

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041724\
 Data File : BM045327.D
 Acq On : 17 Apr 2024 21:20
 Operator : MA/JU
 Sample : PB160113BS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Apr 17 23:18:22 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM040524.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Apr 17 12:42:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.575	152	57271	20.000	ng/u1	0.00
20) Naphthalene-d8	10.339	136	239596	20.000	ng/u1	# 0.00
38) Acenaphthene-d10	14.221	164	151102	20.000	ng/u1	0.00
64) Phenanthrene-d10	16.986	188	300118	20.000	ng/u1	0.00
79) Chrysene-d12	21.203	240	294964	20.000	ng/u1	0.00
88) Perylene-d12	23.397	264	389834	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.175	96	8594	5.603	ng/uL	0.00
4) Pyridine-d5	3.569	84	95162	22.817	ng/u1	0.00
7) Phenol-d5	6.757	99	124512	25.645	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.934	67	78423	27.111	ng/u1	0.00
11) 2-Chlorophenol-d4	7.110	132	107756	28.329	ng/u1	0.00
15) 4-Methylphenol-d8	8.286	113	100362	26.409	ng/u1	0.00
21) Nitrobenzene-d5	8.733	128	51420	27.940	ng/u1	0.00
24) 2-Nitrophenol-d4	9.445	143	55905	28.780	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.975	165	102323	28.730	ng/u1	0.00
31) 4-Chloroaniline-d4	10.504	131	139322	24.570	ng/u1	0.00
46) Dimethylphthalate-d6	13.651	166	301954	28.701	ng/u1	0.00
49) Acenaphthylene-d8	13.916	160	343759	27.658	ng/u1	0.00
54) 4-Nitrophenol-d4	14.463	143	53259	24.256	ng/u1	0.00
60) Fluorene-d10	15.227	176	252424	26.912	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.374	200	46834	26.319	ng/u1	0.00
73) Anthracene-d10	17.086	188	383734	28.423	ng/u1	0.00
81) Pyrene-d10	19.392	212	448916	30.909	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.256	264	561803	29.542	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.204	88	13590	8.485	ng/uL#	79
5) Pyridine	3.587	79	105062	23.774	ng/u1	97
6) Benzaldehyde	6.739	77	77513	34.440	ng/u1	98
8) Phenol	6.787	94	133190	26.491	ng/u1#	94
10) Bis(2-Chloroethyl)ether	7.022	93	105258	26.825	ng/u1	99
12) 2-Chlorophenol	7.139	128	111072	27.828	ng/u1	97
13) 2-Methylphenol	8.016	108	97548	26.285	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.104	45	120757	25.802	ng/u1	97
16) Acetophenone	8.404	105	160207	25.929	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.386	70	81092	27.797	ng/u1	91
18) 4-Methylphenol	8.345	108	109344	27.336	ng/u1	96
19) Hexachloroethane	8.622	117	51806	29.511	ng/u1	96
22) Nitrobenzene	8.775	77	128004	28.349	ng/u1	93
23) Isophorone	9.298	82	229654	27.683	ng/u1	100
25) 2-Nitrophenol	9.475	139	61421	28.488	ng/u1#	85
26) 2,4-Dimethylphenol	9.539	107	94739	22.792	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.780	93	135169	27.484	ng/u1	97
29) 2,4-Dichlorophenol	9.998	162	104930	29.161	ng/u1	98
30) Naphthalene	10.392	128	337981	26.647	ng/u1	99
32) 4-Chloroaniline	10.527	127	129415	23.455	ng/u1	99
33) Hexachlorobutadiene	10.657	225	59694	26.681	ng/u1	94
34) Caprolactam	11.333	113	17606	14.493	ng/u1	95
35) 4-Chloro-3-methylphenol	11.651	107	101858	28.476	ng/u1	99
36) 2-Methylnaphthalene	12.016	142	227434	27.463	ng/u1	97

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041724\
 Data File : BM045327.D
 Acq On : 17 Apr 2024 21:20
 Operator : MA/JU
 Sample : PB160113BS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

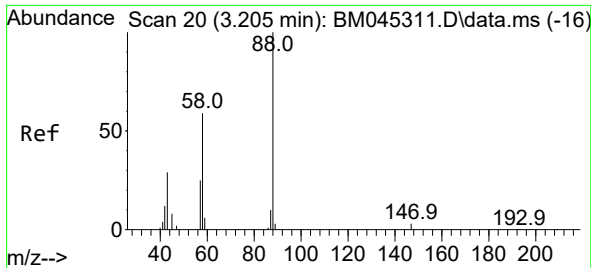
Quant Time: Apr 17 23:18:22 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM040524.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Apr 17 12:42:01 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.239	142	234080	27.932	ng/ul	96
39) 1,2,4,5-Tetrachloroben...	12.386	216	114229	27.643	ng/ul	99
40) Hexachlorocyclopentadiene	12.345	237	56641	22.642	ng/ul	97
41) 2,4,6-Trichlorophenol	12.645	196	79053	29.326	ng/ul	97
42) 2,4,5-Trichlorophenol	12.716	196	86289	29.052	ng/ul	97
43) 1,1'-Biphenyl	13.051	154	296792	27.815	ng/ul	98
44) 2-Chloronaphthalene	13.086	162	232712	26.845	ng/ul	100
45) 2-Nitroaniline	13.321	65	72877	30.455	ng/ul	95
47) Dimethylphthalate	13.704	163	301954	27.459	ng/ul	99
48) 2,6-Dinitrotoluene	13.833	165	60217	27.938	ng/ul#	84
50) Acenaphthylene	13.945	152	388301	26.749	ng/ul	99
51) 3-Nitroaniline	14.163	138	64239	27.323	ng/ul	88
52) Acenaphthene	14.286	153	257229	26.556	ng/ul	99
53) 2,4-Dinitrophenol	14.380	184	32247	25.165	ng/ul	88
55) 4-Nitrophenol	14.474	109	52664	27.272	ng/ul	86
56) Dibenzofuran	14.627	168	348776	26.313	ng/ul	97
57) 2,4-Dinitrotoluene	14.627	165	88439	27.412	ng/ul#	81
58) 2,3,4,6-Tetrachlorophenol	14.857	232	72137	28.378	ng/ul	97
59) Diethylphthalate	15.074	149	315699	28.140	ng/ul	99
61) Fluorene	15.280	166	288624	25.835	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.286	204	133312	25.459	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.392	198	51902	27.236	ng/ul	94
67) N-Nitrosodiphenylamine	15.510	169	242456	29.947	ng/ul	98
68) 4-Bromophenyl-phenylether	16.180	248	84433	28.886	ng/ul	93
69) Hexachlorobenzene	16.280	284	104323	27.438	ng/ul#	93
70) Atrazine	16.474	200	84473	28.365	ng/ul	96
71) Pentachlorophenol	16.639	266	63732	27.594	ng/ul	96
72) Phenanthrene	17.027	178	455489	28.203	ng/ul	99
74) Anthracene	17.121	178	460244	27.858	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.004	216	113355	29.967	ng/uL	97
76) Pentachlorobenzene	14.539	250	116158	28.862	ng/uL	97
77) Carbazole	17.404	167	444555	27.907	ng/ul	98
78) Di-n-butylphthalate	17.974	149	564886	31.444	ng/ul	99
80) Fluoranthene	19.056	202	533429	31.139	ng/ul	99
82) Pyrene	19.421	202	579484	31.347	ng/ul	99
83) Butylbenzylphthalate	20.350	149	266204	34.371	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.133	252	186134	28.380	ng/ul	98
85) Benzo(a)anthracene	21.186	228	563576	28.159	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.127	149	402336	33.233	ng/ul#	97
87) Chrysene	21.239	228	542343	29.069	ng/ul	98
89) Di-n-octyl phthalate	22.003	149	708693	28.894	ng/ul	100
90) Benzo(b)fluoranthene	22.744	252	648783	28.554	ng/ul	98
91) Benzo(k)fluoranthene	22.785	252	649817	28.415	ng/ul	100
93) Benzo(a)pyrene	23.303	252	572510	25.890	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	25.597	276	886958	30.965	ng/ul	98
95) Dibenzo(a,h)anthracene	25.609	278	719825	30.057	ng/ul	98
96) Benzo(g,h,i)perylene	26.262	276	711109	31.469	ng/ul	98

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

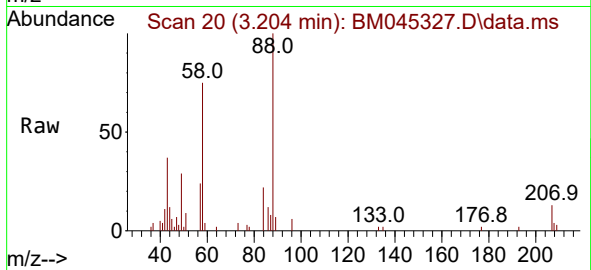
Quant Time: Apr 17 23:18:22 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM040524.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Apr 17 12:42:01 2024
Response via : Initial Calibration



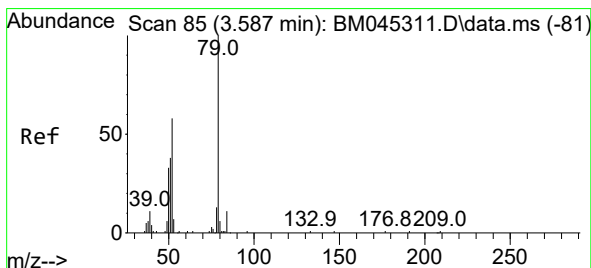
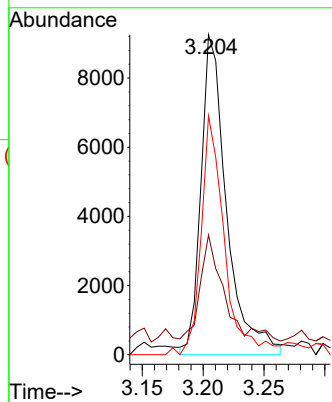
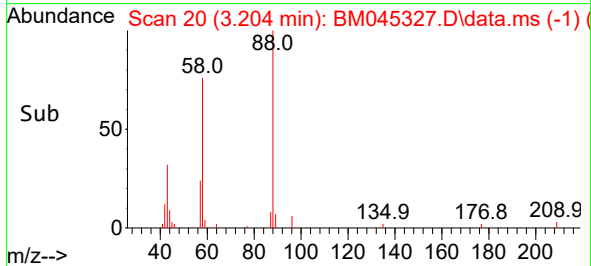


#2
1,4-Dioxane
Concen: 8.485 ng/uL
RT: 3.204 min Scan# 20
Delta R.T. -0.000 min
Lab File: BM045327.D
Acq: 17 Apr 2024 21:20

Instrument :
BNA_M
ClientSampleId :

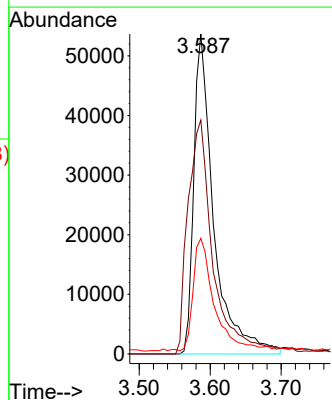
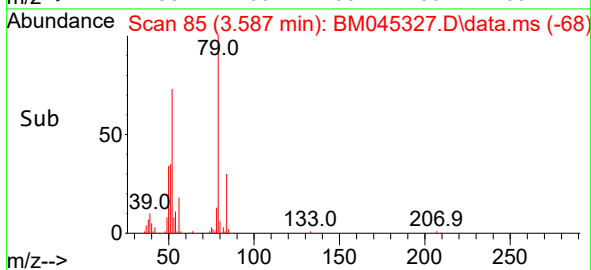
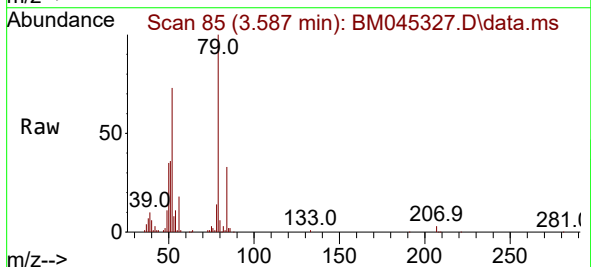


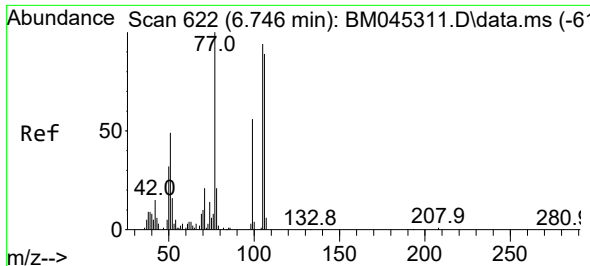
Tgt Ion: 88 Resp: 13590
Ion Ratio Lower Upper
88 100
43 37.4 24.0 36.0#
58 74.6 45.4 68.2#



#5
Pyridine
Concen: 23.774 ng/uL
RT: 3.587 min Scan# 85
Delta R.T. -0.000 min
Lab File: BM045327.D
Acq: 17 Apr 2024 21:20

Tgt Ion: 79 Resp: 105062
Ion Ratio Lower Upper
79 100
52 73.1 56.0 84.0
51 36.1 27.6 41.4

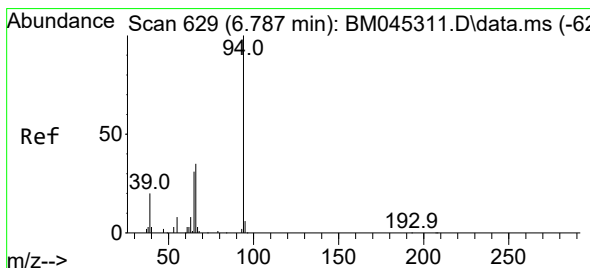
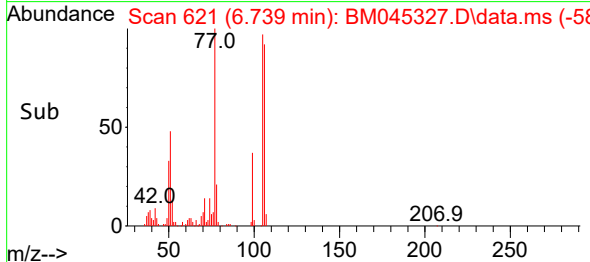
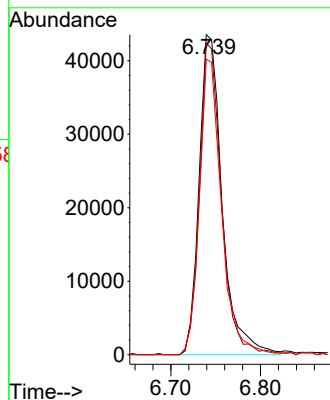
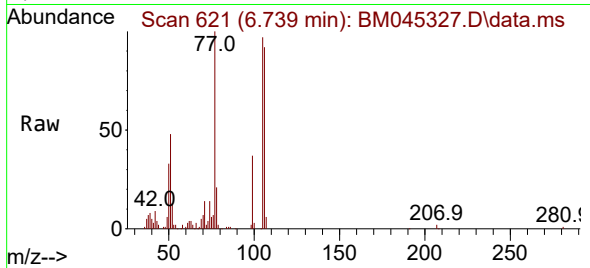




#6
Benzaldehyde
Concen: 34.440 ng/ul
RT: 6.739 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM045327.D
Acq: 17 Apr 2024 21:20

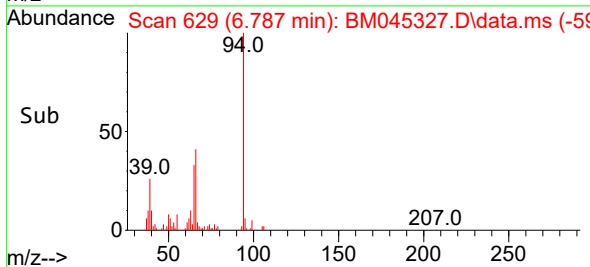
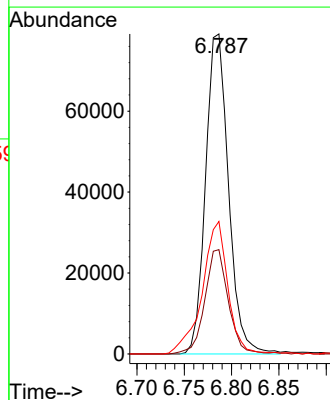
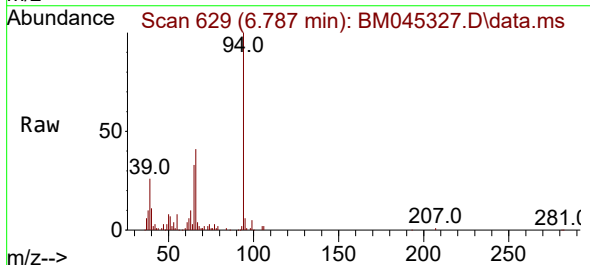
Instrument :
BNA_M
ClientSampleId :

