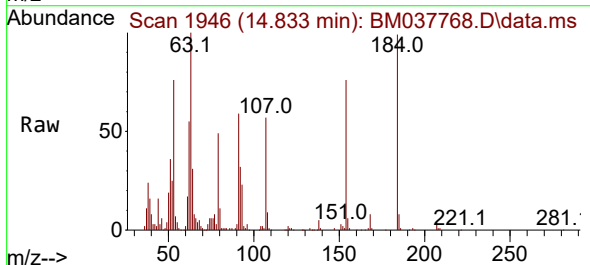
Instrument :
BNA_M
ClientSampleId :

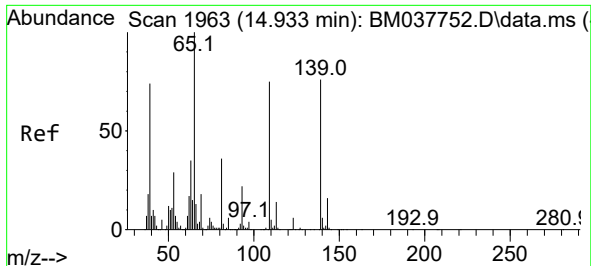
Tgt Ion:153 Resp: 926166
Ion Ratio Lower Upper
153 100
152 47.7 38.4 57.6
154 86.7 70.7 106.1



#53
2,4-Dinitrophenol
Concen: 16.177 ng/ul
RT: 14.833 min Scan# 1946
Delta R.T. 0.000 min
Lab File: BM037768.D
Acq: 28 Nov 2022 20:20

Tgt Ion:184 Resp: 86871
Ion Ratio Lower Upper
184 100
63 100.8 74.9 112.3
154 76.7 57.8 86.6

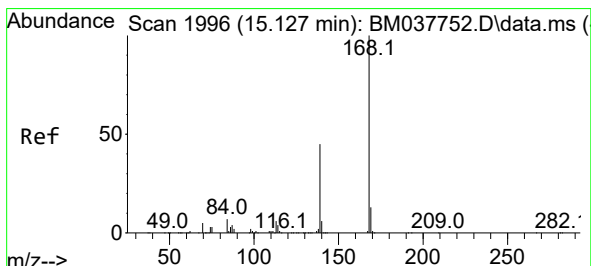
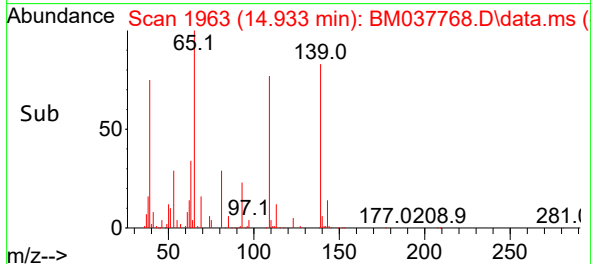
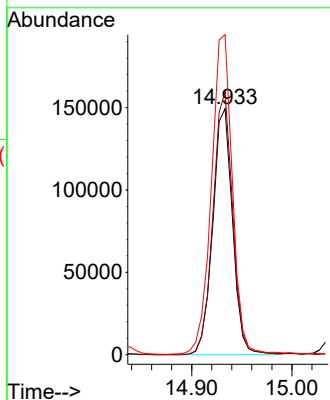
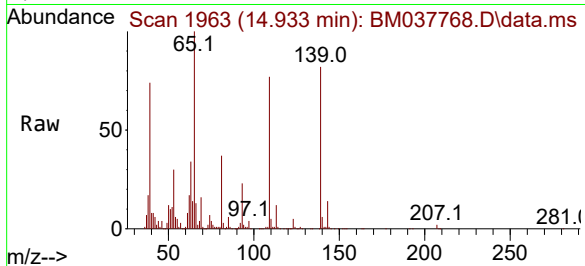




#55
4-Nitrophenol
Concen: 23.245 ng/ul
RT: 14.933 min Scan# 1963
Delta R.T. 0.000 min
Lab File: BM037768.D
Acq: 28 Nov 2022 20:20

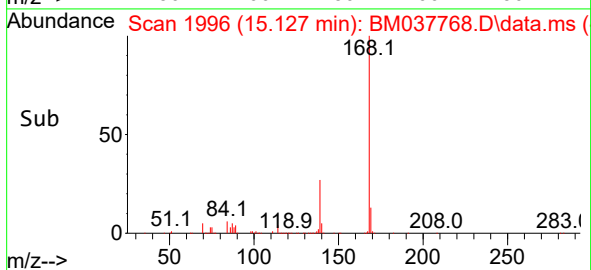
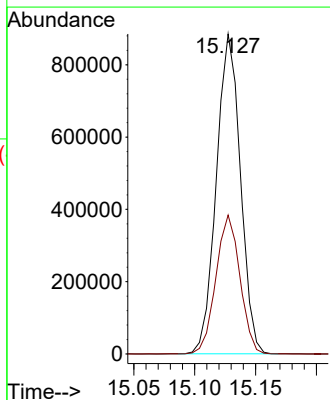
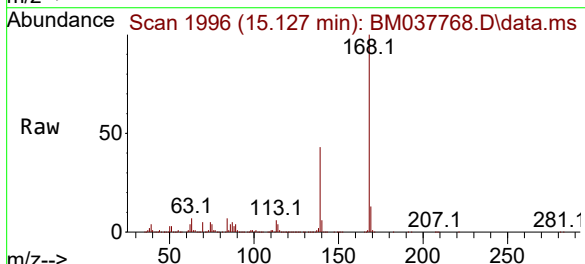
Instrument :
BNA_M
ClientSampleId :

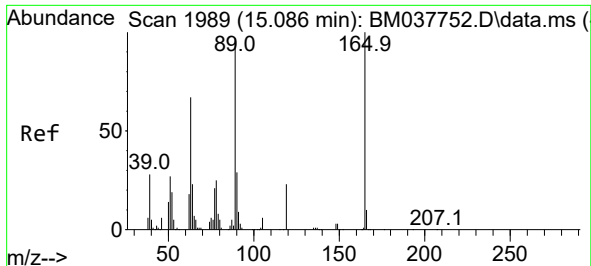
Tgt Ion:109 Resp: 204605
Ion Ratio Lower Upper
109 100
139 106.7 102.4 153.6
65 130.0 119.6 179.4



#56
Dibenzofuran
Concen: 21.913 ng/ul
RT: 15.127 min Scan# 1996
Delta R.T. 0.000 min
Lab File: BM037768.D
Acq: 28 Nov 2022 20:20

Tgt Ion:168 Resp: 1216917
Ion Ratio Lower Upper
168 100
139 43.4 32.2 48.2





#57

2,4-Dinitrotoluene

Concen: 22.370 ng/ul

RT: 15.086 min Scan# 1989

Delta R.T. 0.000 min

Lab File: BM037768.D

Acq: 28 Nov 2022 20:20

Instrument :

BNA_M

ClientSampleId :

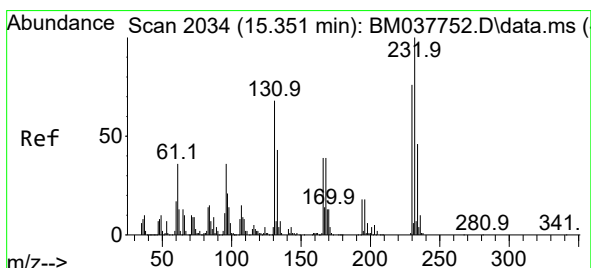
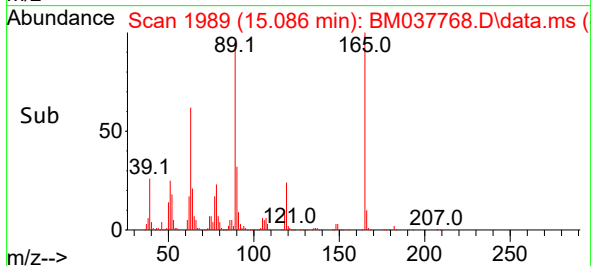
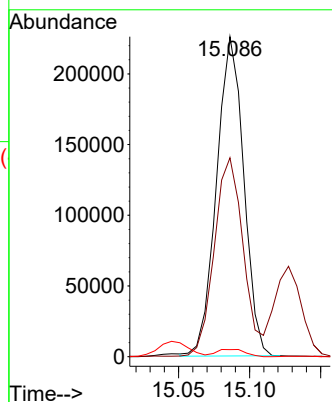
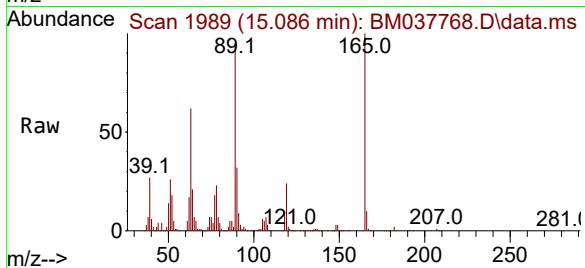
Tgt Ion:165 Resp: 300433

Ion Ratio Lower Upper

165 100

63 62.1 46.6 70.0

182 2.2 1.9 2.9



#58

2,3,4,6-Tetrachlorophenol

Concen: 22.707 ng/ul

RT: 15.351 min Scan# 2034

Delta R.T. 0.000 min

Lab File: BM037768.D

Acq: 28 Nov 2022 20:20

Tgt Ion:232 Resp: 221889

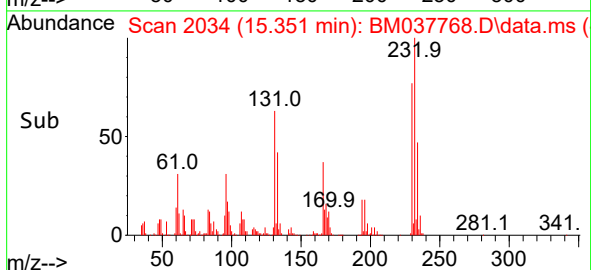
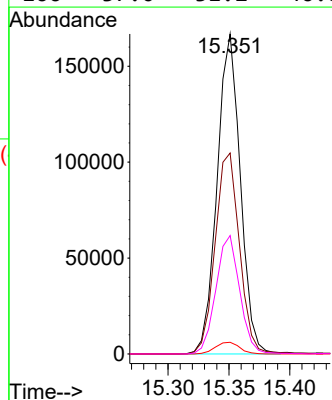
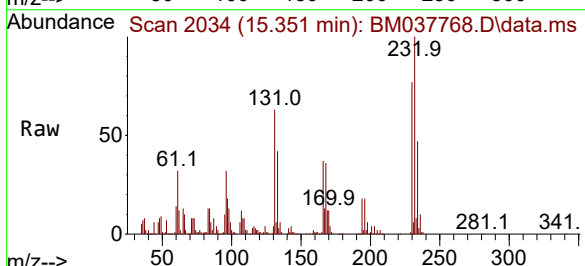
Ion Ratio Lower Upper