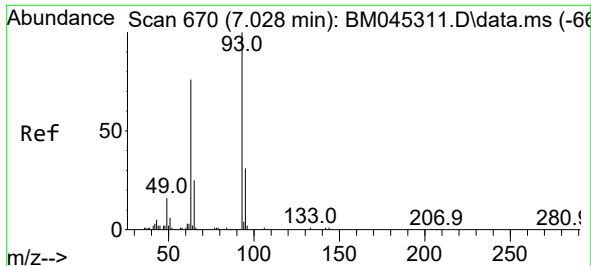
Tgt Ion: 77 Resp: 77513
Ion Ratio Lower Upper
77 100
105 97.3 75.8 113.6
106 92.4 74.6 112.0



#8
Phenol
Concen: 26.491 ng/ul
RT: 6.787 min Scan# 629
Delta R.T. -0.000 min
Lab File: BM045327.D
Acq: 17 Apr 2024 21:20

Tgt Ion: 94 Resp: 133190
Ion Ratio Lower Upper
94 100
65 32.6 21.7 32.5#
66 41.4 31.9 47.9

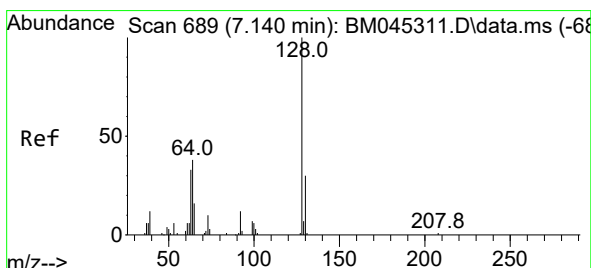
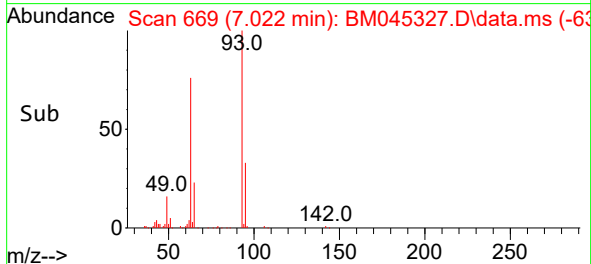
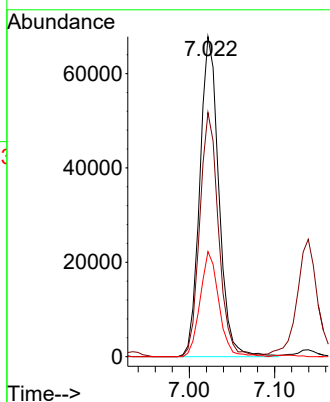
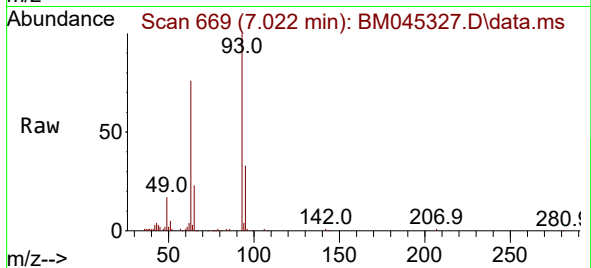




#10
Bis(2-Chloroethyl)ether
Concen: 26.825 ng/ul
RT: 7.022 min Scan# 609
Delta R.T. -0.006 min
Lab File: BM045327.D
Acq: 17 Apr 2024 21:20

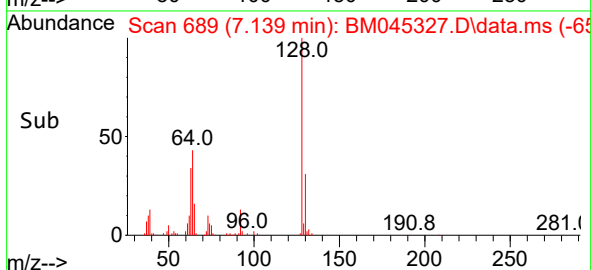
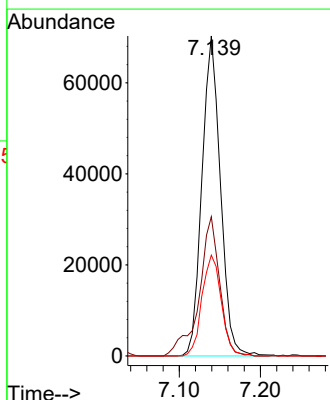
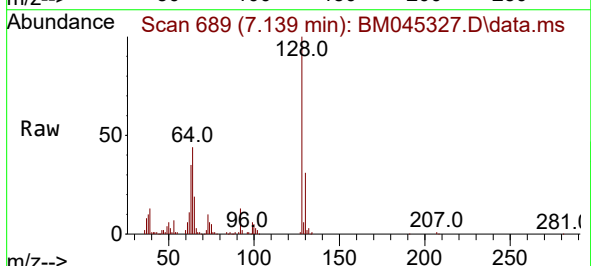
Instrument :
BNA_M
ClientSampleId :

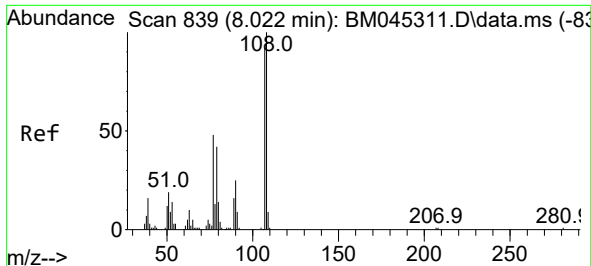
Tgt Ion: 93 Resp: 105258
Ion Ratio Lower Upper
93 100
63 76.3 61.3 91.9
95 32.9 27.6 41.4



#12
2-Chlorophenol
Concen: 27.828 ng/ul
RT: 7.139 min Scan# 689
Delta R.T. -0.000 min
Lab File: BM045327.D
Acq: 17 Apr 2024 21:20

Tgt Ion:128 Resp: 111072
Ion Ratio Lower Upper
128 100
64 43.5 33.3 49.9
130 31.5 26.2 39.4





#13

2-Methylphenol

Concen: 26.285 ng/ul

RT: 8.016 min Scan# 81

Delta R.T. -0.006 min

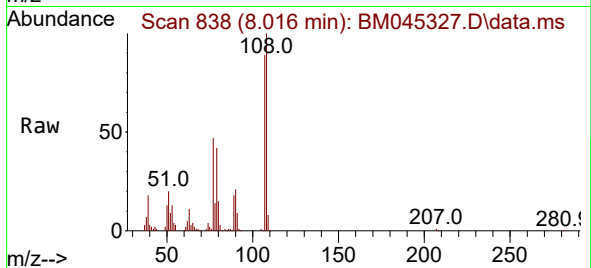
Lab File: BM045327.D

Acq: 17 Apr 2024 21:20

Instrument :

BNA_M

ClientSampleId :

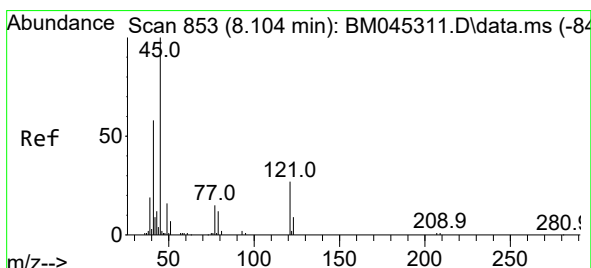
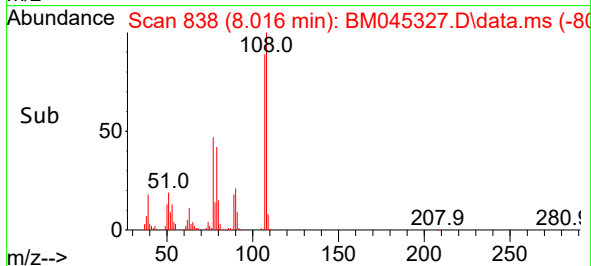
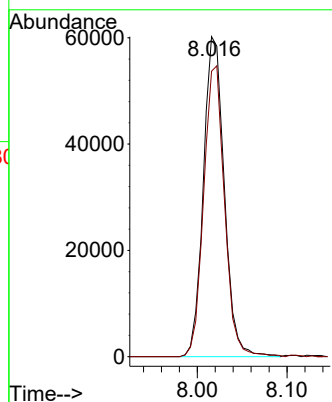


Tgt Ion:108 Resp: 97548

Ion Ratio Lower Upper

108 100

107 89.2 69.1 103.7



#14

2,2'-oxybis(1-Chloropropane)

Concen: 25.802 ng/ul

RT: 8.104 min Scan# 853

Delta R.T. -0.000 min

Lab File: BM045327.D

Acq: 17 Apr 2024 21:20

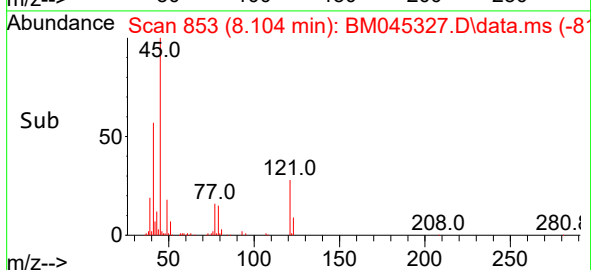
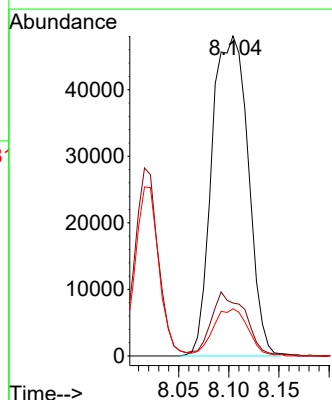
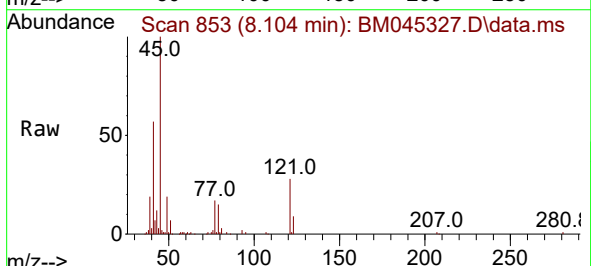
Tgt Ion: 45 Resp: 120757

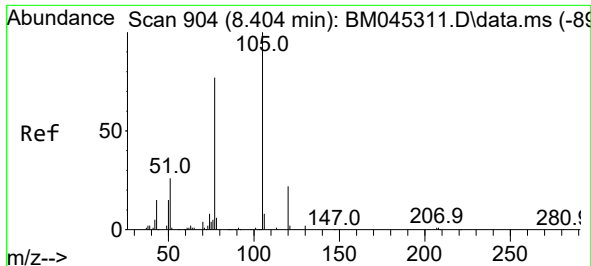
Ion Ratio Lower Upper

45 100

77 16.6 13.4 20.0

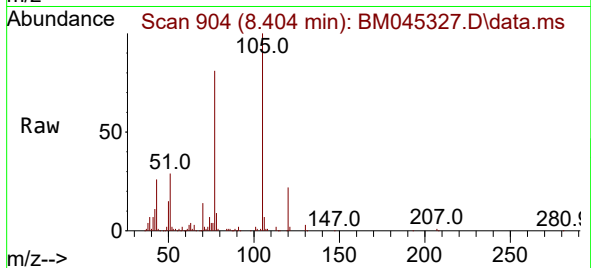
79 14.7 10.1 15.1



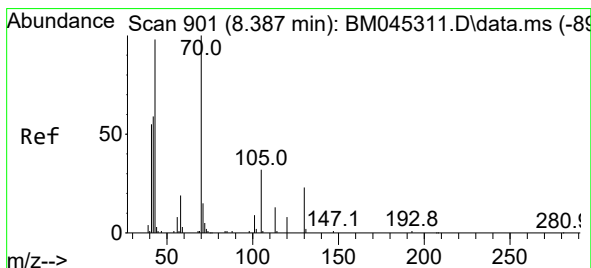
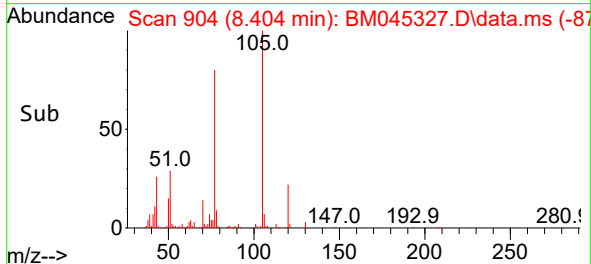
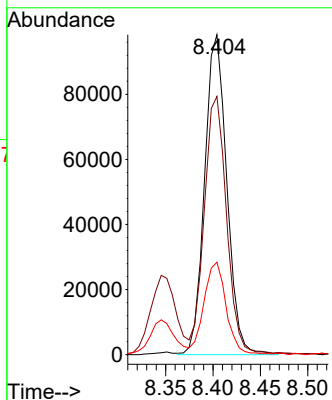


#16
Acetophenone
Concen: 25.929 ng/ul
RT: 8.404 min Scan# 904
Delta R.T. -0.000 min
Lab File: BM045327.D
Acq: 17 Apr 2024 21:20

Instrument :
BNA_M
ClientSampleId :

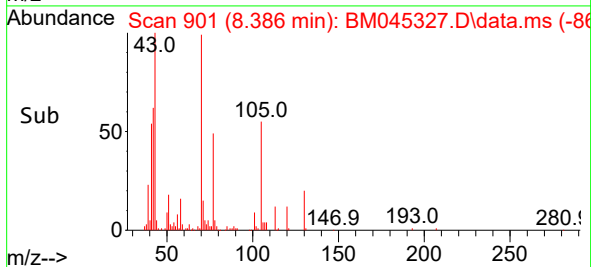
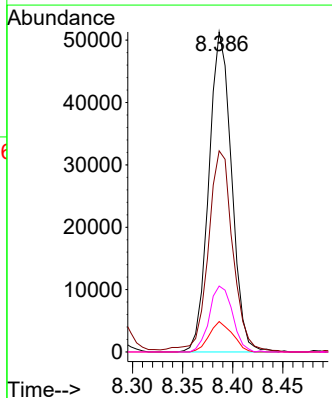
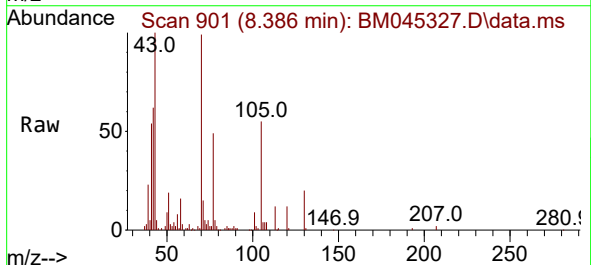


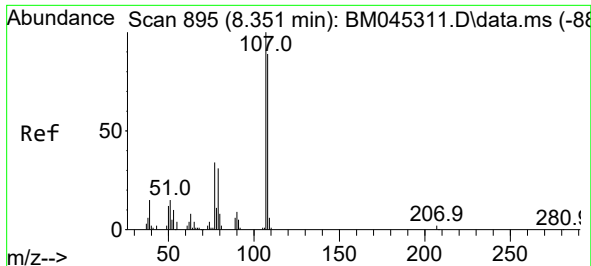
Tgt Ion:105 Resp: 160207
Ion Ratio Lower Upper
105 100
77 80.7 65.8 98.6
51 28.9 21.9 32.9



#17
N-Nitroso-di-n-propylamine
Concen: 27.797 ng/ul
RT: 8.386 min Scan# 901
Delta R.T. -0.000 min
Lab File: BM045327.D
Acq: 17 Apr 2024 21:20

Tgt Ion: 70 Resp: 81092
Ion Ratio Lower Upper
70 100
42 62.9 43.2 64.8
101 9.5 6.4 9.6
130 20.6 16.2 24.2





#18

4-Methylphenol

Concen: 27.336 ng/ul

RT: 8.345 min Scan# 894

Delta R.T. -0.006 min

Lab File: BM045327.D

Acq: 17 Apr 2024 21:20

Instrument :

BNA_M

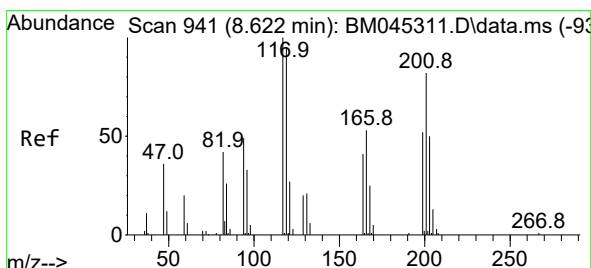
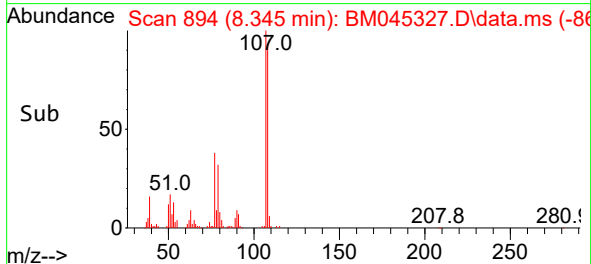
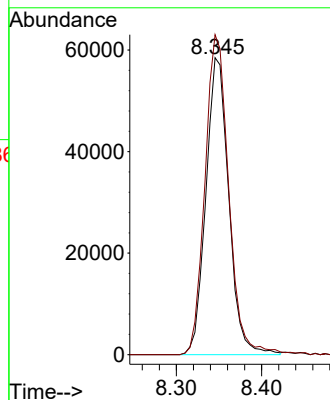
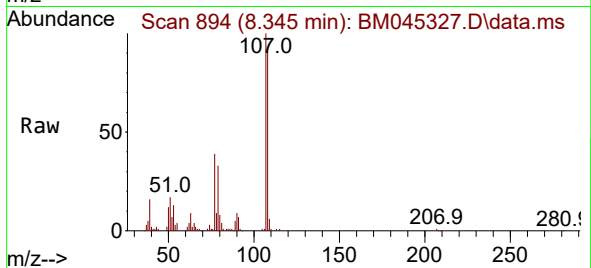
ClientSampleId :