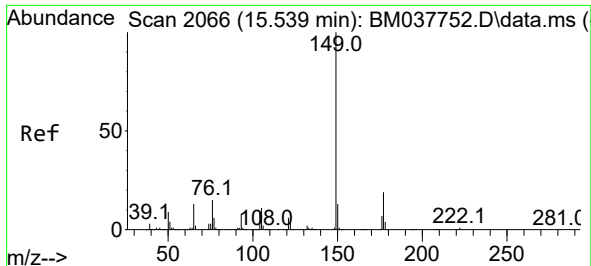
232 100

131 62.8 50.2 75.4

130 3.6 2.8 4.2

166 37.0 31.2 46.8

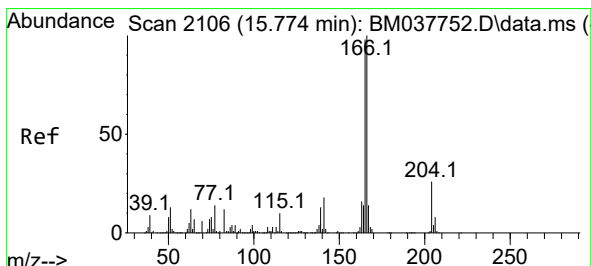
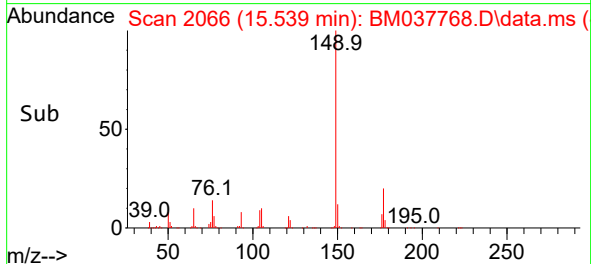
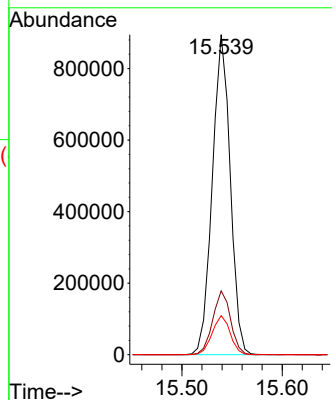
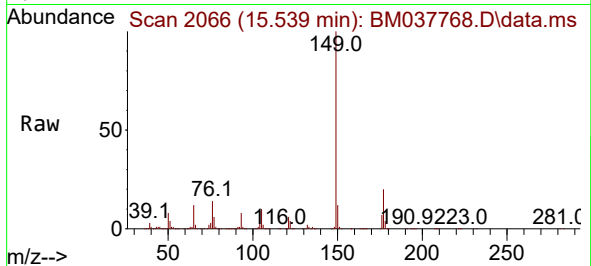




#59
Diethylphthalate
Concen: 21.713 ng/ul
RT: 15.539 min Scan# 2066
Delta R.T. 0.000 min
Lab File: BM037768.D
Acq: 28 Nov 2022 20:20

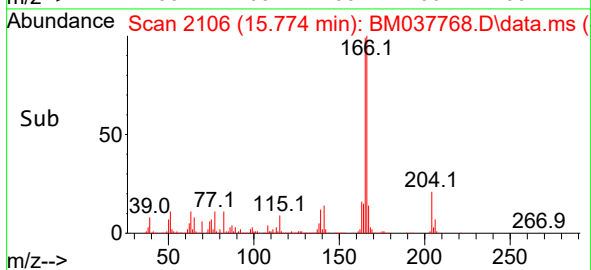
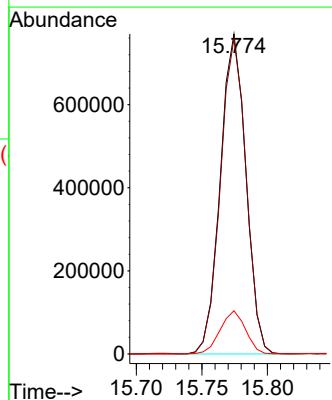
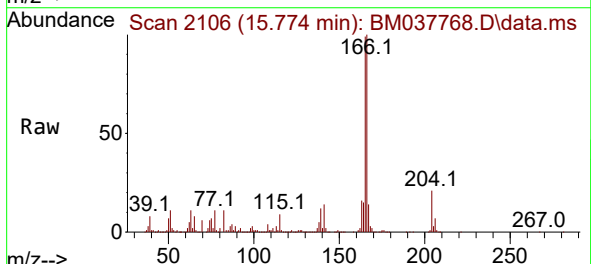
Instrument :
BNA_M
ClientSampleId :

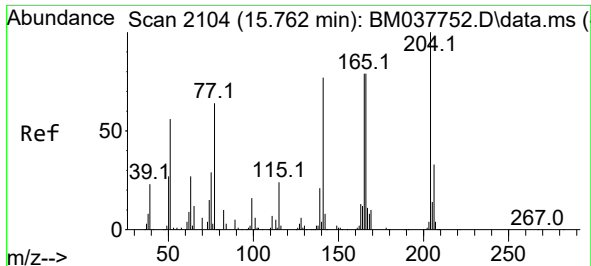
Tgt Ion:149 Resp: 1110800
Ion Ratio Lower Upper
149 100
177 19.9 16.1 24.1
150 12.2 9.4 14.0



#61
Fluorene
Concen: 21.730 ng/ul
RT: 15.774 min Scan# 2106
Delta R.T. 0.000 min
Lab File: BM037768.D
Acq: 28 Nov 2022 20:20

Tgt Ion:166 Resp: 1045367
Ion Ratio Lower Upper
166 100
165 98.5 79.3 118.9
167 13.5 10.6 15.8

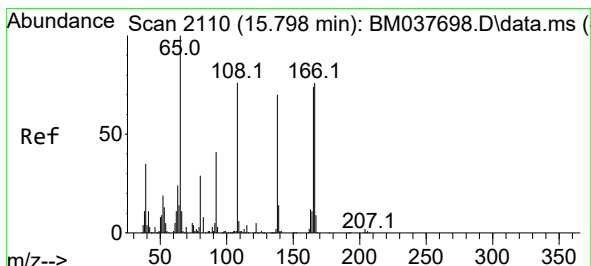
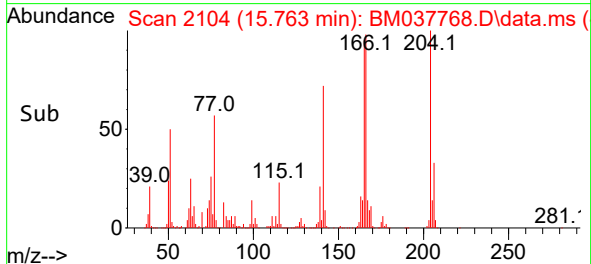
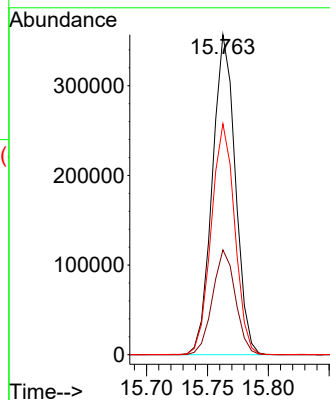
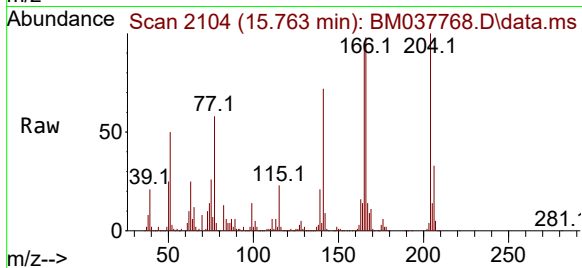




#62
4-Chlorophenyl-phenylether
Concen: 22.348 ng/ul
RT: 15.763 min Scan# 2104
Delta R.T. 0.000 min
Lab File: BM037768.D
Acq: 28 Nov 2022 20:20

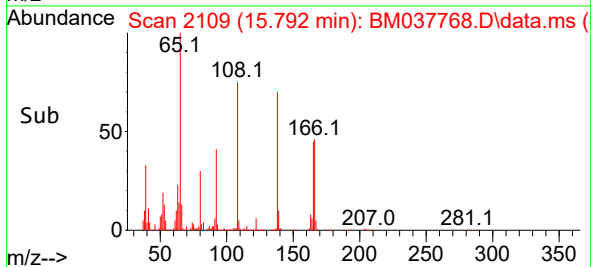
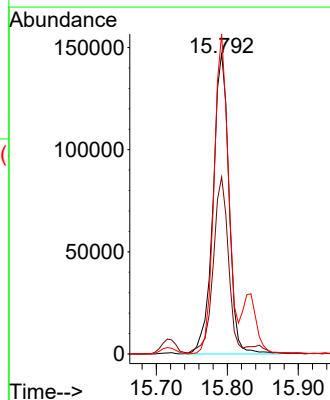
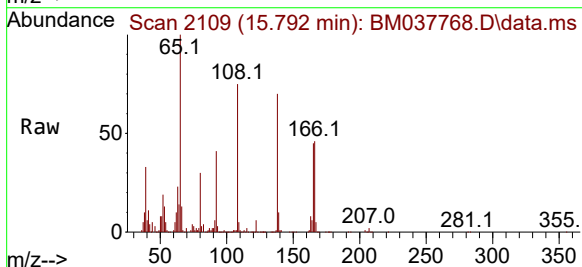
Instrument :
BNA_M
ClientSampleId :

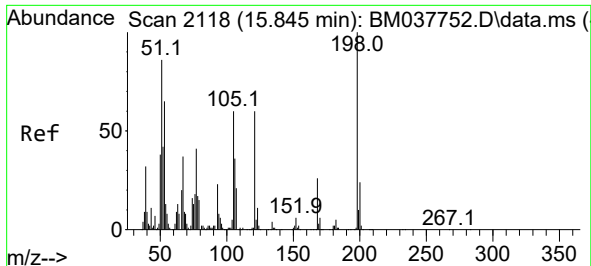
Tgt Ion:204 Resp: 468977
Ion Ratio Lower Upper
204 100
206 32.8 25.8 38.8
141 72.1 54.3 81.5



#63
4-Nitroaniline
Concen: 21.750 ng/ul
RT: 15.792 min Scan# 2109
Delta R.T. 0.000 min
Lab File: BM037768.D
Acq: 28 Nov 2022 20:20

Tgt Ion:138 Resp: 229587
Ion Ratio Lower Upper
138 100
92 58.8 43.7 65.5
108 106.3 68.1 102.1#

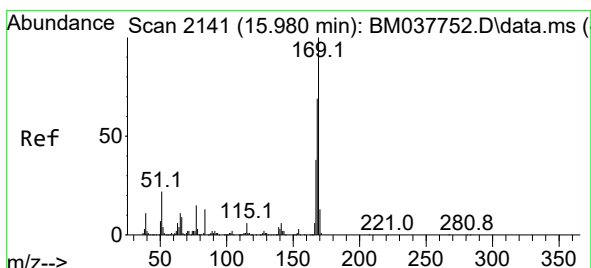
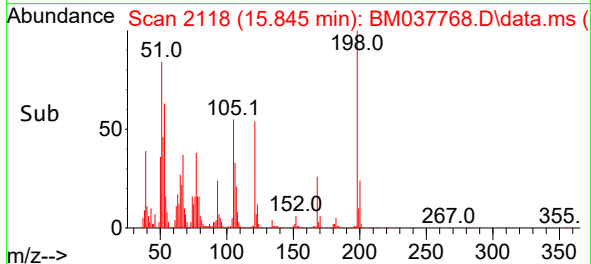
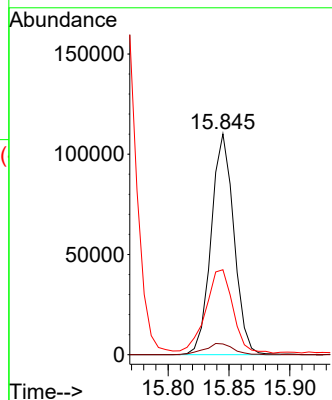
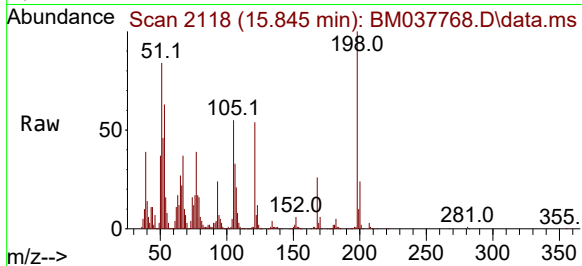




#66
4,6-Dinitro-2-methylphenol
Concen: 19.094 ng/ul
RT: 15.845 min Scan# 2118
Delta R.T. 0.000 min
Lab File: BM037768.D
Acq: 28 Nov 2022 20:20

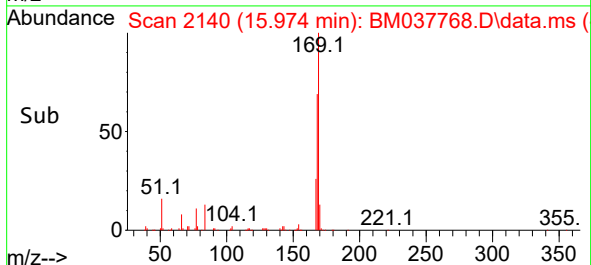
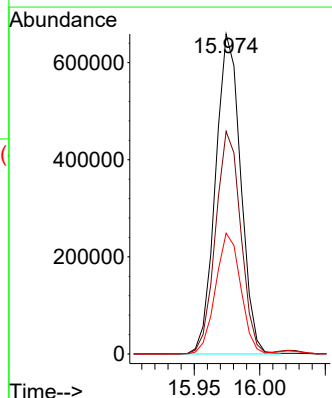
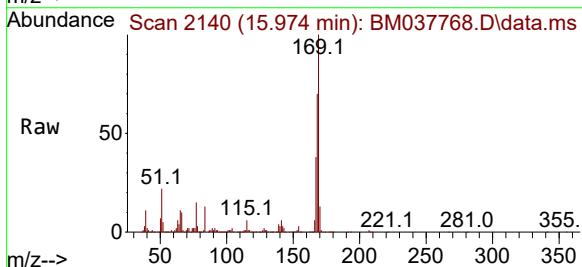
Instrument :
BNA_M
ClientSampleId :

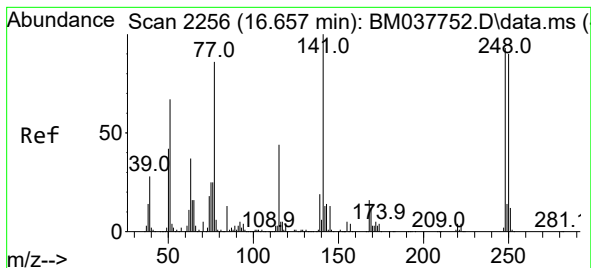
Tgt Ion:198 Resp: 143138
Ion Ratio Lower Upper
198 100
182 4.8 4.0 6.0
77 38.5 27.9 41.9



#67
N-Nitrosodiphenylamine
Concen: 21.491 ng/ul
RT: 15.974 min Scan# 2140
Delta R.T. -0.006 min
Lab File: BM037768.D
Acq: 28 Nov 2022 20:20

Tgt Ion:169 Resp: 876794
Ion Ratio Lower Upper
169 100
168 69.5 54.0 81.0
167 37.8 29.3 43.9

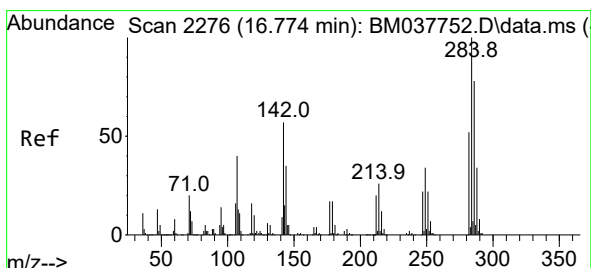
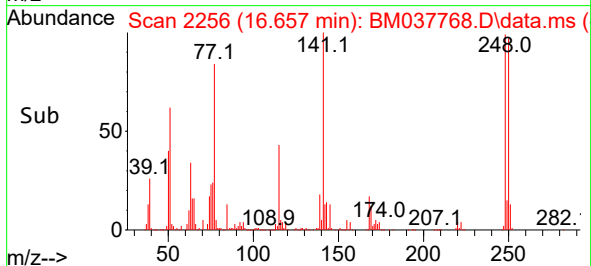
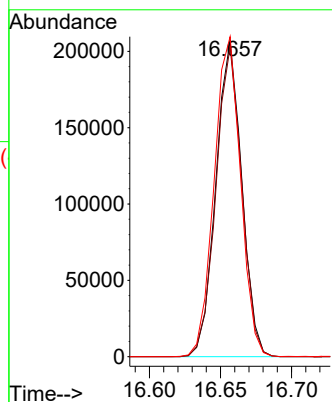
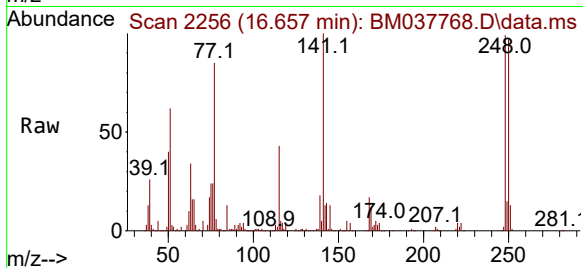




#68
4-Bromophenyl-phenylether
Concen: 24.839 ng/ul
RT: 16.657 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM037768.D
Acq: 28 Nov 2022 20:20

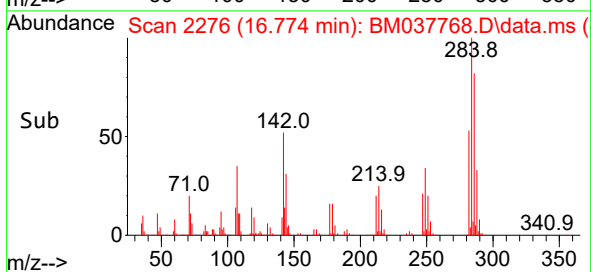
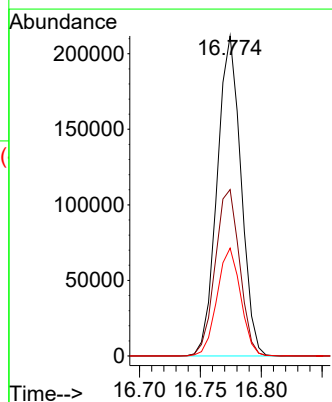
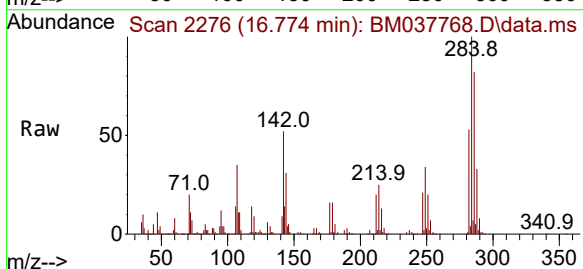
Instrument :
BNA_M
ClientSampleId :

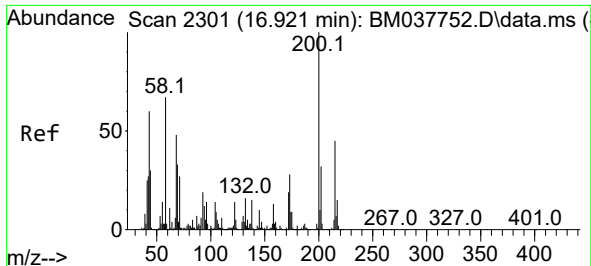
Tgt Ion:248 Resp: 262336
Ion Ratio Lower Upper
248 100
250 98.0 78.5 117.7
141 101.2 78.9 118.3



#69
Hexachlorobenzene
Concen: 21.267 ng/ul
RT: 16.774 min Scan# 2276
Delta R.T. 0.000 min
Lab File: BM037768.D
Acq: 28 Nov 2022 20:20

Tgt Ion:284 Resp: 288472
Ion Ratio Lower Upper
284 100
142 52.0 40.4 60.6
249 33.7 24.5 36.7