Tgt Ion:108 Resp: 109344

Ion Ratio Lower Upper

108 100

107 107.8 90.0 135.0



#19

Hexachloroethane

Concen: 29.511 ng/ul

RT: 8.622 min Scan# 941

Delta R.T. -0.000 min

Lab File: BM045327.D

Acq: 17 Apr 2024 21:20

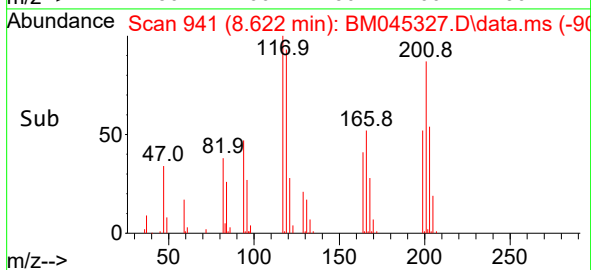
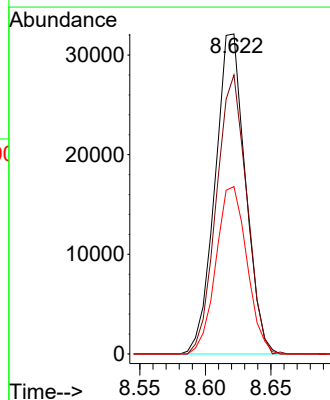
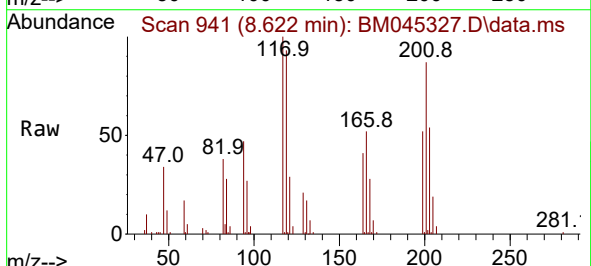
Tgt Ion:117 Resp: 51806

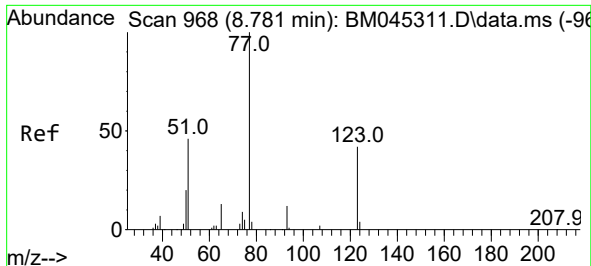
Ion Ratio Lower Upper

117 100

201 87.2 73.0 109.4

199 52.3 44.4 66.6

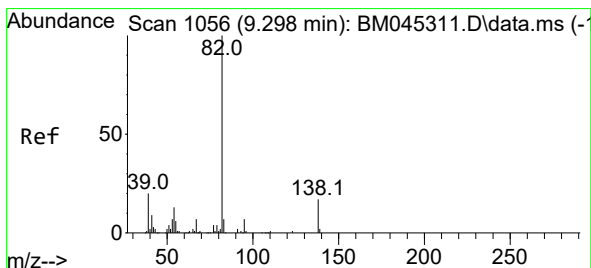
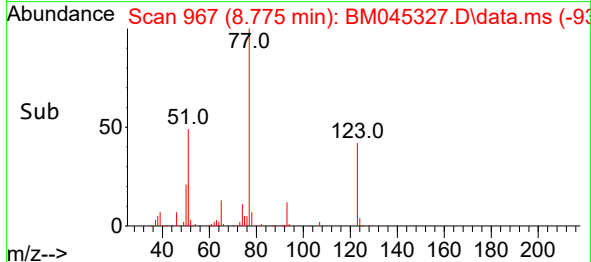
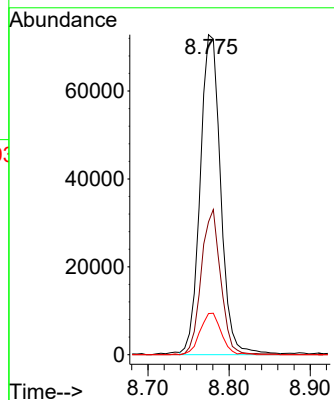
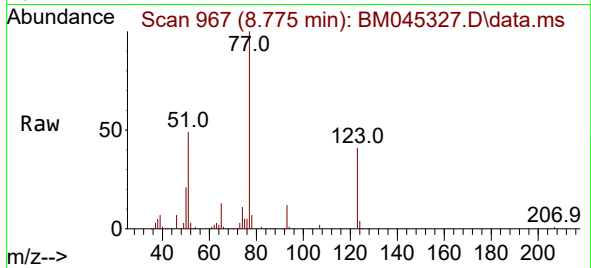




#22
Nitrobenzene
Concen: 28.349 ng/ul
RT: 8.775 min Scan# 90
Delta R.T. -0.006 min
Lab File: BM045327.D
Acq: 17 Apr 2024 21:20

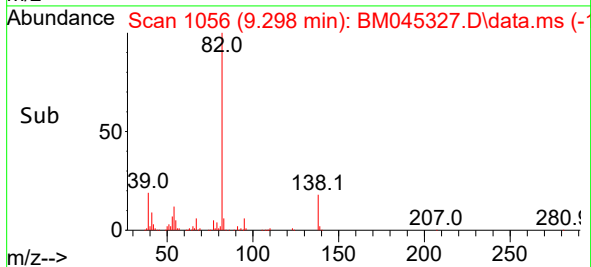
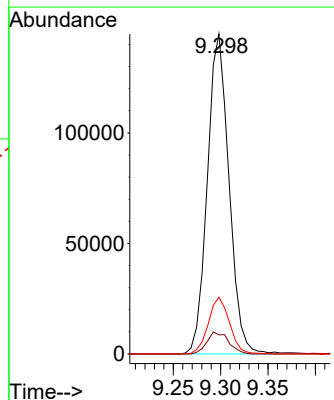
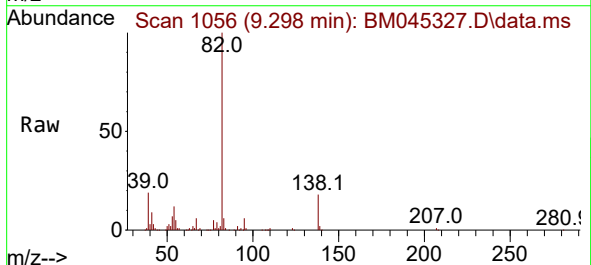
Instrument :
BNA_M
ClientSampleId :

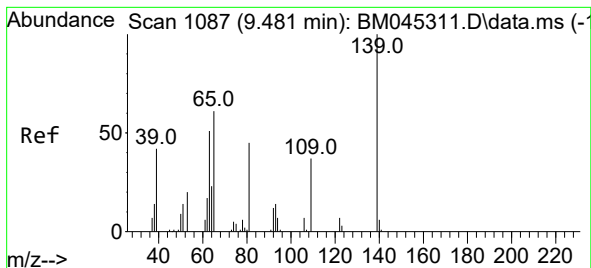
Tgt Ion: 77 Resp: 128004
Ion Ratio Lower Upper
77 100
123 41.5 37.4 56.2
65 12.8 10.7 16.1



#23
Isophorone
Concen: 27.683 ng/ul
RT: 9.298 min Scan# 1056
Delta R.T. -0.000 min
Lab File: BM045327.D
Acq: 17 Apr 2024 21:20

Tgt Ion: 82 Resp: 229654
Ion Ratio Lower Upper
82 100
95 6.0 5.1 7.7
138 17.7 14.2 21.4





#25

2-Nitrophenol

Concen: 28.488 ng/ul

RT: 9.475 min Scan# 1086

Delta R.T. -0.006 min

Lab File: BM045327.D

Acq: 17 Apr 2024 21:20

Instrument :

BNA_M

ClientSampleId :

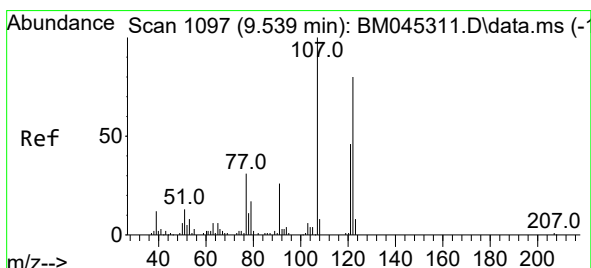
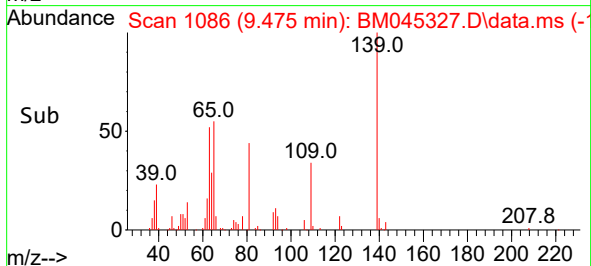
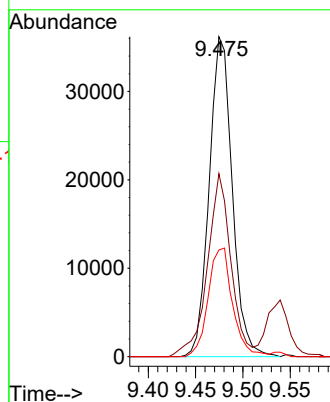
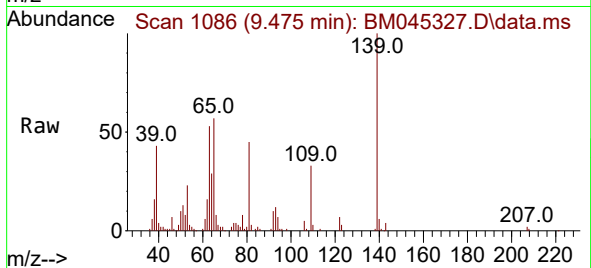
Tgt Ion:139 Resp: 61421

Ion Ratio Lower Upper

139 100

65 57.2 34.9 52.3#

109 33.3 24.4 36.6



#26

2,4-Dimethylphenol

Concen: 22.792 ng/ul

RT: 9.539 min Scan# 1097

Delta R.T. -0.000 min

Lab File: BM045327.D

Acq: 17 Apr 2024 21:20

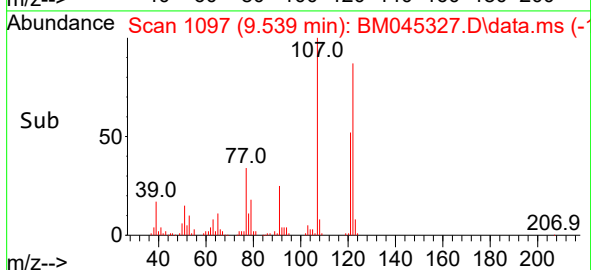
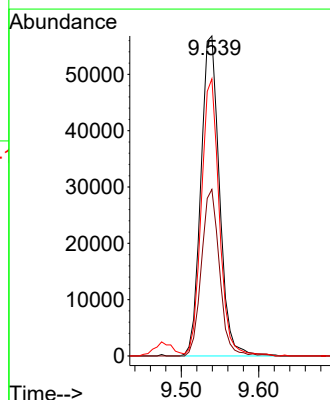
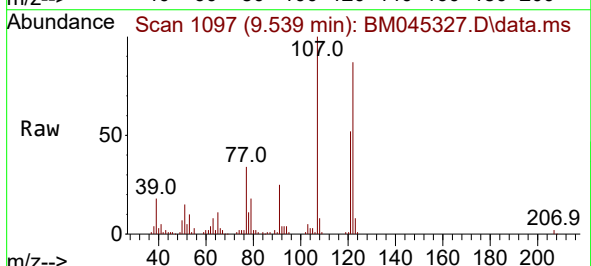
Tgt Ion:107 Resp: 94739

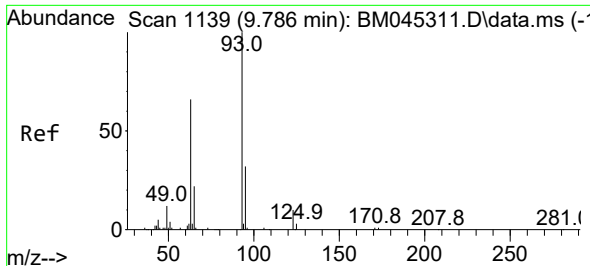
Ion Ratio Lower Upper

107 100

121 52.1 41.1 61.7

122 86.6 69.1 103.7

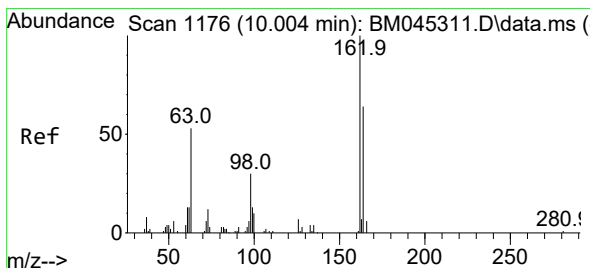
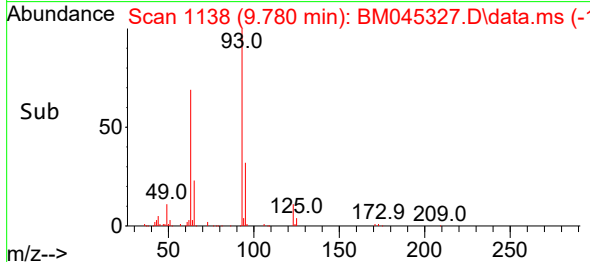
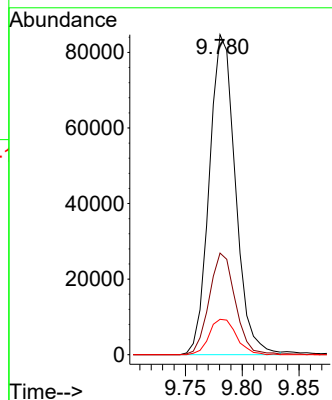
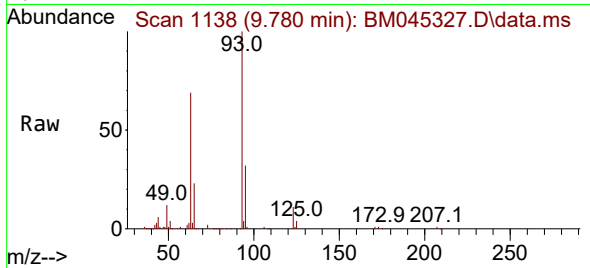




#27
 Bis(2-Chloroethoxy)methane
 Concen: 27.484 ng/ul
 RT: 9.780 min Scan# 1139
 Delta R.T. -0.006 min
 Lab File: BM045327.D
 Acq: 17 Apr 2024 21:20

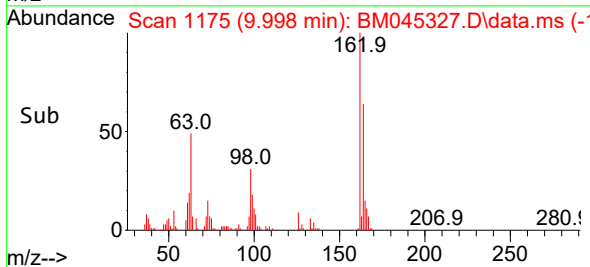
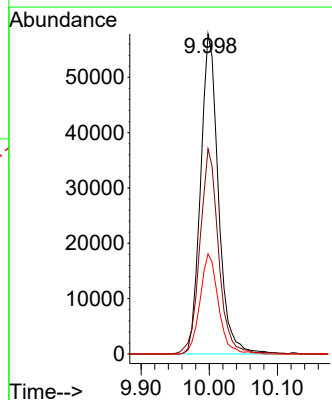
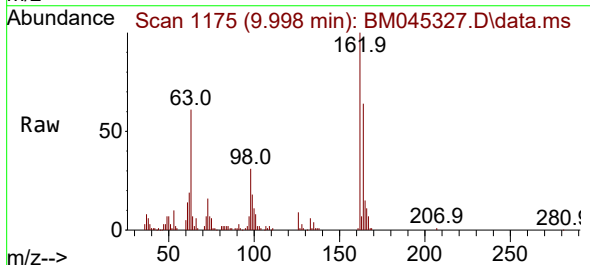
Instrument :
 BNA_M
 ClientSampleId :