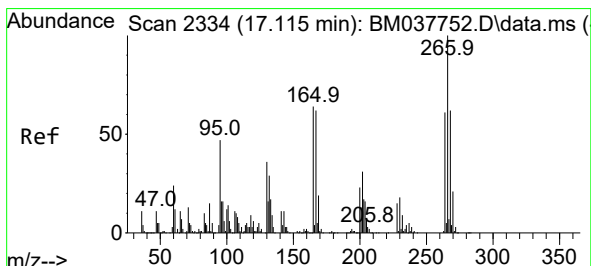
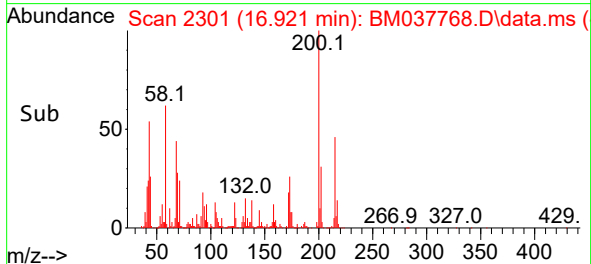
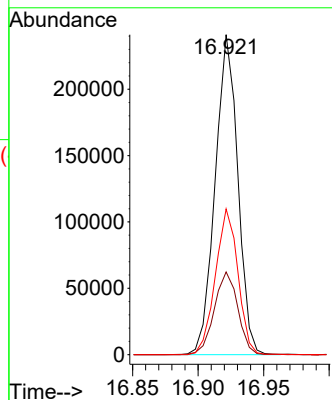
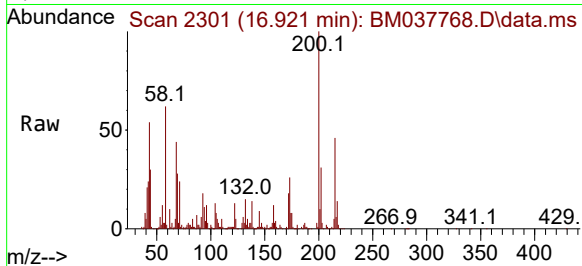




#70
Atrazine
Concen: 20.873 ng/ul
RT: 16.921 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM037768.D
Acq: 28 Nov 2022 20:20

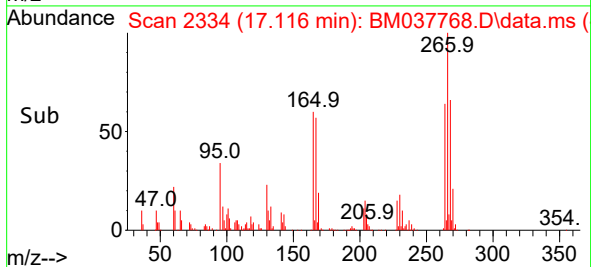
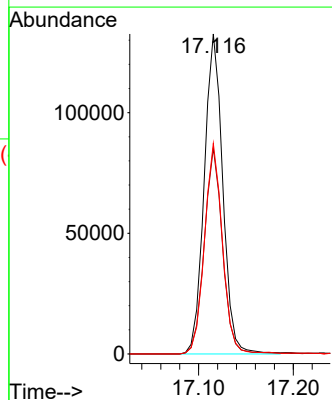
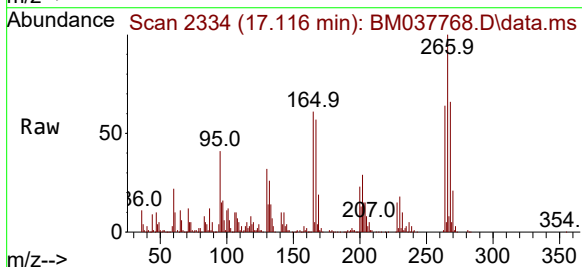
Instrument :
BNA_M
ClientSampleId :

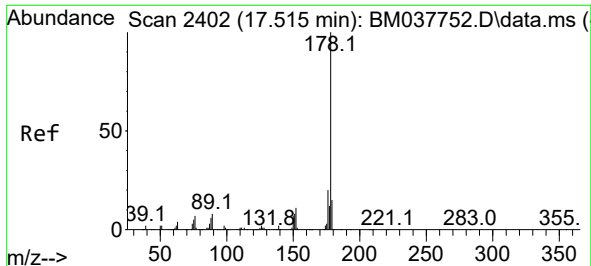
Tgt Ion:200 Resp: 289056
Ion Ratio Lower Upper
200 100
173 25.8 22.6 34.0
215 45.6 36.6 55.0



#71
Pentachlorophenol
Concen: 20.019 ng/ul
RT: 17.116 min Scan# 2334
Delta R.T. 0.000 min
Lab File: BM037768.D
Acq: 28 Nov 2022 20:20

Tgt Ion:266 Resp: 179791
Ion Ratio Lower Upper
266 100
264 64.3 52.0 78.0
268 65.8 52.2 78.2

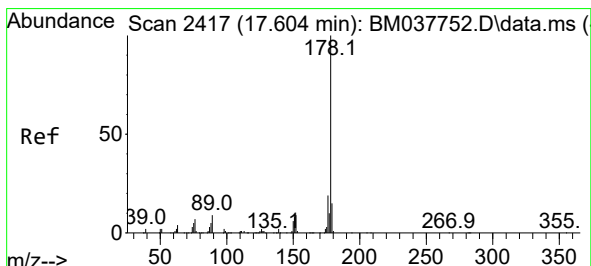
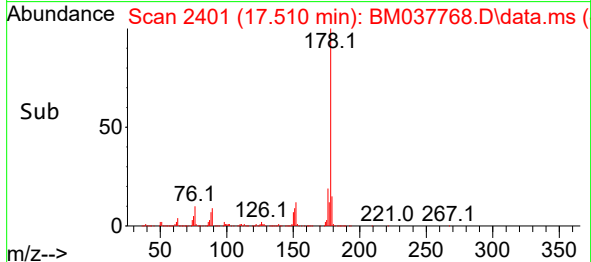
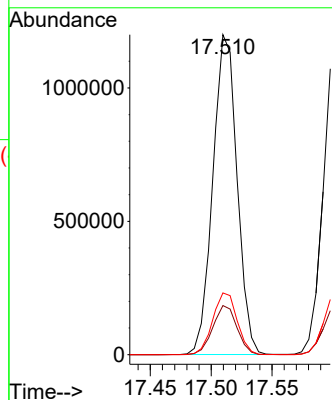
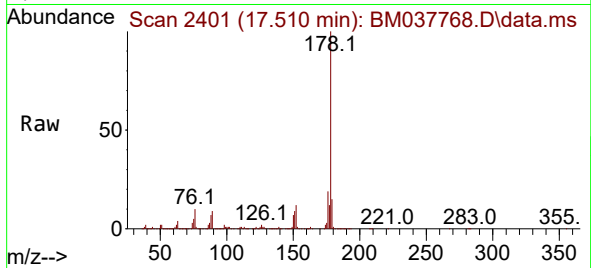




#72
Phenanthrene
Concen: 21.565 ng/ul
RT: 17.510 min Scan# 2401
Delta R.T. -0.006 min
Lab File: BM037768.D
Acq: 28 Nov 2022 20:20

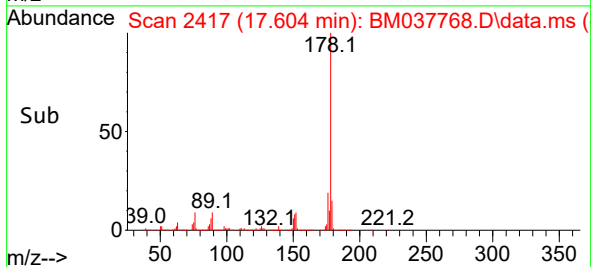
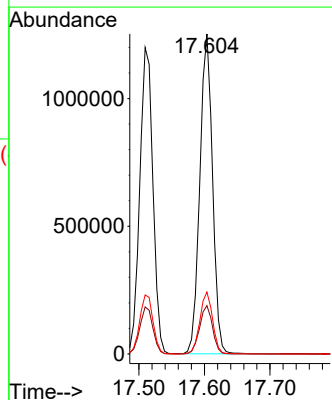
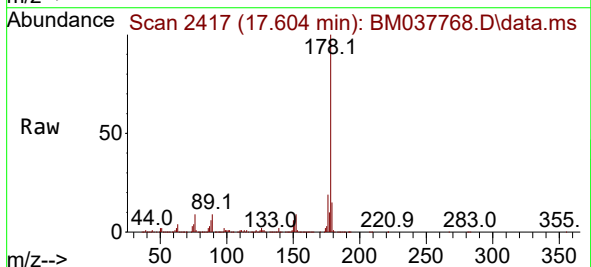
Instrument :
BNA_M
ClientSampleId :

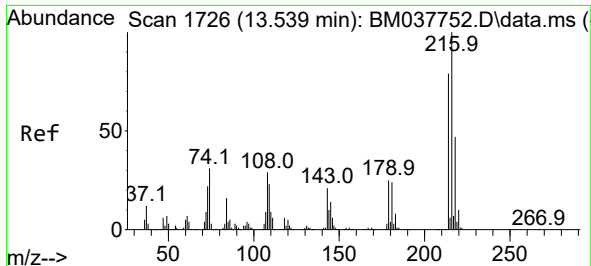
Tgt Ion:178 Resp: 1658720
Ion Ratio Lower Upper
178 100
179 15.4 12.0 18.0
176 19.3 15.4 23.2



#74
Anthracene
Concen: 21.664 ng/ul
RT: 17.604 min Scan# 2417
Delta R.T. 0.000 min
Lab File: BM037768.D
Acq: 28 Nov 2022 20:20

Tgt Ion:178 Resp: 1691752
Ion Ratio Lower Upper
178 100
179 15.1 12.6 18.8
176 19.3 15.0 22.4

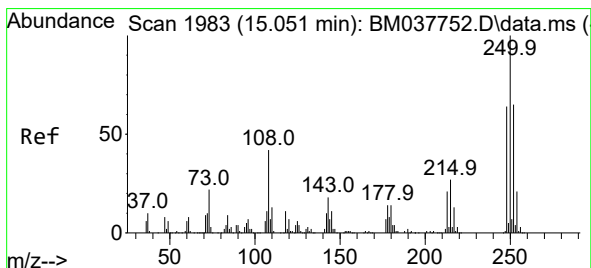
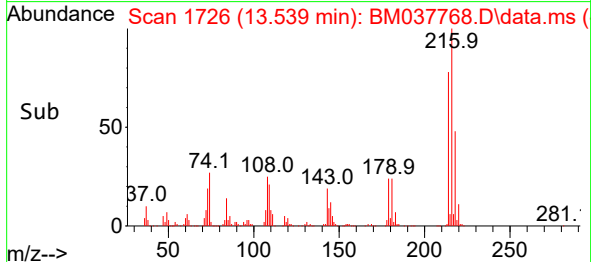
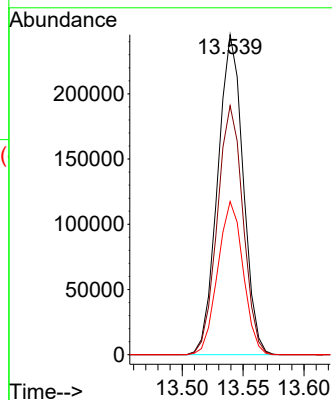
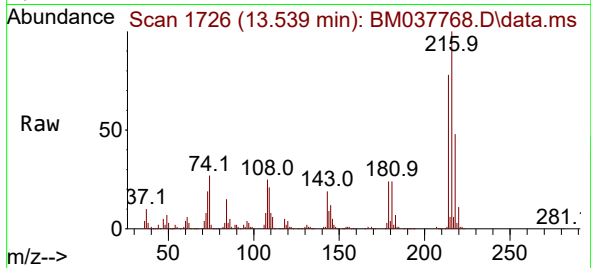




#75
1,2,3,4-Tetrachlorobenzene
Concen: 22.723 ng/uL
RT: 13.539 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM037768.D
Acq: 28 Nov 2022 20:20

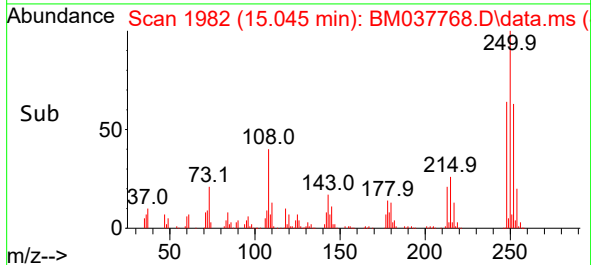
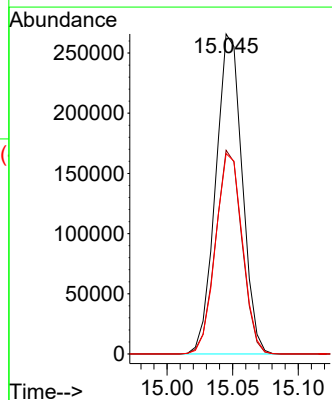
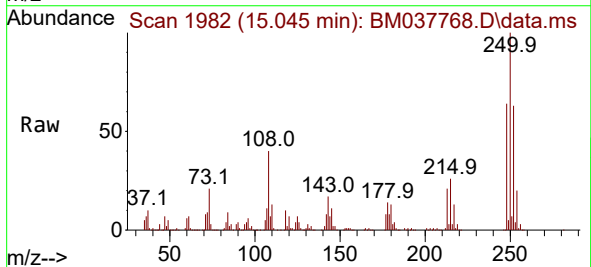
Instrument :
BNA_M
ClientSampleId :

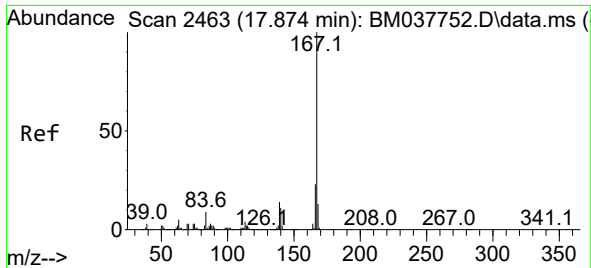
Tgt Ion:216 Resp: 356933
Ion Ratio Lower Upper
216 100
214 77.8 63.3 94.9
218 47.9 38.6 58.0



#76
Pentachlorobenzene
Concen: 22.325 ng/uL
RT: 15.045 min Scan# 1982
Delta R.T. -0.006 min
Lab File: BM037768.D
Acq: 28 Nov 2022 20:20

Tgt Ion:250 Resp: 372983
Ion Ratio Lower Upper
250 100
248 63.6 50.1 75.1
252 62.6 49.9 74.9

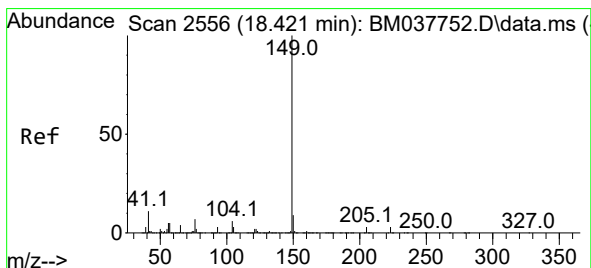
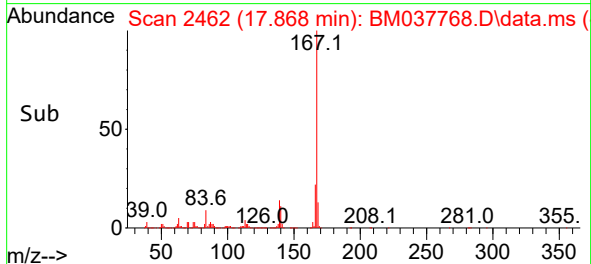
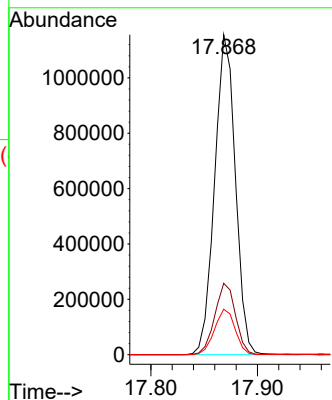
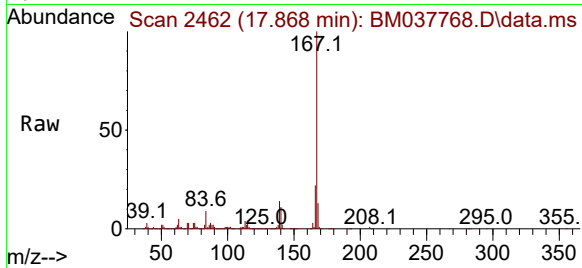




#77
 Carbazole
 Concen: 21.009 ng/ul
 RT: 17.868 min Scan# 2462
 Delta R.T. -0.006 min
 Lab File: BM037768.D
 Acq: 28 Nov 2022 20:20

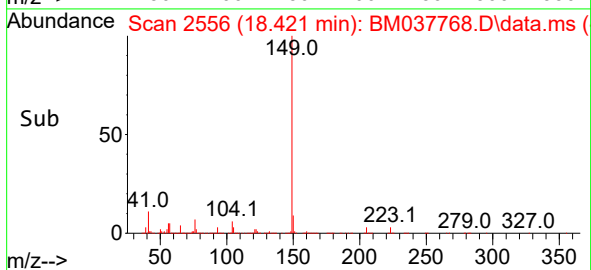
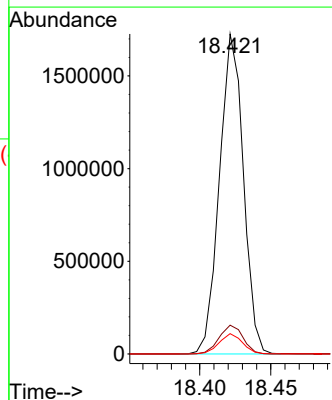
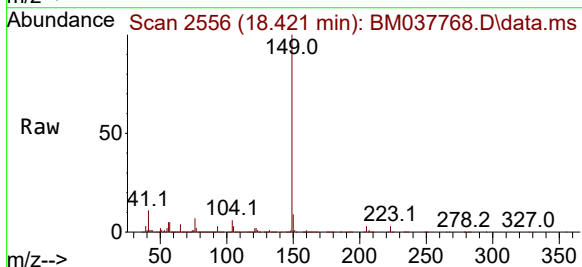
Instrument :
 BNA_M
 ClientSampleId :

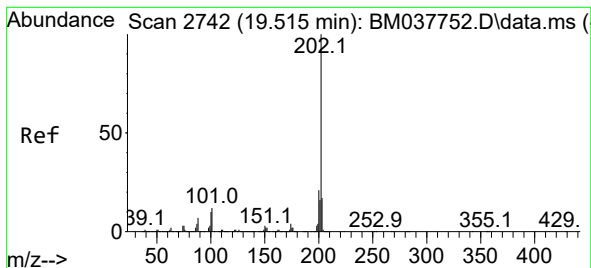
Tgt Ion:167 Resp: 1559740
 Ion Ratio Lower Upper
 167 100
 166 22.3 17.5 26.3
 139 14.2 10.9 16.3



#78
 Di-n-butylphthalate
 Concen: 18.804 ng/ul
 RT: 18.421 min Scan# 2556
 Delta R.T. 0.000 min
 Lab File: BM037768.D
 Acq: 28 Nov 2022 20:20

Tgt Ion:149 Resp: 2020800
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.4 11.0
 104 6.4 4.4 6.6





#80

Fluoranthene

Concen: 23.381 ng/ul

RT: 19.515 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM037768.D

Acq: 28 Nov 2022 20:20

Instrument :

BNA_M

ClientSampleId :