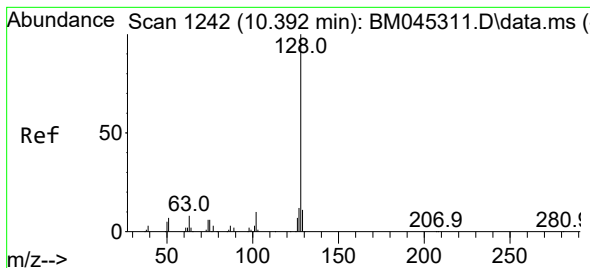
Tgt Ion: 93 Resp: 135169
 Ion Ratio Lower Upper
 93 100
 95 31.7 26.9 40.3
 123 11.0 9.1 13.7



#29
 2,4-Dichlorophenol
 Concen: 29.161 ng/ul
 RT: 9.998 min Scan# 1175
 Delta R.T. -0.006 min
 Lab File: BM045327.D
 Acq: 17 Apr 2024 21:20

Tgt Ion: 162 Resp: 104930
 Ion Ratio Lower Upper
 162 100
 164 64.1 50.4 75.6
 98 31.3 27.0 40.4

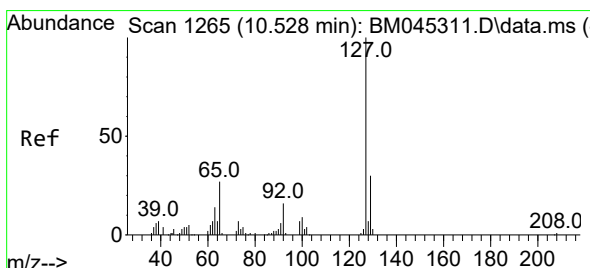
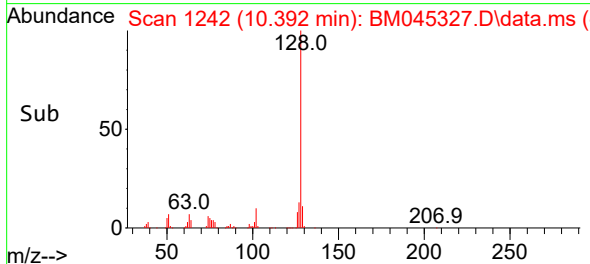
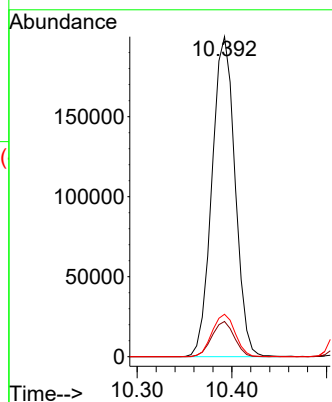
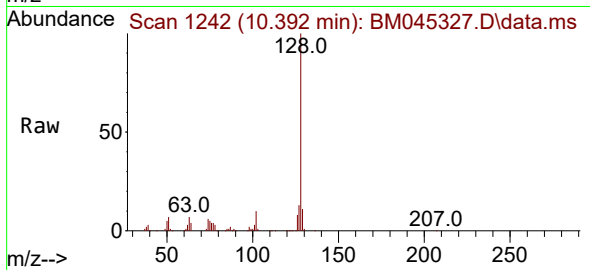




#30
Naphthalene
Concen: 26.647 ng/ul
RT: 10.392 min Scan# 1242
Delta R.T. -0.000 min
Lab File: BM045327.D
Acq: 17 Apr 2024 21:20

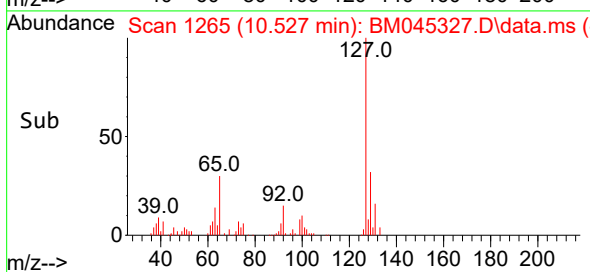
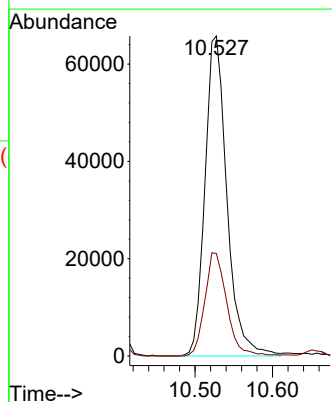
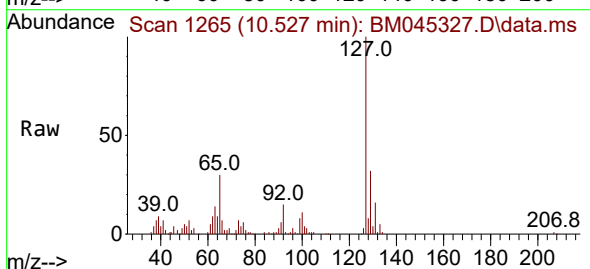
Instrument :
BNA_M
ClientSampleId :

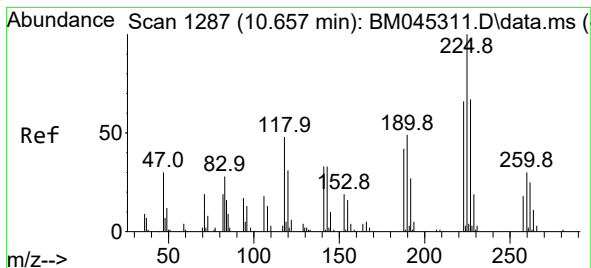
Tgt Ion:128 Resp: 337981
Ion Ratio Lower Upper
128 100
129 11.0 8.5 12.7
127 13.3 10.2 15.4



#32
4-Chloroaniline
Concen: 23.455 ng/ul
RT: 10.527 min Scan# 1265
Delta R.T. -0.000 min
Lab File: BM045327.D
Acq: 17 Apr 2024 21:20

Tgt Ion:127 Resp: 129415
Ion Ratio Lower Upper
127 100
129 32.0 26.2 39.2





#33

Hexachlorobutadiene

Concen: 26.681 ng/ul

RT: 10.657 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM045327.D

Acq: 17 Apr 2024 21:20

Instrument :

BNA_M

ClientSampleId :

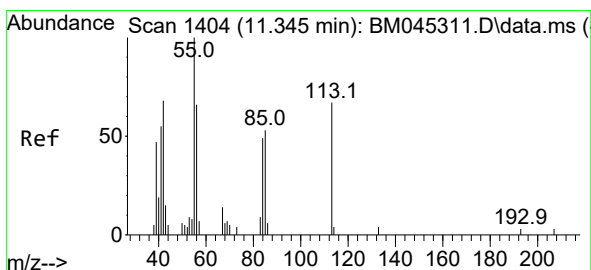
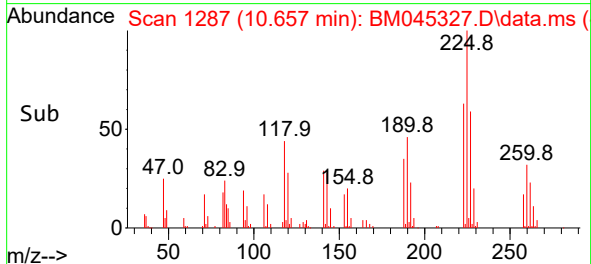
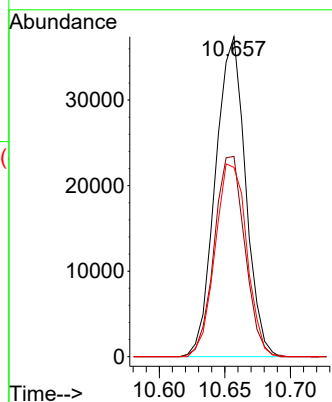
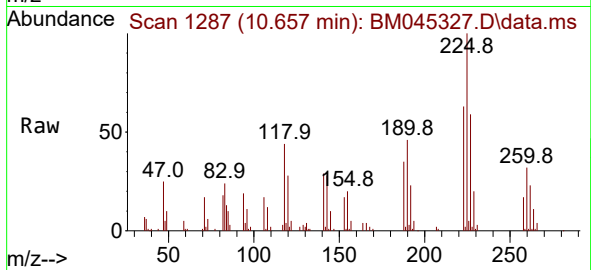
Tgt Ion:225 Resp: 59694

Ion Ratio Lower Upper

225 100

223 65.0 45.3 67.9

227 59.2 47.6 71.4



#34

Caprolactam

Concen: 14.493 ng/ul

RT: 11.333 min Scan# 1402

Delta R.T. -0.012 min

Lab File: BM045327.D

Acq: 17 Apr 2024 21:20

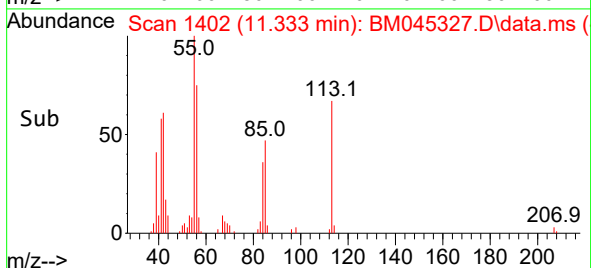
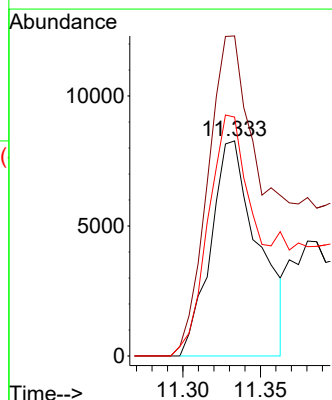
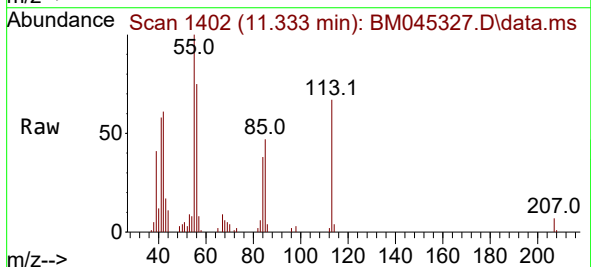
Tgt Ion:113 Resp: 17606

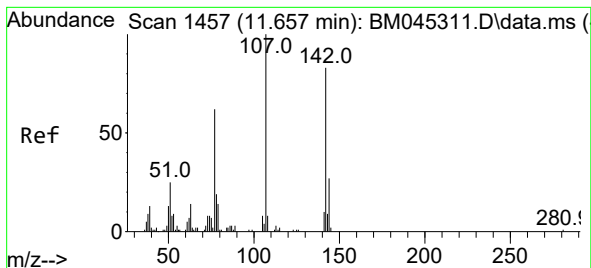
Ion Ratio Lower Upper

113 100

55 148.7 125.4 188.0

56 111.1 91.8 137.8

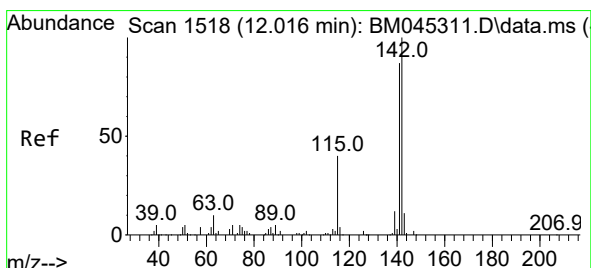
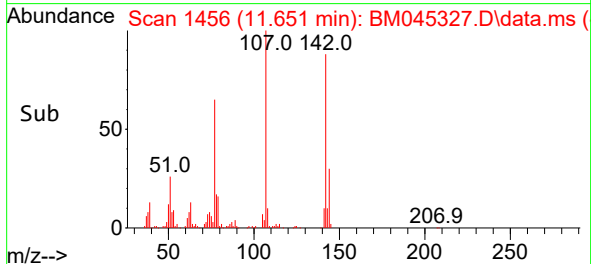
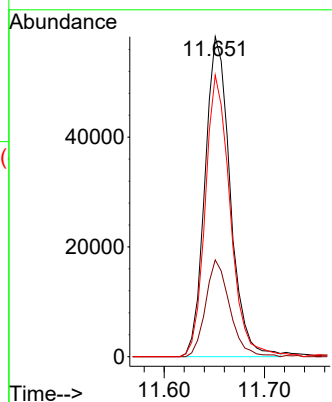
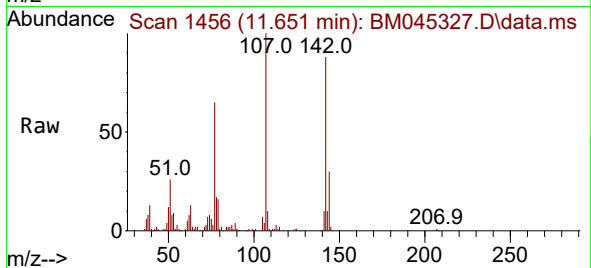




#35
4-Chloro-3-methylphenol
Concen: 28.476 ng/ul
RT: 11.651 min Scan# 1456
Delta R.T. -0.006 min
Lab File: BM045327.D
Acq: 17 Apr 2024 21:20

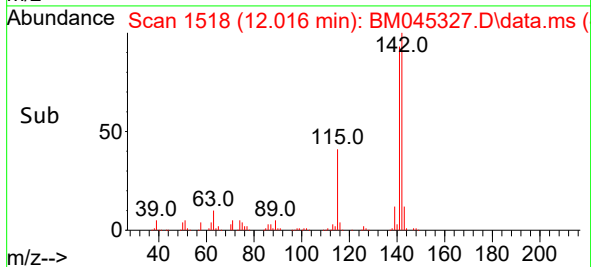
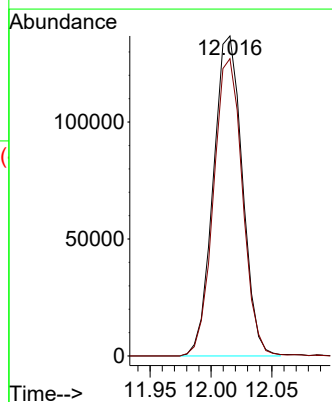
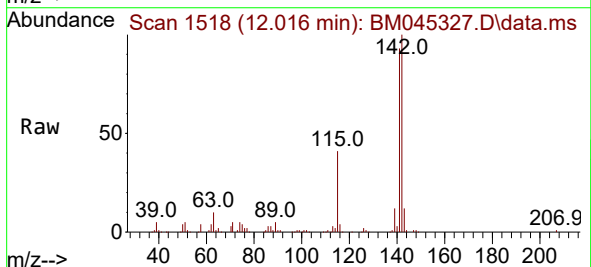
Instrument :
BNA_M
ClientSampleId :

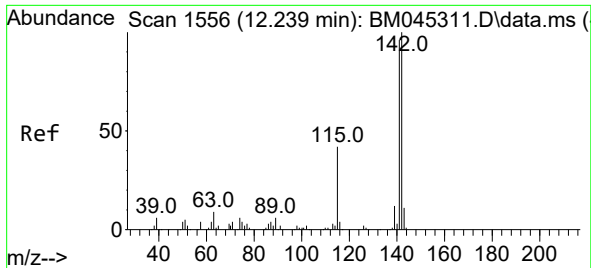
Tgt Ion:107 Resp: 101858
Ion Ratio Lower Upper
107 100
144 30.3 22.8 34.2
142 88.0 69.8 104.6



#36
2-Methylnaphthalene
Concen: 27.463 ng/ul
RT: 12.016 min Scan# 1518
Delta R.T. -0.000 min
Lab File: BM045327.D
Acq: 17 Apr 2024 21:20

Tgt Ion:142 Resp: 227434
Ion Ratio Lower Upper
142 100
141 92.9 72.3 108.5

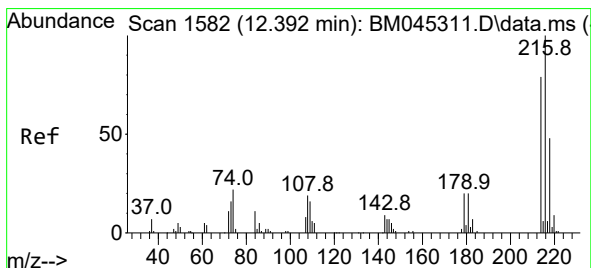
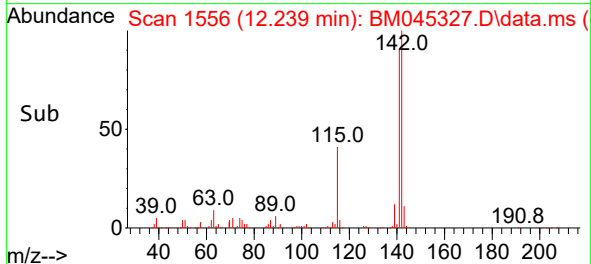
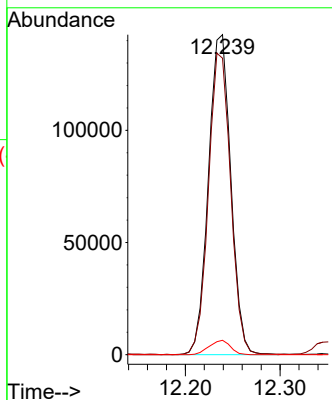
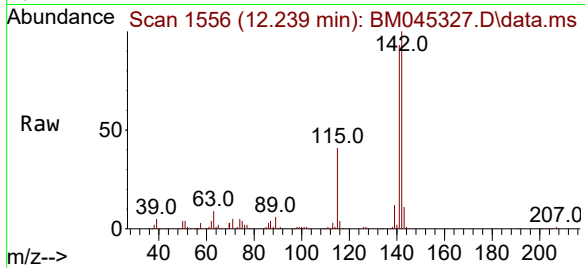