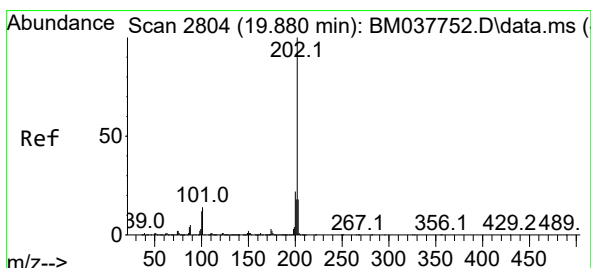
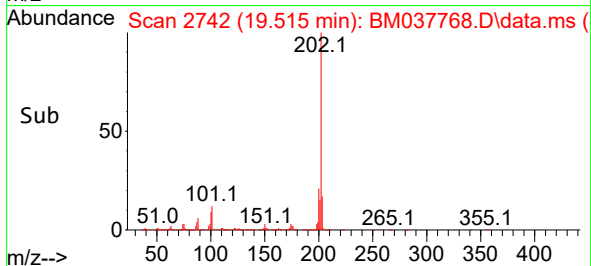
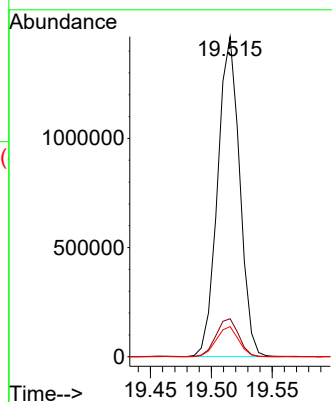
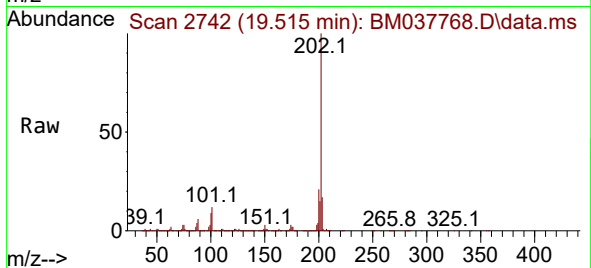
Tgt Ion:202 Resp: 1846140

Ion Ratio Lower Upper

202 100

101 11.9 10.6 16.0

100 9.4 8.2 12.4



#82

Pyrene

Concen: 23.318 ng/ul

RT: 19.880 min Scan# 2804

Delta R.T. 0.000 min

Lab File: BM037768.D

Acq: 28 Nov 2022 20:20

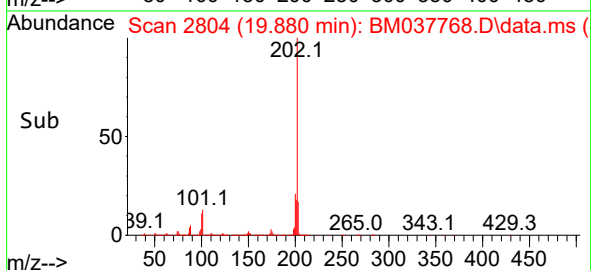
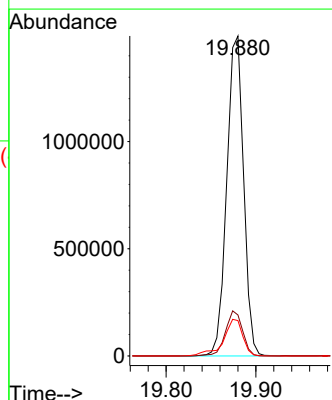
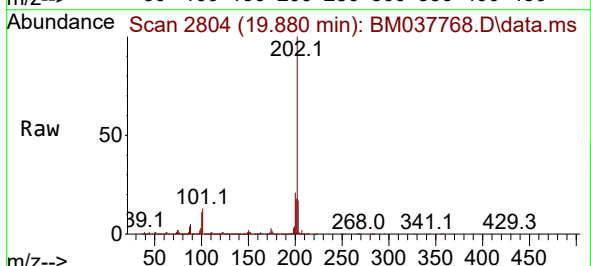
Tgt Ion:202 Resp: 1944649

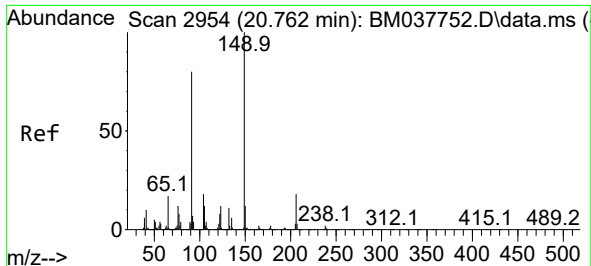
Ion Ratio Lower Upper

202 100

101 12.8 12.2 18.4

100 11.1 10.2 15.2

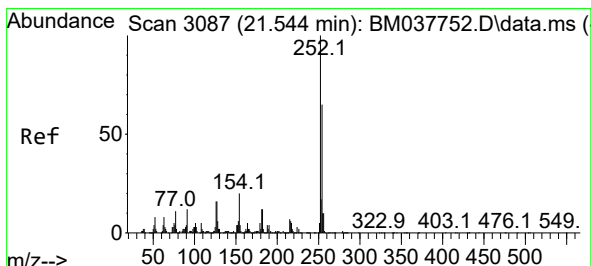
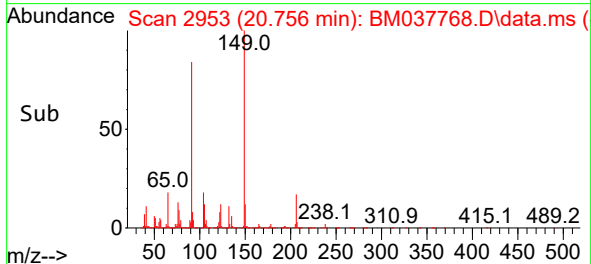
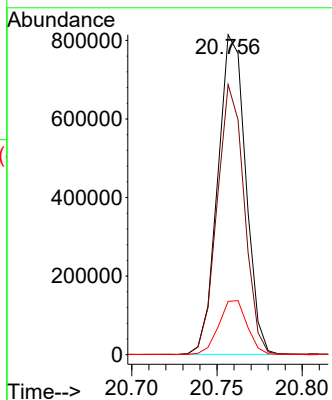
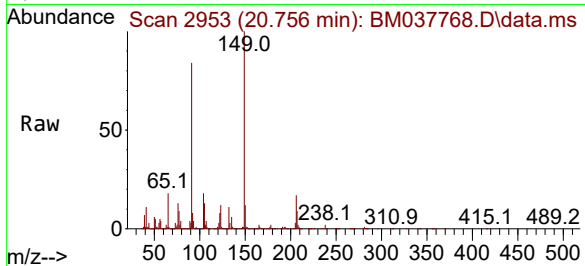




#83
Butylbenzylphthalate
Concen: 23.959 ng/ul
RT: 20.756 min Scan# 2953
Delta R.T. -0.006 min
Lab File: BM037768.D
Acq: 28 Nov 2022 20:20

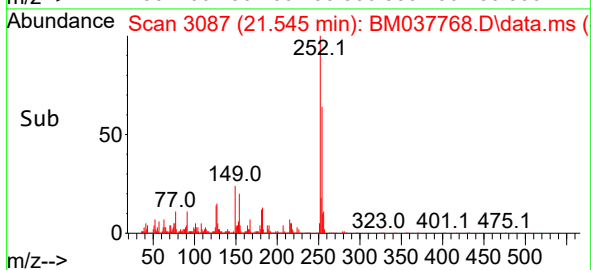
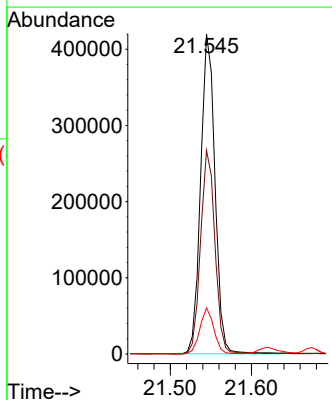
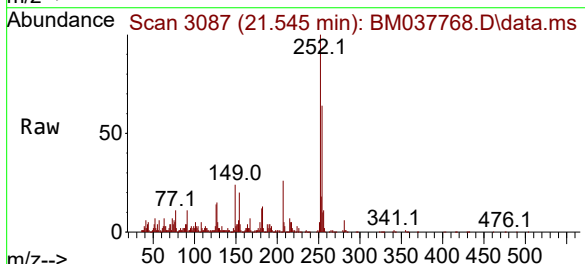
Instrument :
BNA_M
ClientSampleId :

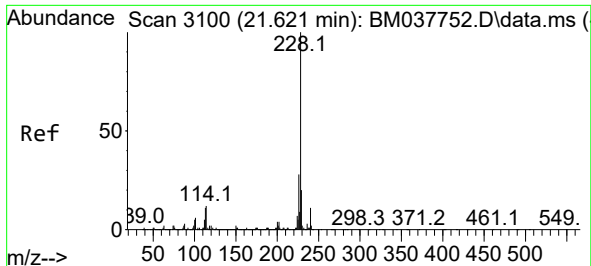
Tgt Ion:149 Resp: 930804
Ion Ratio Lower Upper
149 100
91 84.4 65.9 98.9
206 16.6 13.4 20.2



#84
3,3'-Dichlorobenzidine
Concen: 21.108 ng/ul
RT: 21.545 min Scan# 3087
Delta R.T. 0.000 min
Lab File: BM037768.D
Acq: 28 Nov 2022 20:20

Tgt Ion:252 Resp: 515628
Ion Ratio Lower Upper
252 100
254 63.7 51.0 76.4
126 14.4 12.2 18.4

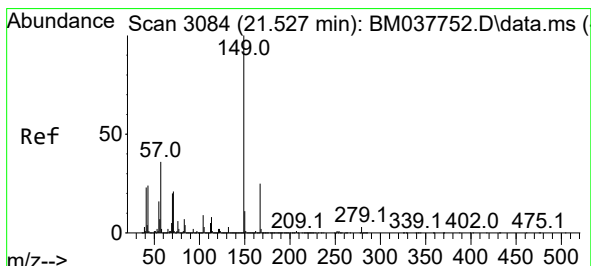
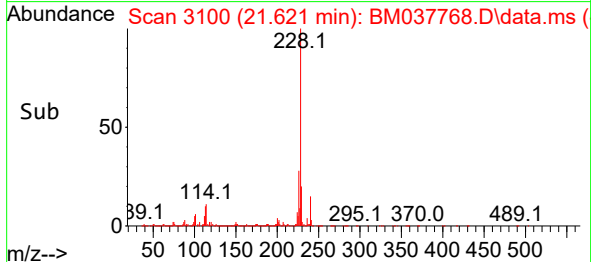
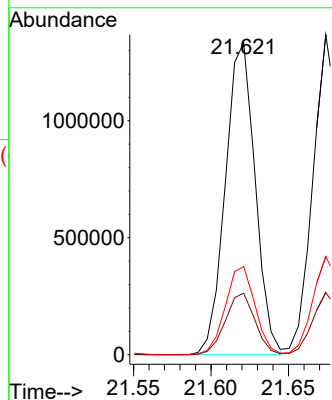
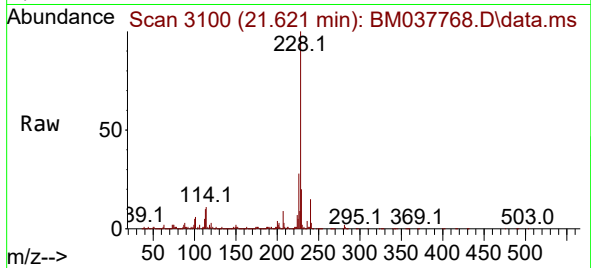




#85
Benzo(a)anthracene
Concen: 21.914 ng/ul
RT: 21.621 min Scan# 3100
Delta R.T. 0.000 min
Lab File: BM037768.D
Acq: 28 Nov 2022 20:20

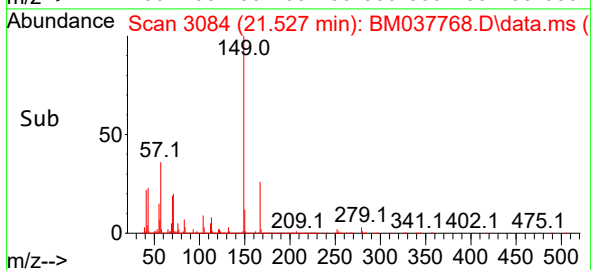
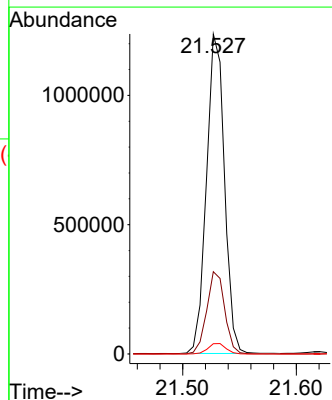
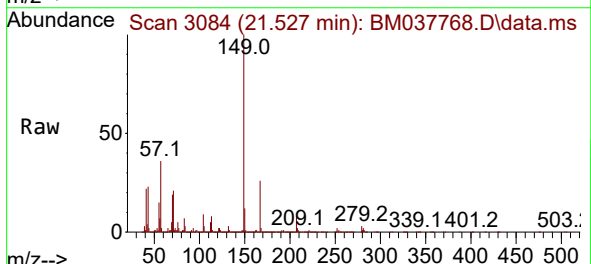
Instrument :
BNA_M
ClientSampleId :

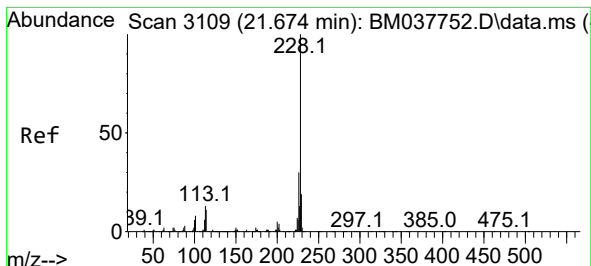
Tgt Ion:228 Resp: 1783138
Ion Ratio Lower Upper
228 100
229 19.7 15.6 23.4
226 28.2 22.2 33.2



#86
Bis(2-ethylhexyl)phthalate
Concen: 23.100 ng/ul
RT: 21.527 min Scan# 3084
Delta R.T. 0.000 min
Lab File: BM037768.D
Acq: 28 Nov 2022 20:20

Tgt Ion:149 Resp: 1355919
Ion Ratio Lower Upper
149 100
167 25.7 20.2 30.4
279 3.2 2.2 3.4





#87

Chrysene

Concen: 21.545 ng/ul

RT: 21.674 min Scan# 3109

Delta R.T. 0.000 min

Lab File: BM037768.D

Acq: 28 Nov 2022 20:20

Instrument :

BNA_M

ClientSampleId :

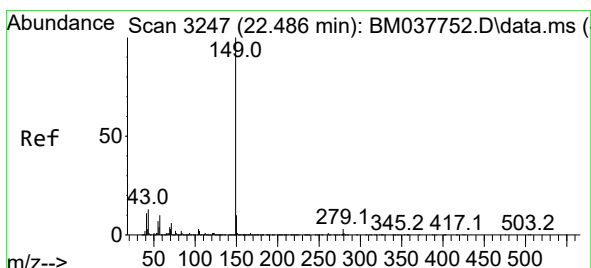
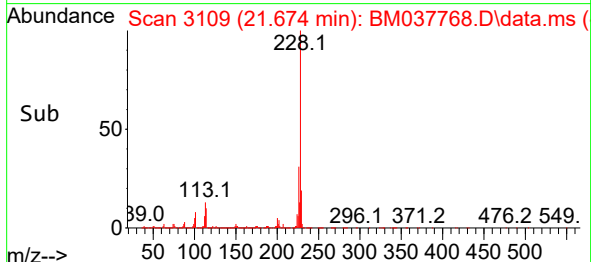
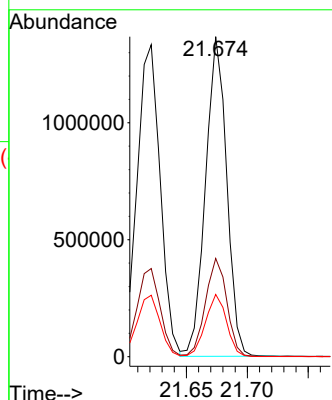
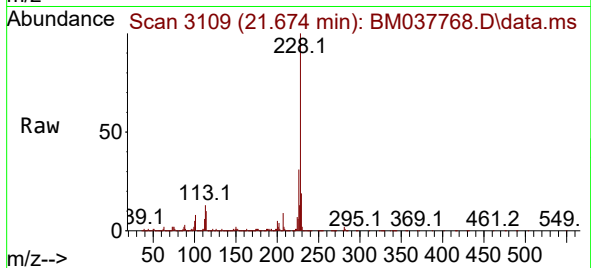
Tgt Ion:228 Resp: 1649786

Ion Ratio Lower Upper

228 100

226 30.7 24.2 36.4

229 19.5 16.1 24.1



#89

Di-n-octyl phthalate

Concen: 26.251 ng/ul

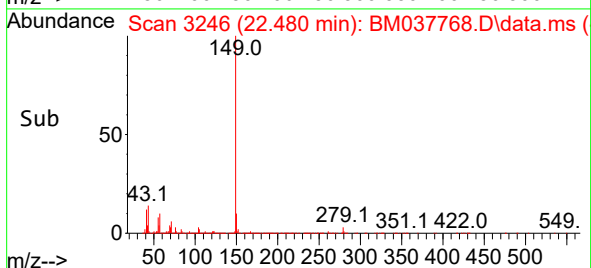
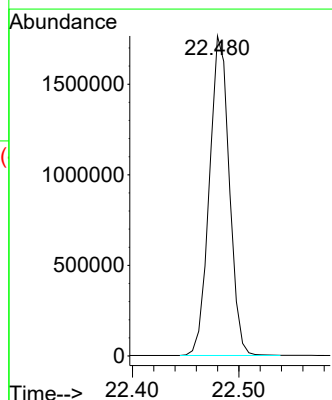
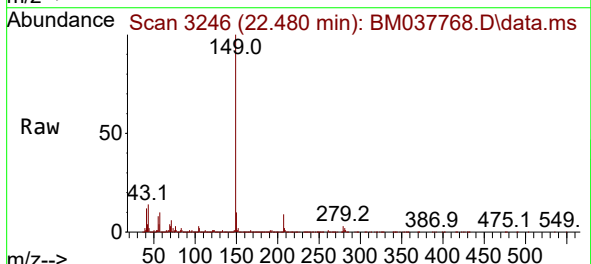
RT: 22.480 min Scan# 3246

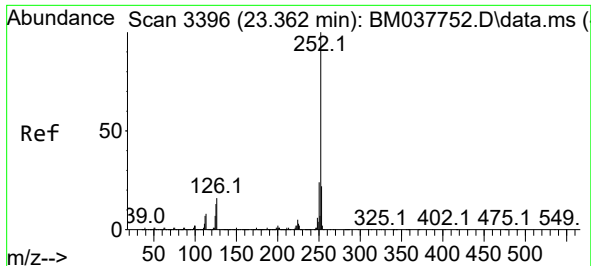
Delta R.T. -0.006 min

Lab File: BM037768.D

Acq: 28 Nov 2022 20:20

Tgt Ion:149 Resp: 2291085

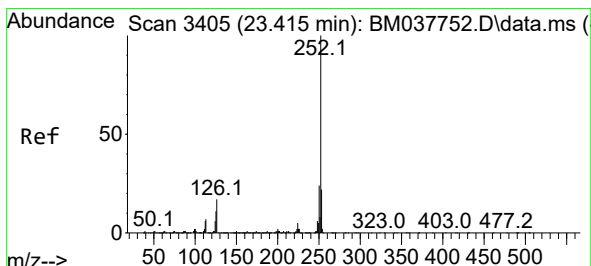
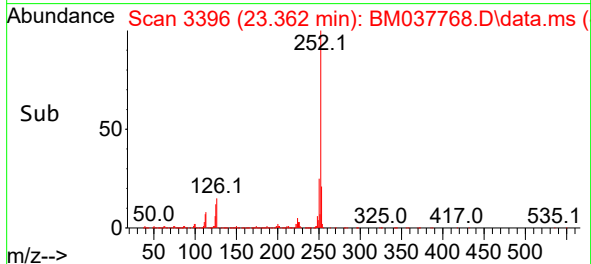
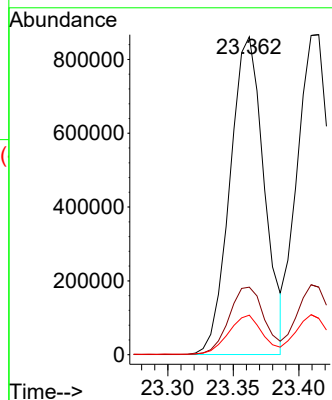
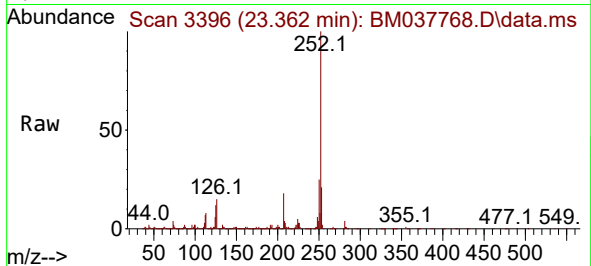




#90
Benzo(b)fluoranthene
Concen: 22.545 ng/ul
RT: 23.362 min Scan# 3396
Delta R.T. 0.000 min
Lab File: BM037768.D
Acq: 28 Nov 2022 20:20