#37
1-Methylnaphthalene
Concen: 27.932 ng/ul
RT: 12.239 min Scan# 1556
Delta R.T. -0.000 min
Lab File: BM045327.D
Acq: 17 Apr 2024 21:20

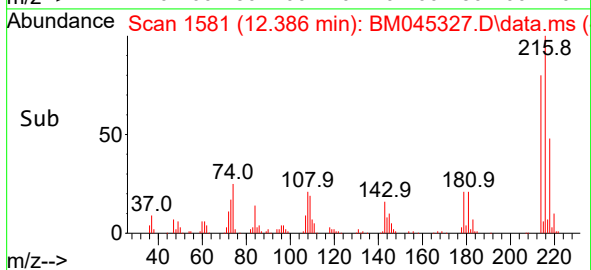
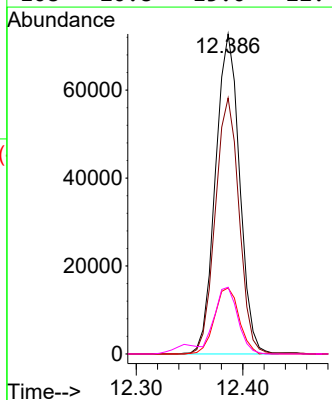
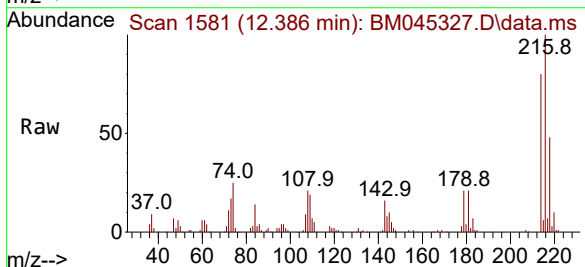
Instrument :
BNA_M
ClientSampleId :

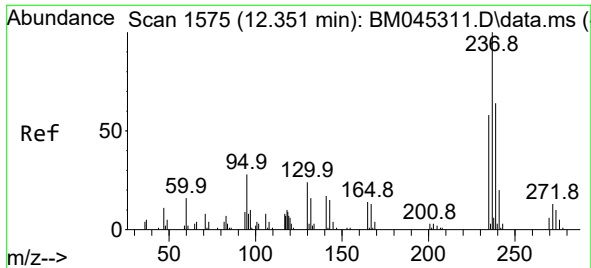
Tgt Ion:142 Resp: 234080
Ion Ratio Lower Upper
142 100
141 92.6 77.2 115.8
116 4.5 3.2 4.8



#39
1,2,4,5-Tetrachlorobenzene
Concen: 27.643 ng/ul
RT: 12.386 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BM045327.D
Acq: 17 Apr 2024 21:20

Tgt Ion:216 Resp: 114229
Ion Ratio Lower Upper
216 100
214 80.0 63.5 95.3
179 20.6 16.6 25.0
108 20.8 15.0 22.4

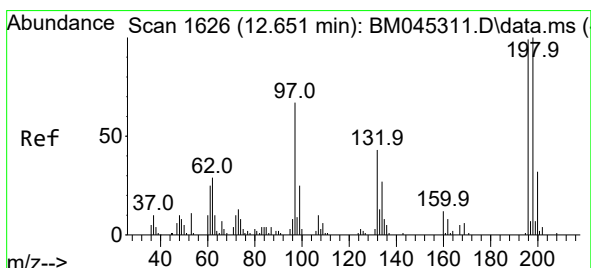
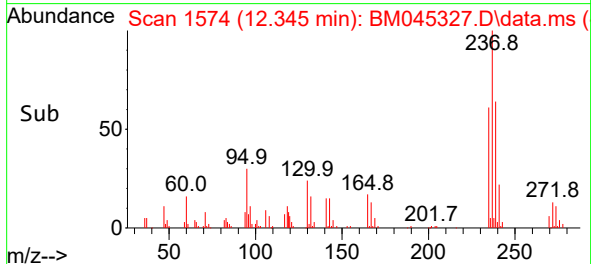
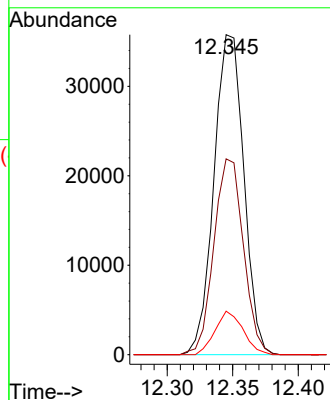
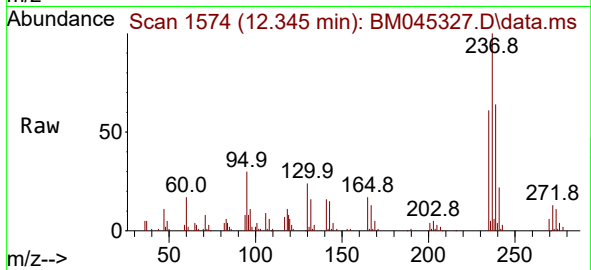




#40
Hexachlorocyclopentadiene
Concen: 22.642 ng/ul
RT: 12.345 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM045327.D
Acq: 17 Apr 2024 21:20

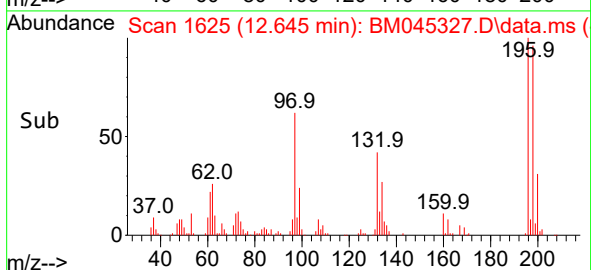
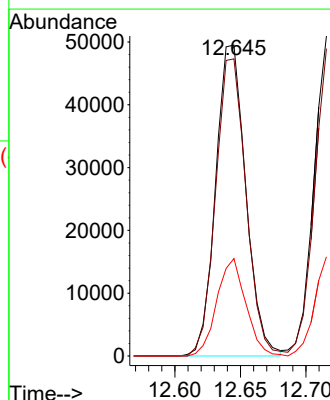
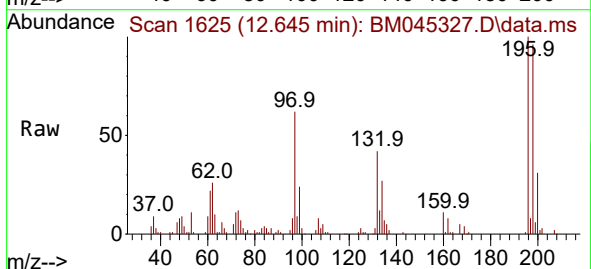
Instrument :
BNA_M
ClientSampleId :

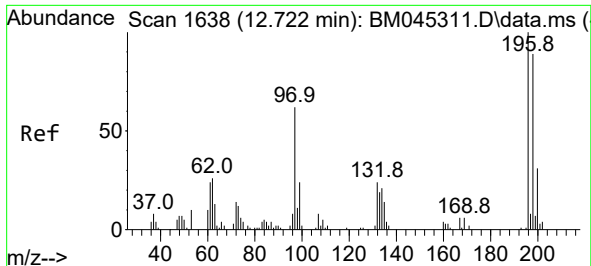
Tgt Ion:237 Resp: 56641
Ion Ratio Lower Upper
237 100
235 61.2 51.3 76.9
272 13.6 10.1 15.1



#41
2,4,6-Trichlorophenol
Concen: 29.326 ng/ul
RT: 12.645 min Scan# 1625
Delta R.T. -0.006 min
Lab File: BM045327.D
Acq: 17 Apr 2024 21:20

Tgt Ion:196 Resp: 79053
Ion Ratio Lower Upper
196 100
198 95.6 79.4 119.2
200 31.3 25.0 37.4

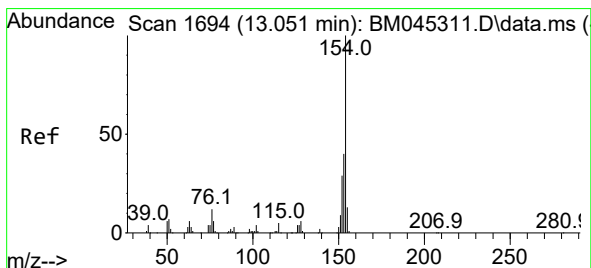
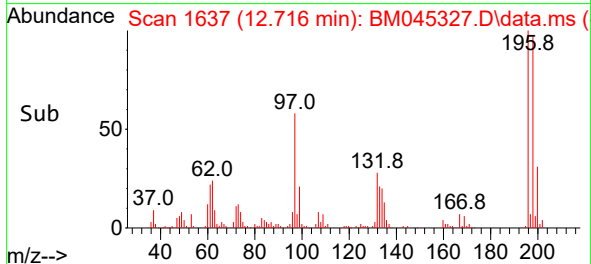
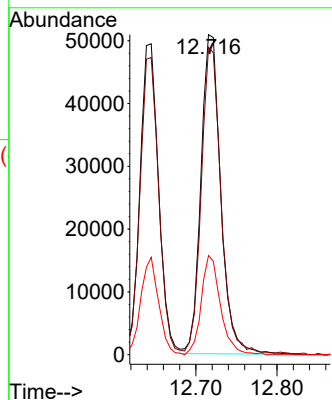
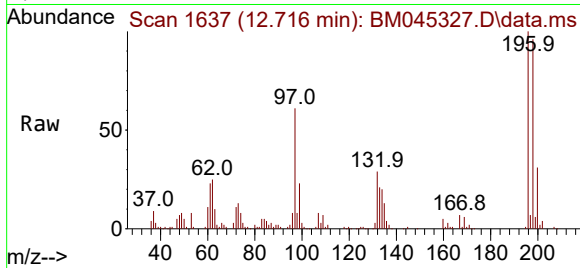




#42
2,4,5-Trichlorophenol
Concen: 29.052 ng/ul
RT: 12.716 min Scan# 1637
Delta R.T. -0.006 min
Lab File: BM045327.D
Acq: 17 Apr 2024 21:20

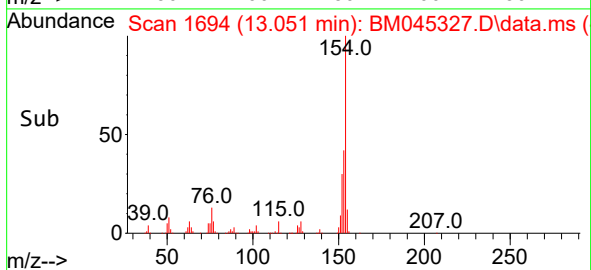
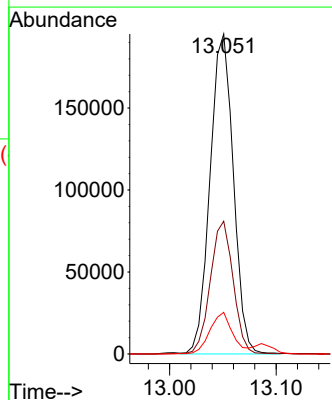
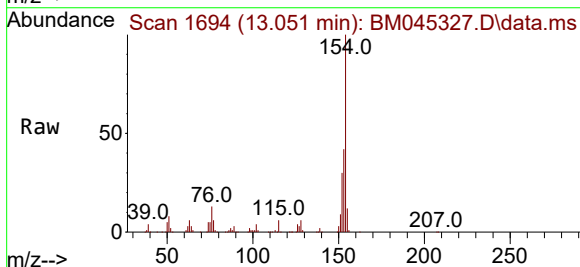
Instrument :
BNA_M
ClientSampleId :

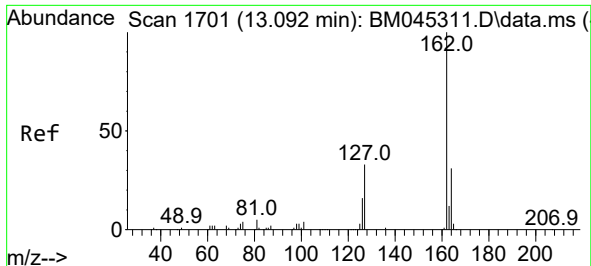
Tgt Ion:196 Resp: 86289
Ion Ratio Lower Upper
196 100
198 96.0 79.9 119.9
200 31.0 25.6 38.4



#43
1,1'-Biphenyl
Concen: 27.815 ng/ul
RT: 13.051 min Scan# 1694
Delta R.T. -0.000 min
Lab File: BM045327.D
Acq: 17 Apr 2024 21:20

Tgt Ion:154 Resp: 296792
Ion Ratio Lower Upper
154 100
153 41.5 31.6 47.4
76 13.0 10.4 15.6

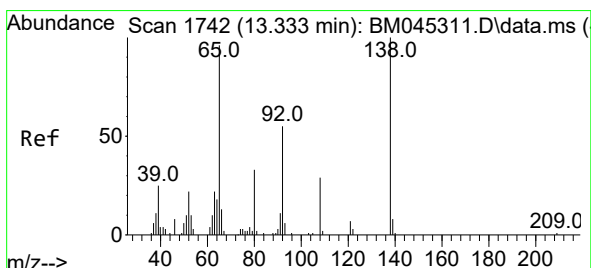
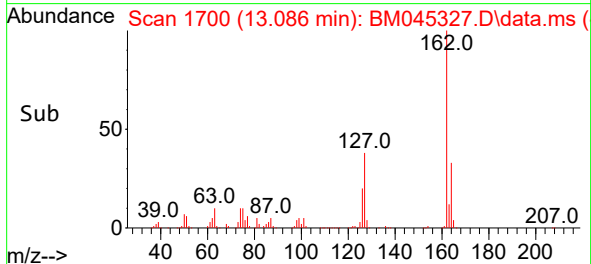
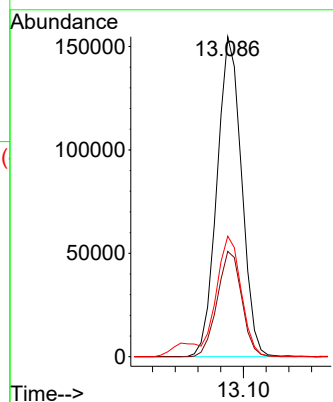
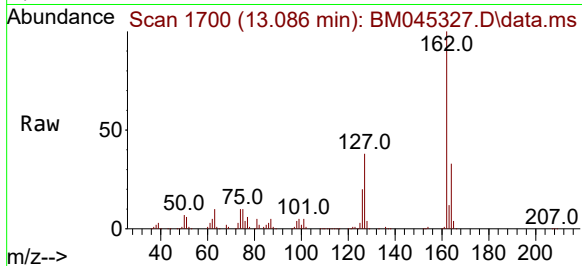




#44
2-Chloronaphthalene
Concen: 26.845 ng/ul
RT: 13.086 min Scan# 1700
Delta R.T. -0.006 min
Lab File: BM045327.D
Acq: 17 Apr 2024 21:20

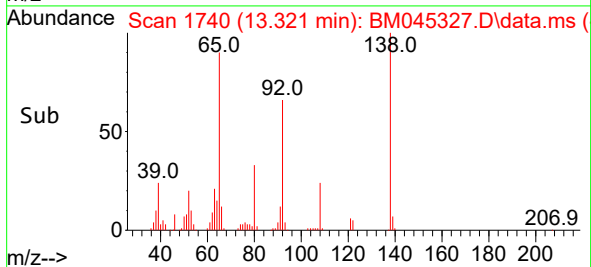
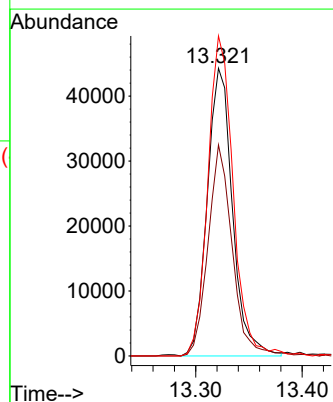
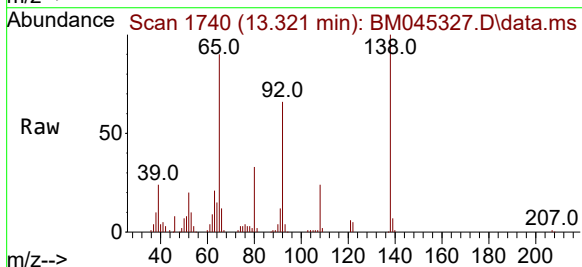
Instrument :
BNA_M
ClientSampleId :