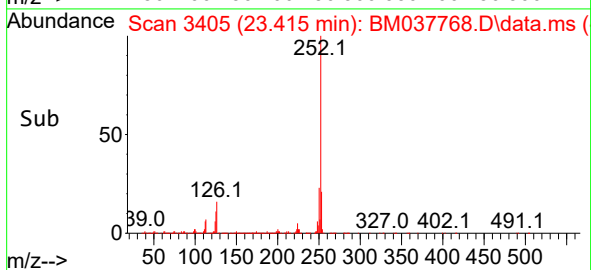
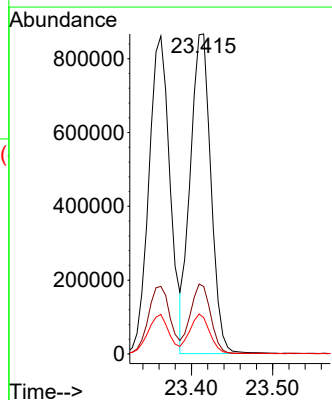
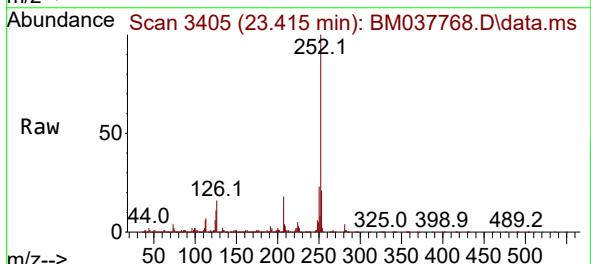
Instrument :
BNA_M
ClientSampleId :

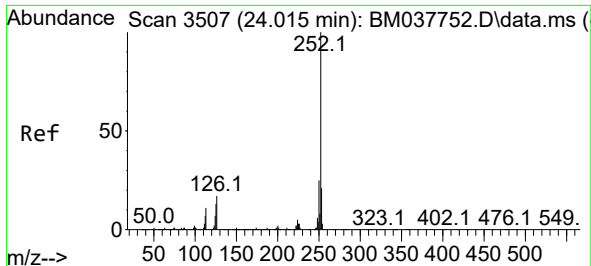
Tgt Ion:252 Resp: 1565868
Ion Ratio Lower Upper
252 100
253 21.3 17.8 26.6
125 12.4 11.0 16.4



#91
Benzo(k)fluoranthene
Concen: 22.553 ng/ul
RT: 23.415 min Scan# 3405
Delta R.T. 0.000 min
Lab File: BM037768.D
Acq: 28 Nov 2022 20:20

Tgt Ion:252 Resp: 1527611
Ion Ratio Lower Upper
252 100
253 21.1 17.5 26.3
125 11.3 10.6 16.0

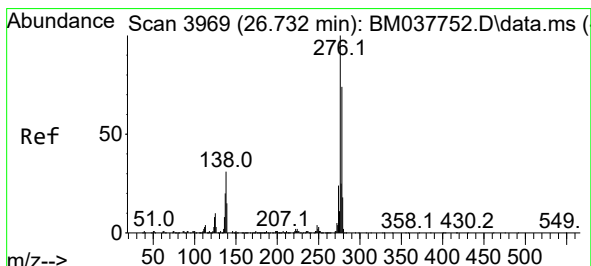
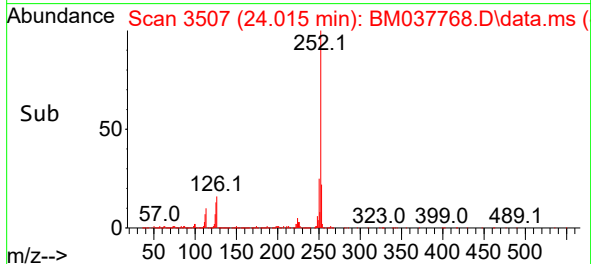
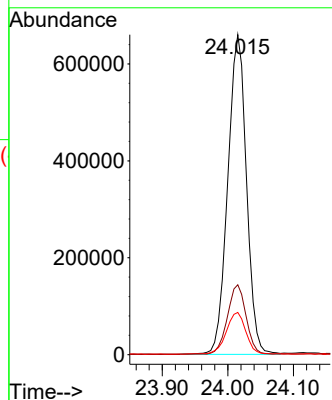
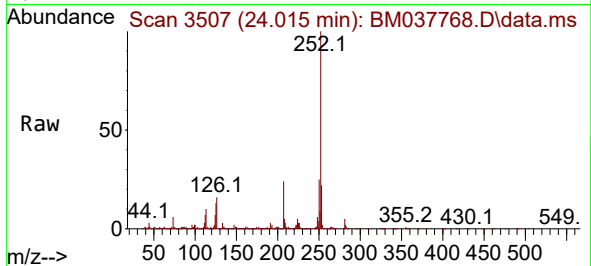




#93
Benzo(a)pyrene
Concen: 21.661 ng/ul
RT: 24.015 min Scan# 3507
Delta R.T. 0.000 min
Lab File: BM037768.D
Acq: 28 Nov 2022 20:20

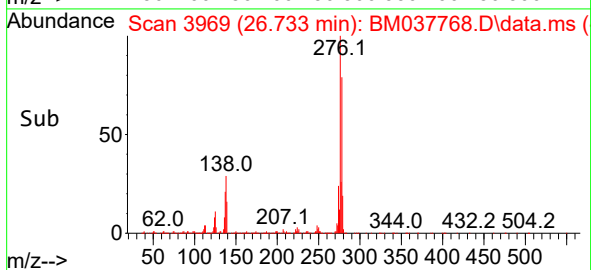
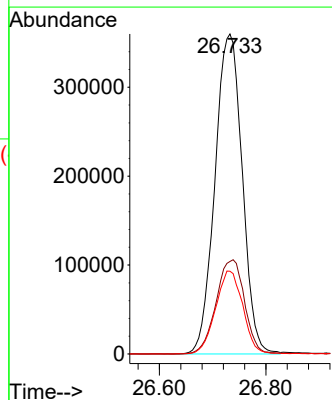
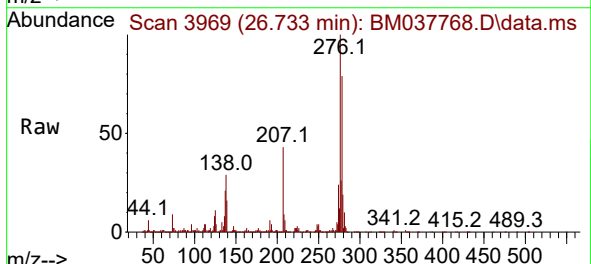
Instrument :
BNA_M
ClientSampleId :

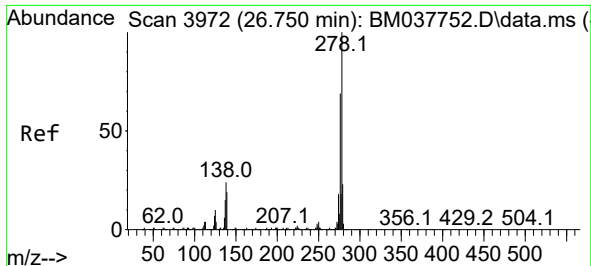
Tgt Ion:252 Resp: 1307632
Ion Ratio Lower Upper
252 100
253 21.9 17.3 25.9
125 13.2 12.0 18.0



#94
Indeno(1,2,3-cd)pyrene
Concen: 18.498 ng/ul
RT: 26.733 min Scan# 3969
Delta R.T. 0.000 min
Lab File: BM037768.D
Acq: 28 Nov 2022 20:20

Tgt Ion:276 Resp: 1281073
Ion Ratio Lower Upper
276 100
138 28.9 26.9 40.3
277 25.8 19.9 29.9

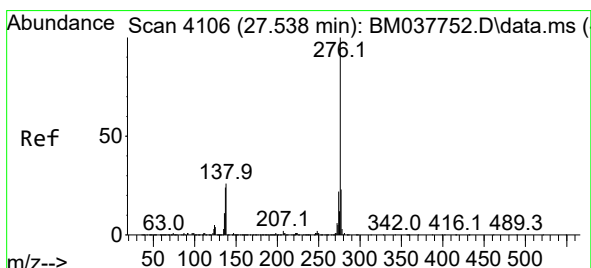
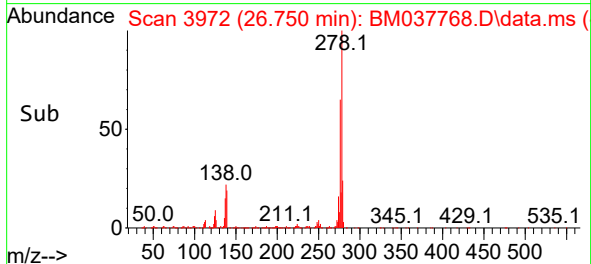
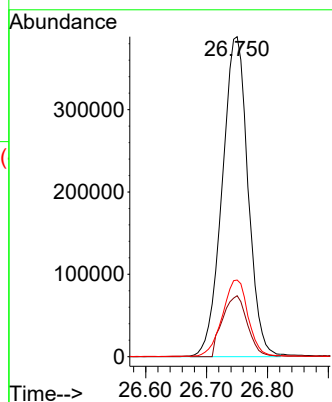
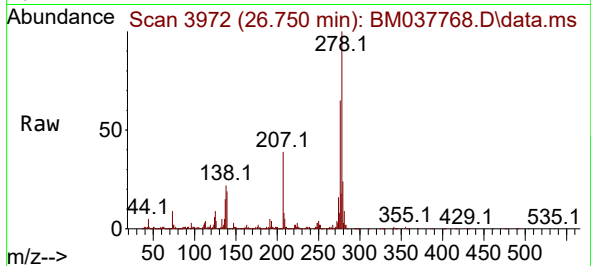




#95
Dibenzo(a,h)anthracene
Concen: 18.395 ng/ul
RT: 26.750 min Scan# 3972
Delta R.T. 0.000 min
Lab File: BM037768.D
Acq: 28 Nov 2022 20:20

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:278 Resp: 1143802
Ion Ratio Lower Upper
278 100
139 19.0 16.6 25.0
279 24.0 19.3 28.9



#96
Benzo(g,h,i)perylene
Concen: 18.085 ng/ul
RT: 27.532 min Scan# 4105
Delta R.T. -0.006 min
Lab File: BM037768.D
Acq: 28 Nov 2022 20:20

Tgt Ion:276 Resp: 1090625
Ion Ratio Lower Upper
276 100
138 25.9 23.4 35.2
277 23.8 19.1 28.7