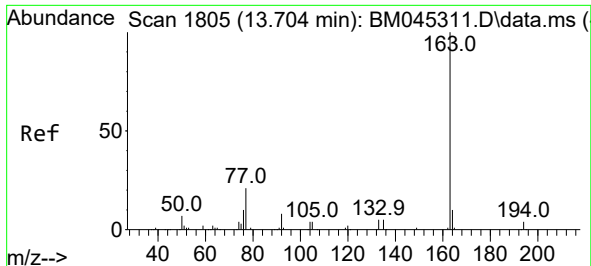
Tgt Ion:162 Resp: 232712
Ion Ratio Lower Upper
162 100
164 32.9 26.1 39.1
127 37.7 30.1 45.1



#45
2-Nitroaniline
Concen: 30.455 ng/ul
RT: 13.321 min Scan# 1740
Delta R.T. -0.012 min
Lab File: BM045327.D
Acq: 17 Apr 2024 21:20

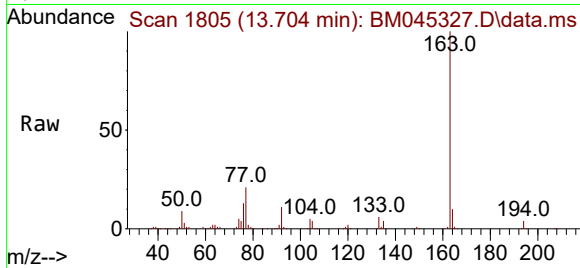
Tgt Ion: 65 Resp: 72877
Ion Ratio Lower Upper
65 100
92 73.4 55.2 82.8
138 111.3 93.0 139.4



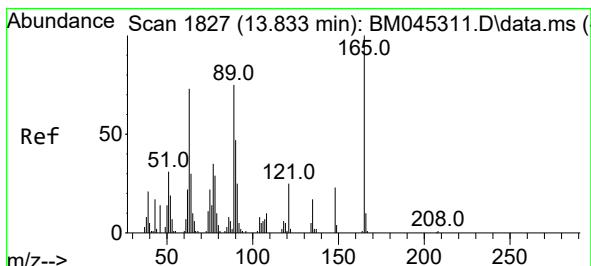
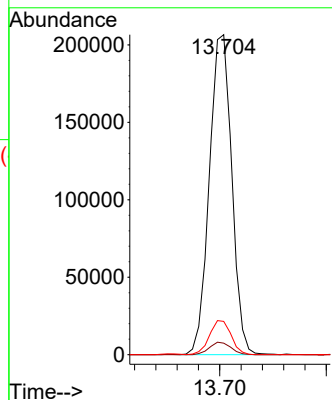
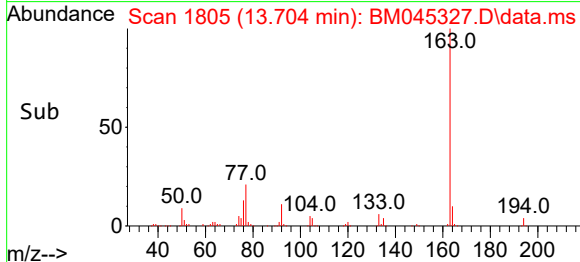


#47
Dimethylphthalate
Concen: 27.459 ng/ul
RT: 13.704 min Scan# 1805
Delta R.T. -0.000 min
Lab File: BM045327.D
Acq: 17 Apr 2024 21:20

Instrument :
BNA_M
ClientSampleId :

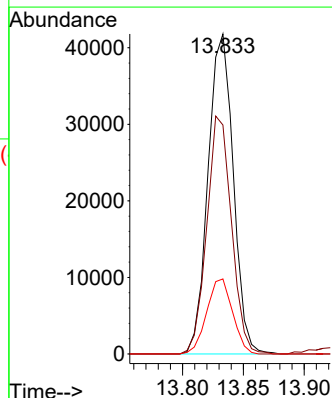
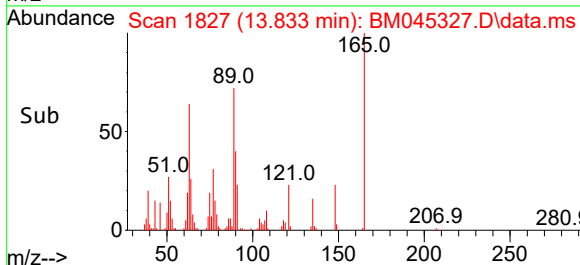
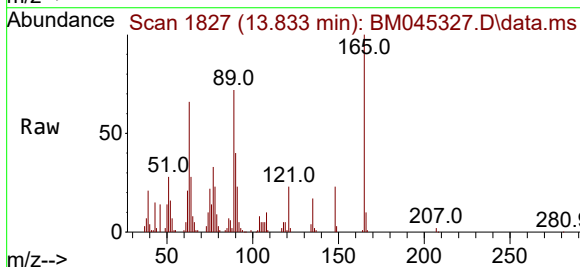


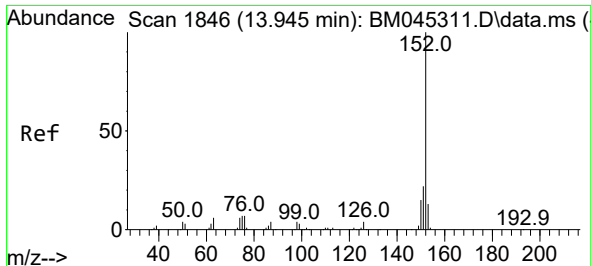
Tgt Ion:163 Resp: 301954
Ion Ratio Lower Upper
163 100
194 3.6 2.8 4.2
164 10.4 7.8 11.8



#48
2,6-Dinitrotoluene
Concen: 27.938 ng/ul
RT: 13.833 min Scan# 1827
Delta R.T. -0.000 min
Lab File: BM045327.D
Acq: 17 Apr 2024 21:20

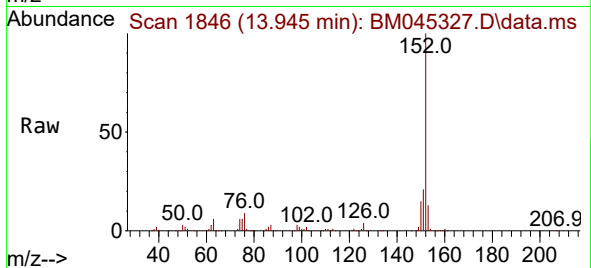
Tgt Ion:165 Resp: 60217
Ion Ratio Lower Upper
165 100
89 71.6 45.0 67.4#
121 23.5 18.0 27.0



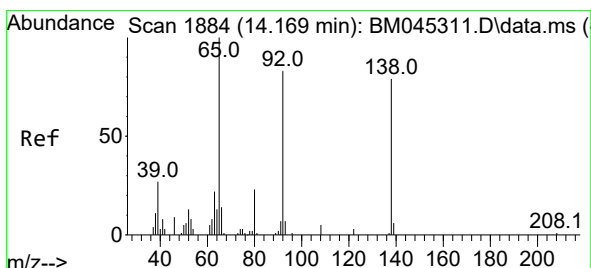
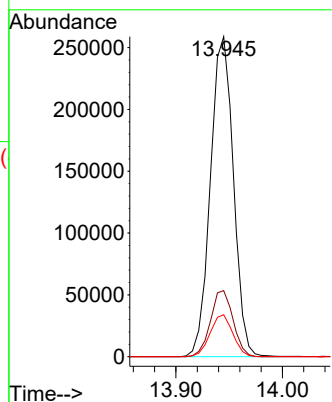
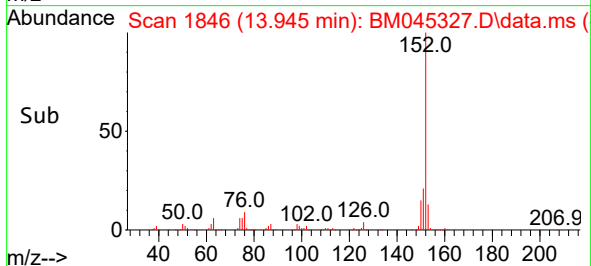


#50
Acenaphthylene
Concen: 26.749 ng/ul
RT: 13.945 min Scan# 1846
Delta R.T. -0.000 min
Lab File: BM045327.D
Acq: 17 Apr 2024 21:20

Instrument :
BNA_M
ClientSampleId :

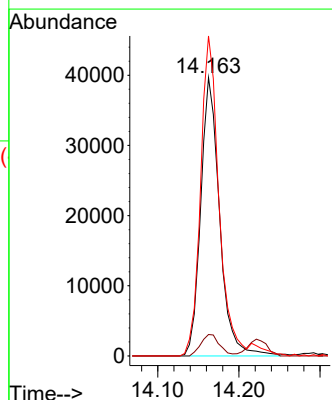
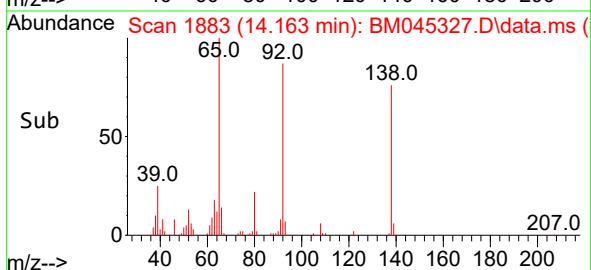
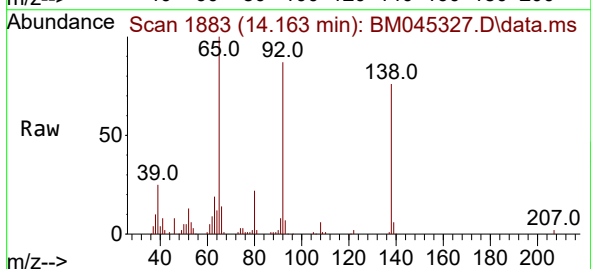


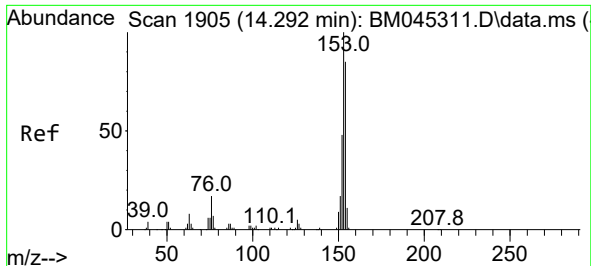
Tgt Ion:152 Resp: 388301
Ion Ratio Lower Upper
152 100
151 20.6 16.0 24.0
153 13.1 10.2 15.2



#51
3-Nitroaniline
Concen: 27.323 ng/ul
RT: 14.163 min Scan# 1883
Delta R.T. -0.006 min
Lab File: BM045327.D
Acq: 17 Apr 2024 21:20

Tgt Ion:138 Resp: 64239
Ion Ratio Lower Upper
138 100
108 7.7 6.5 9.7
92 114.9 81.4 122.0

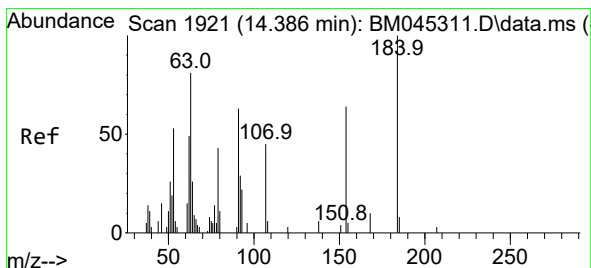
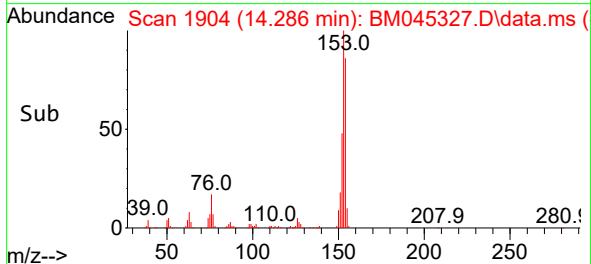
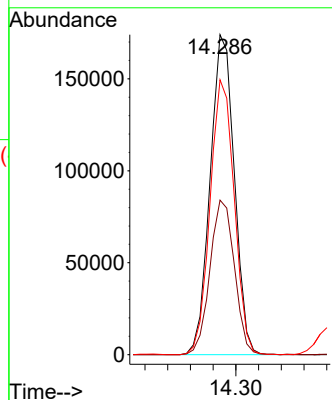
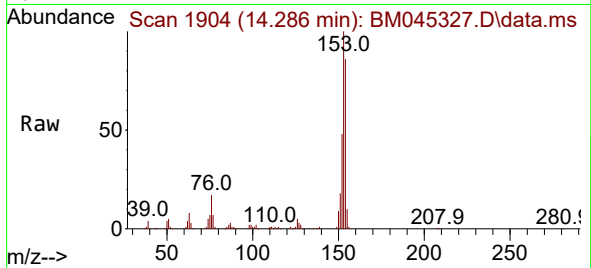




#52
Acenaphthene
Concen: 26.556 ng/ul
RT: 14.286 min Scan# 1904
Delta R.T. -0.006 min
Lab File: BM045327.D
Acq: 17 Apr 2024 21:20

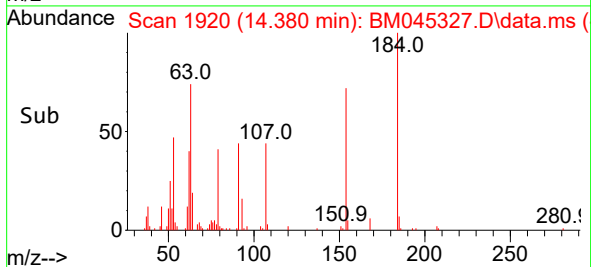
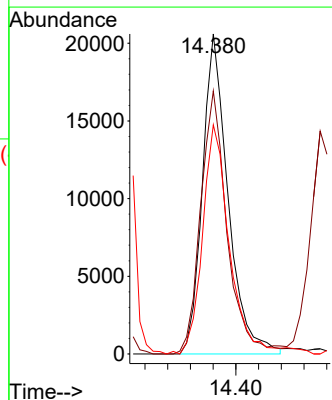
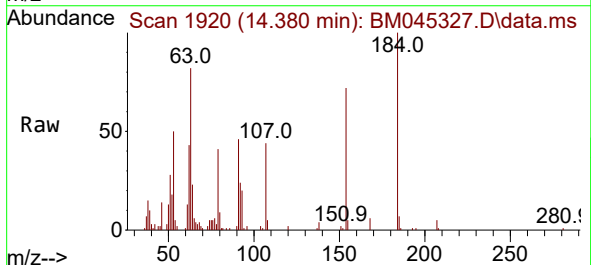
Instrument :
BNA_M
ClientSampleId :

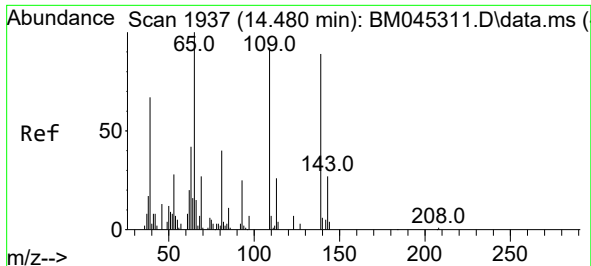
Tgt Ion:153 Resp: 257229
Ion Ratio Lower Upper
153 100
152 48.3 38.6 58.0
154 85.9 69.4 104.2



#53
2,4-Dinitrophenol
Concen: 25.165 ng/ul
RT: 14.380 min Scan# 1920
Delta R.T. -0.006 min
Lab File: BM045327.D
Acq: 17 Apr 2024 21:20

Tgt Ion:184 Resp: 32247
Ion Ratio Lower Upper
184 100
63 82.2 56.9 85.3
154 71.6 50.3 75.5

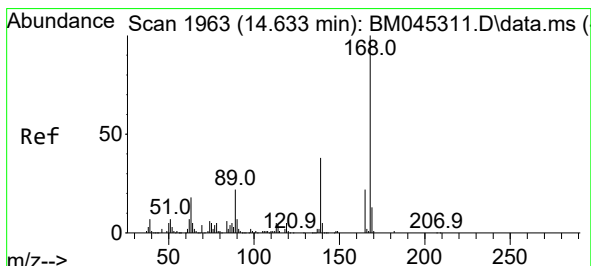
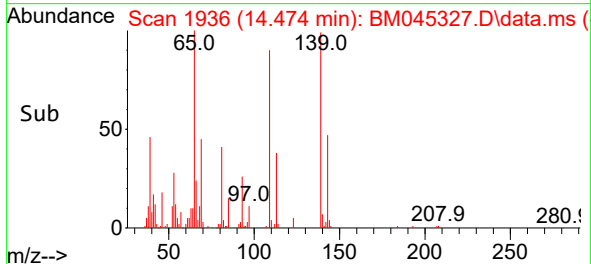
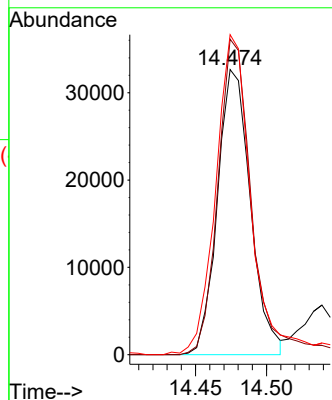
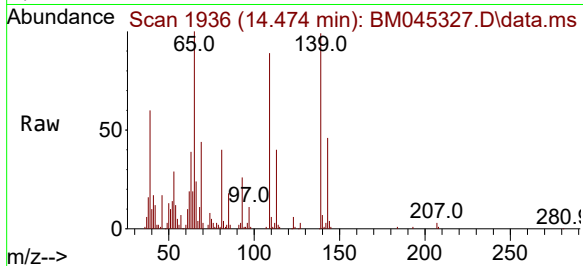




#55
4-Nitrophenol
Concen: 27.272 ng/ul
RT: 14.474 min Scan# 1936
Delta R.T. -0.006 min
Lab File: BM045327.D
Acq: 17 Apr 2024 21:20

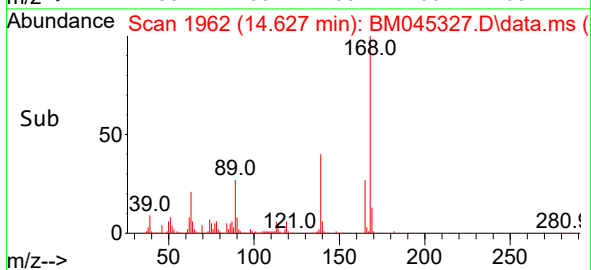
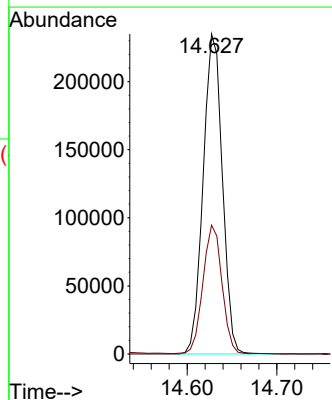
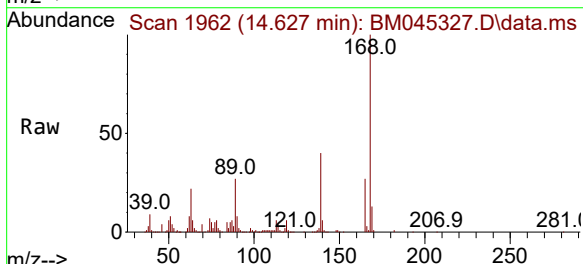
Instrument :
BNA_M
ClientSampleId :

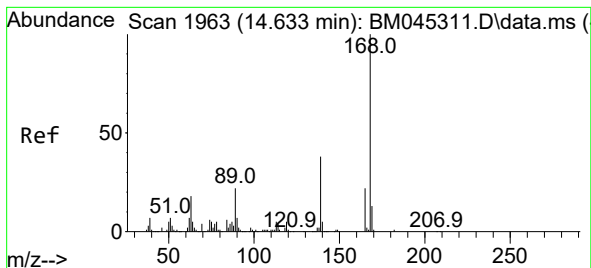
Tgt Ion:109 Resp: 52664
Ion Ratio Lower Upper
109 100
139 110.7 107.7 161.5
65 112.2 96.3 144.5



#56
Dibenzofuran
Concen: 26.313 ng/ul
RT: 14.627 min Scan# 1962
Delta R.T. -0.006 min
Lab File: BM045327.D
Acq: 17 Apr 2024 21:20

Tgt Ion:168 Resp: 348776
Ion Ratio Lower Upper
168 100
139 40.3 30.6 46.0

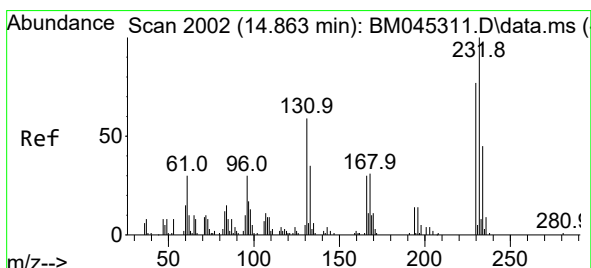
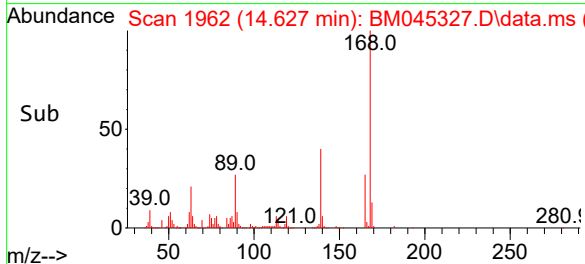
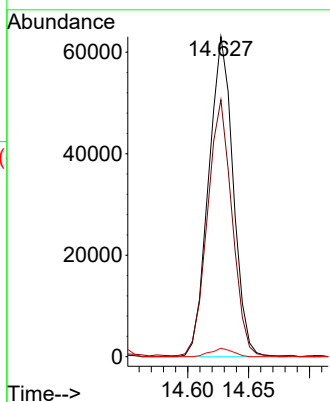
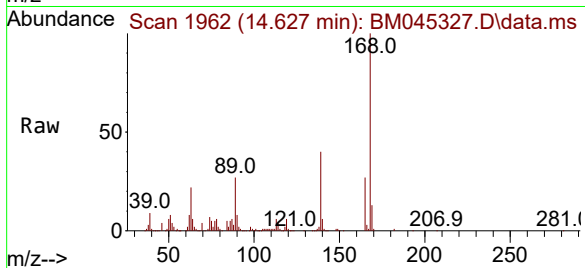




#57
2,4-Dinitrotoluene
Concen: 27.412 ng/ul
RT: 14.627 min Scan# 1962
Delta R.T. -0.006 min
Lab File: BM045327.D
Acq: 17 Apr 2024 21:20

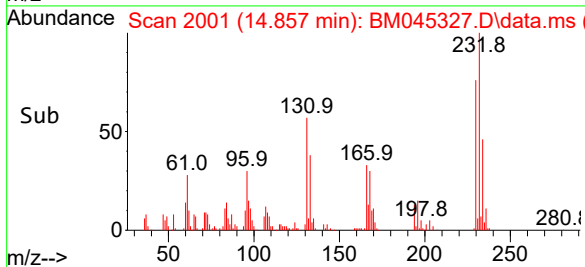
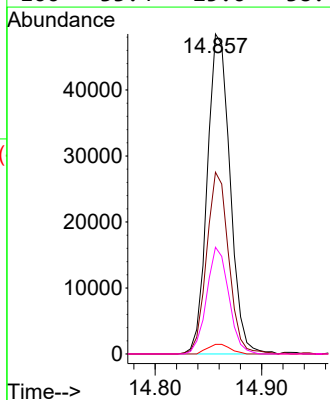
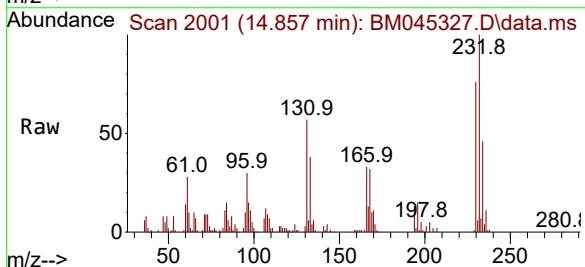
Instrument :
BNA_M
ClientSampleId :

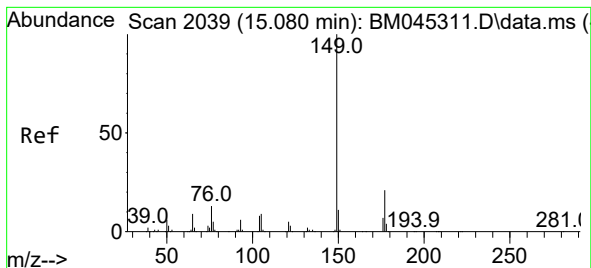
Tgt Ion:165 Resp: 88439
Ion Ratio Lower Upper
165 100
63 80.3 52.0 78.0#
182 2.7 2.3 3.5



#58
2,3,4,6-Tetrachlorophenol
Concen: 28.378 ng/ul
RT: 14.857 min Scan# 2001
Delta R.T. -0.006 min
Lab File: BM045327.D
Acq: 17 Apr 2024 21:20

Tgt Ion:232 Resp: 72137
Ion Ratio Lower Upper
232 100
131 56.8 43.4 65.0
130 3.0 2.6 4.0
166 33.4 25.6 38.4





#59

Diethylphthalate

Concen: 28.140 ng/ul

RT: 15.074 min Scan# 2038

Delta R.T. -0.006 min

Lab File: BM045327.D

Acq: 17 Apr 2024 21:20

Instrument :

BNA_M

ClientSampleId :

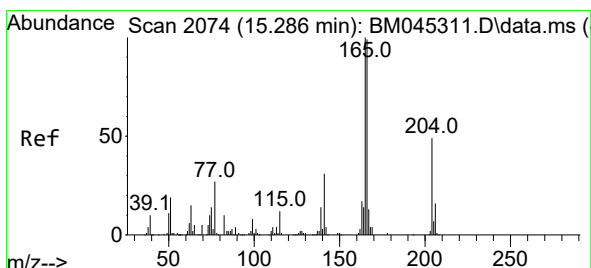
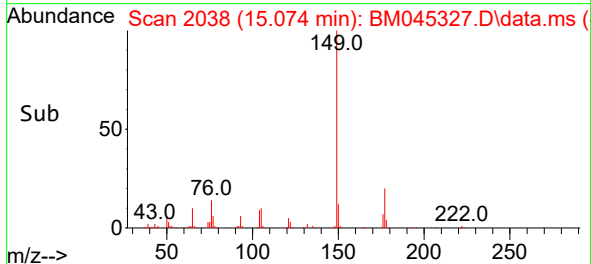
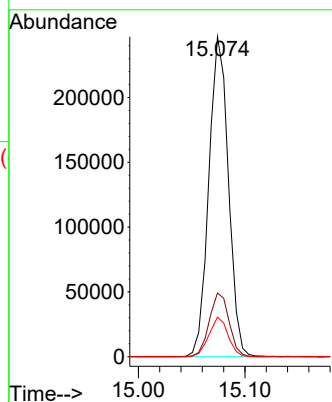
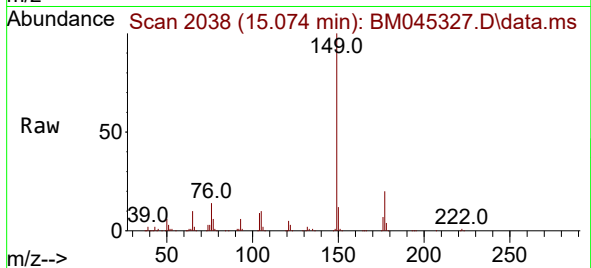
Tgt Ion:149 Resp: 315699

Ion Ratio Lower Upper

149 100

177 19.9 16.4 24.6

150 12.4 10.3 15.5



#61

Fluorene

Concen: 25.835 ng/ul

RT: 15.280 min Scan# 2073

Delta R.T. -0.006 min

Lab File: BM045327.D

Acq: 17 Apr 2024 21:20

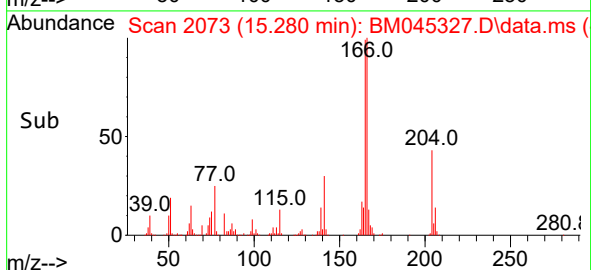
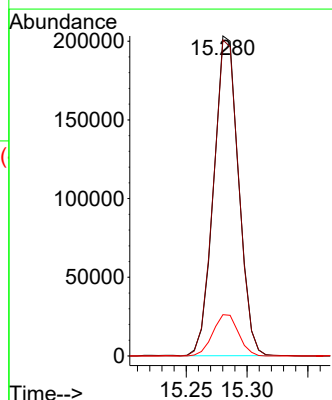
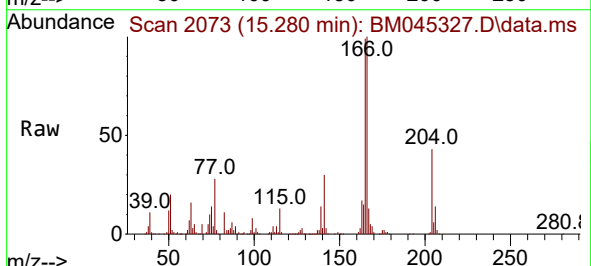
Tgt Ion:166 Resp: 288624

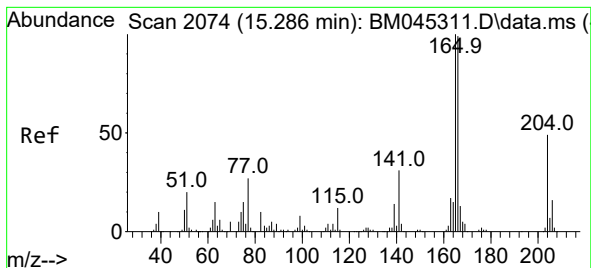
Ion Ratio Lower Upper

166 100

165 98.7 80.5 120.7

167 12.9 11.0 16.6

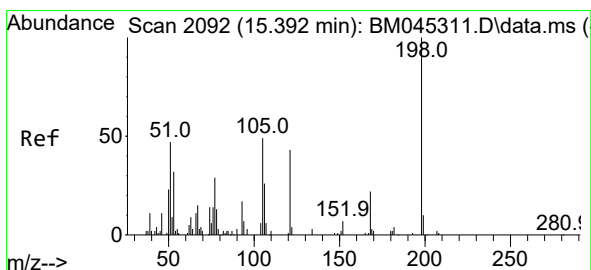
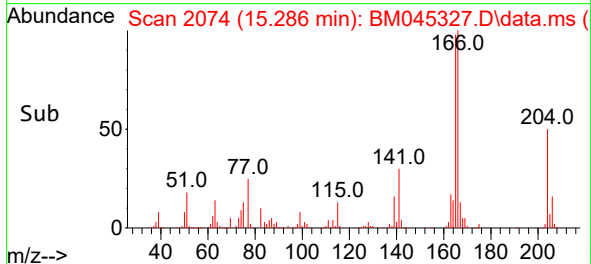
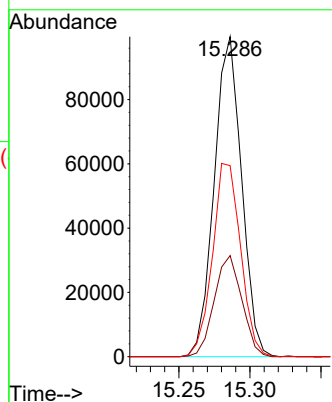
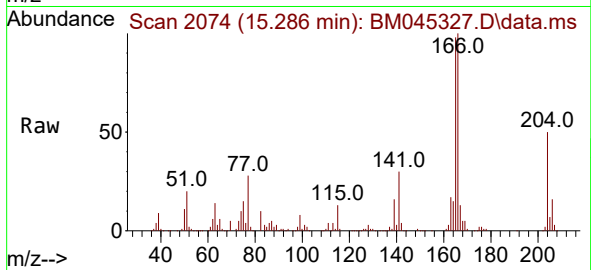




#62
4-Chlorophenyl-phenylether
Concen: 25.459 ng/ul
RT: 15.286 min Scan# 2074
Delta R.T. -0.000 min
Lab File: BM045327.D
Acq: 17 Apr 2024 21:20

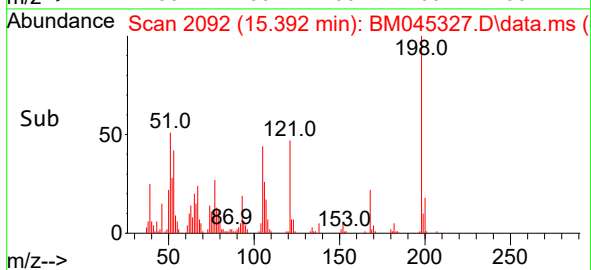
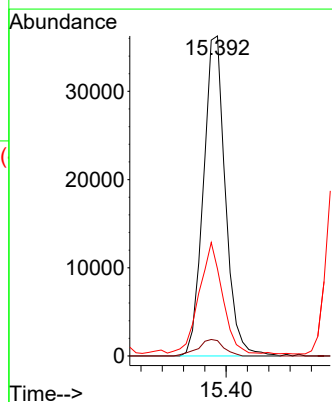
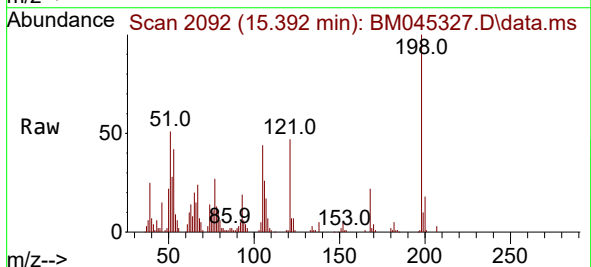
Instrument :
BNA_M
ClientSampleId :

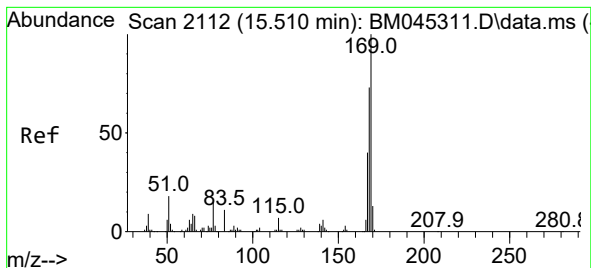
Tgt Ion:204 Resp: 133312
Ion Ratio Lower Upper
204 100
206 31.6 24.9 37.3
141 59.7 46.2 69.2



#66
4,6-Dinitro-2-methylphenol
Concen: 27.236 ng/ul
RT: 15.392 min Scan# 2092
Delta R.T. -0.000 min
Lab File: BM045327.D
Acq: 17 Apr 2024 21:20

Tgt Ion:198 Resp: 51902
Ion Ratio Lower Upper
198 100
182 4.8 3.8 5.6
77 27.2 24.6 37.0





#67

N-Nitrosodiphenylamine

Concen: 29.947 ng/ul

RT: 15.510 min Scan# 2112

Delta R.T. -0.000 min

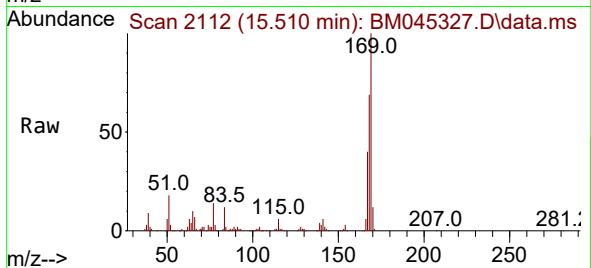
Lab File: BM045327.D

Acq: 17 Apr 2024 21:20

Instrument :

BNA_M

ClientSampleId :



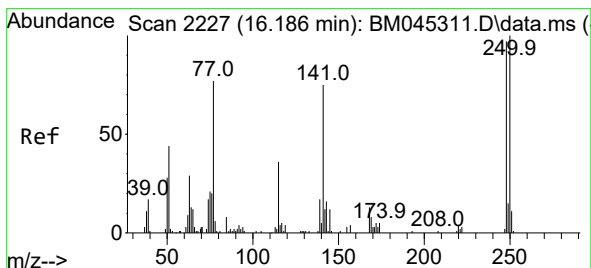
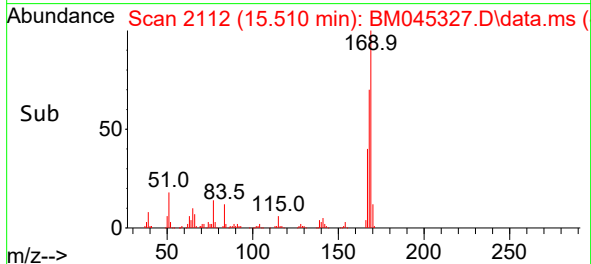
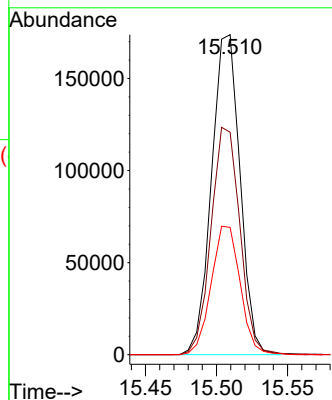
Tgt Ion:169 Resp: 242456

Ion Ratio Lower Upper

169 100

168 69.5 56.7 85.1

167 39.8 31.2 46.8



#68

4-Bromophenyl-phenylether

Concen: 28.886 ng/ul

RT: 16.180 min Scan# 2226

Delta R.T. -0.006 min

Lab File: BM045327.D

Acq: 17 Apr 2024 21:20

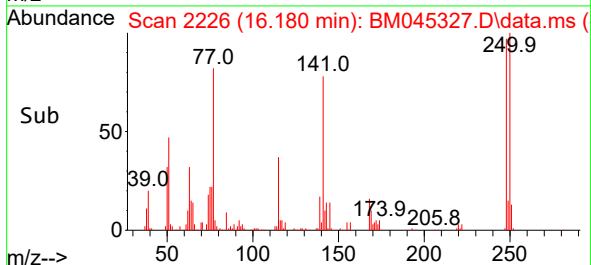
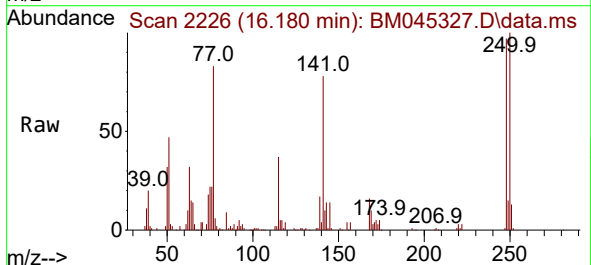
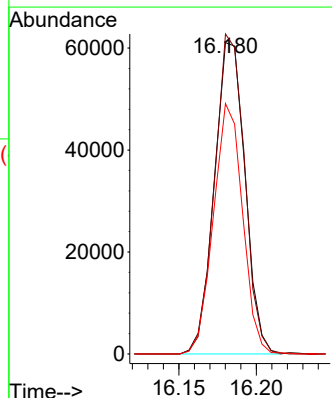
Tgt Ion:248 Resp: 84433

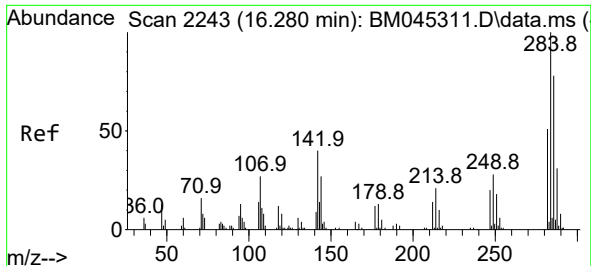
Ion Ratio Lower Upper

248 100

250 102.8 81.0 121.6

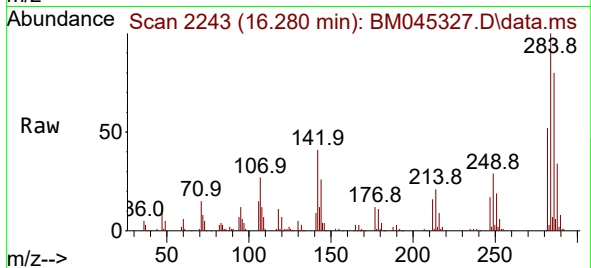
141 80.4 55.1 82.7



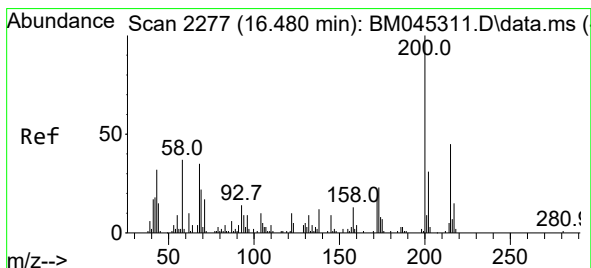
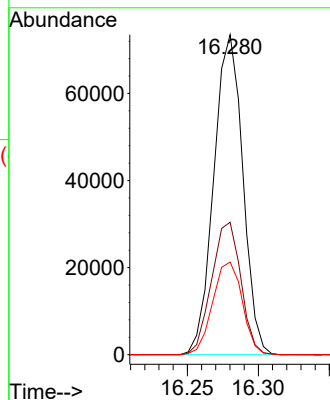
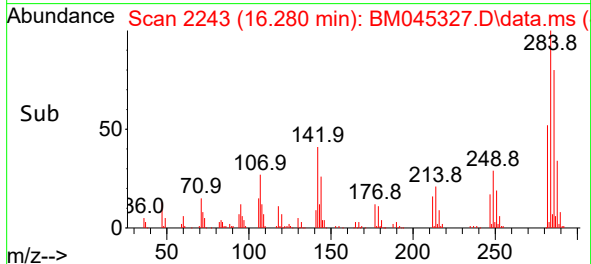


#69
Hexachlorobenzene
Concen: 27.438 ng/ul
RT: 16.280 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM045327.D
Acq: 17 Apr 2024 21:20

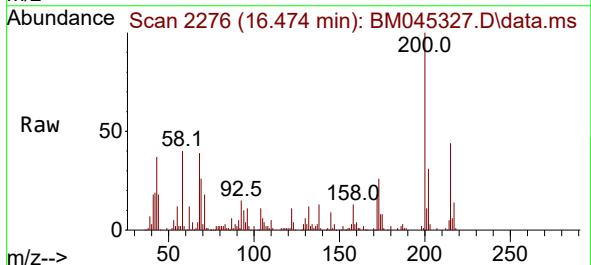
Instrument :
BNA_M
ClientSampleId :



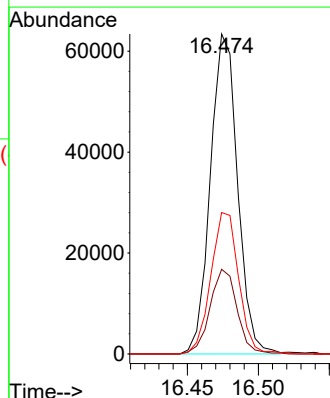
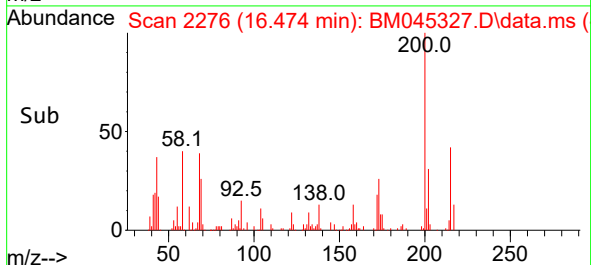
Tgt Ion:284 Resp: 104323
Ion Ratio Lower Upper
284 100
142 41.4 27.3 40.9#
249 28.9 23.6 35.4

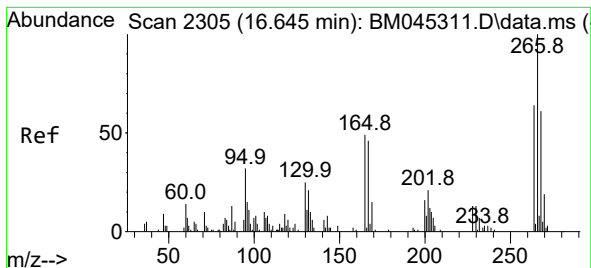


#70
Atrazine
Concen: 28.365 ng/ul
RT: 16.474 min Scan# 2276
Delta R.T. -0.006 min
Lab File: BM045327.D
Acq: 17 Apr 2024 21:20



Tgt Ion:200 Resp: 84473
Ion Ratio Lower Upper
200 100
173 26.4 20.3 30.5
215 44.2 37.9 56.9





#71

Pentachlorophenol

Concen: 27.594 ng/ul

RT: 16.639 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM045327.D

Acq: 17 Apr 2024 21:20

Instrument :

BNA_M

ClientSampleId :

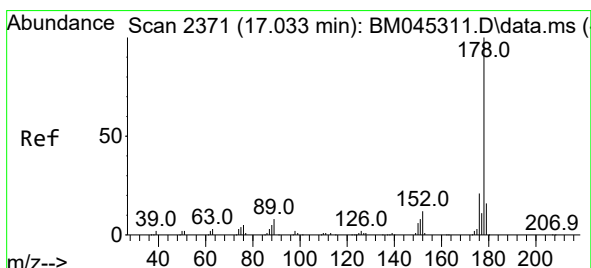
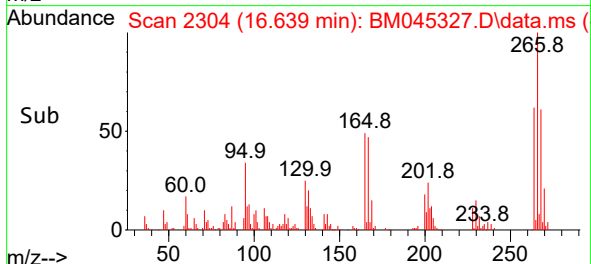
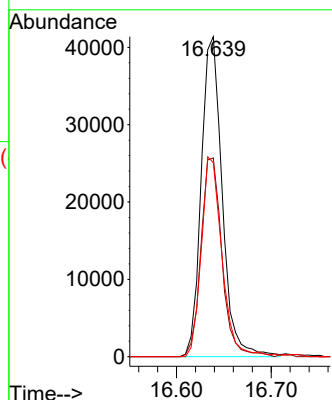
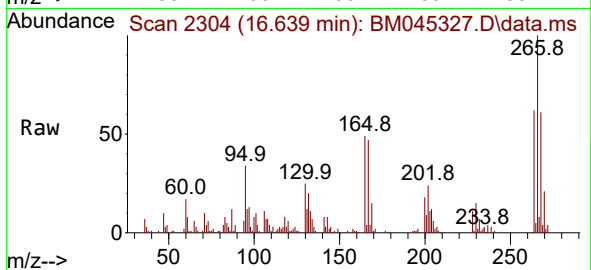
Tgt Ion:266 Resp: 63732

Ion Ratio Lower Upper

266 100

264 62.1 49.3 73.9

268 60.7 53.3 79.9



#72

Phenanthrene

Concen: 28.203 ng/ul

RT: 17.027 min Scan# 2370

Delta R.T. -0.006 min

Lab File: BM045327.D

Acq: 17 Apr 2024 21:20

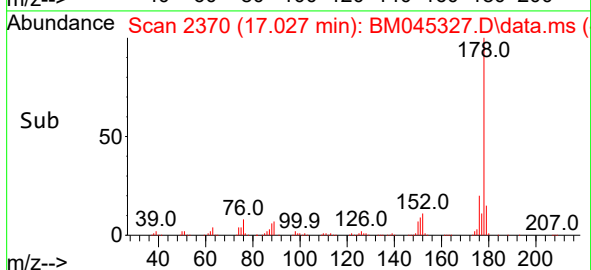
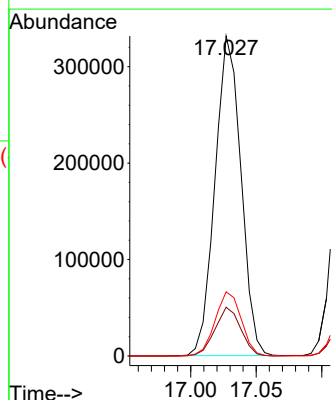
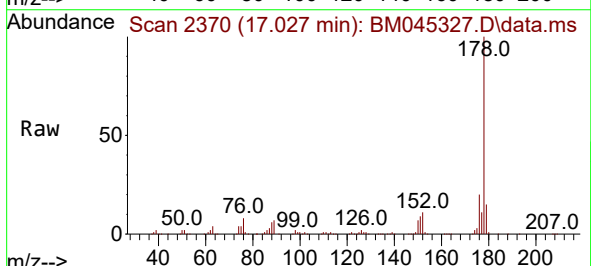
Tgt Ion:178 Resp: 455489

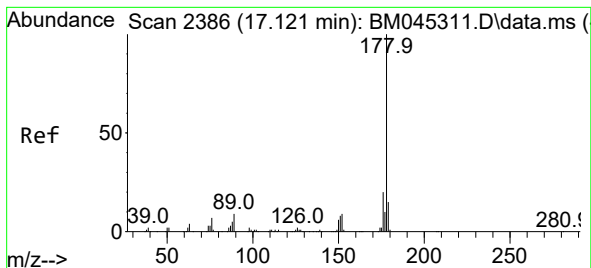
Ion Ratio Lower Upper

178 100

179 15.3 11.9 17.9

176 20.0 15.4 23.2





#74

Anthracene

Concen: 27.858 ng/uL

RT: 17.121 min Scan# 21

Delta R.T. -0.000 min

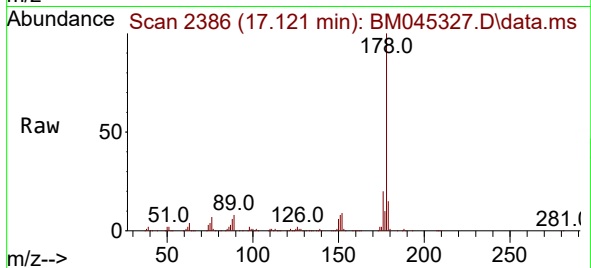
Lab File: BM045327.D

Acq: 17 Apr 2024 21:20

Instrument :

BNA_M

ClientSampleId :



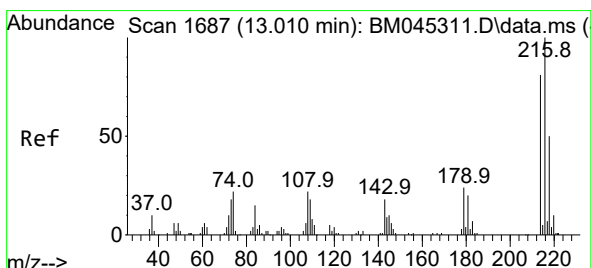
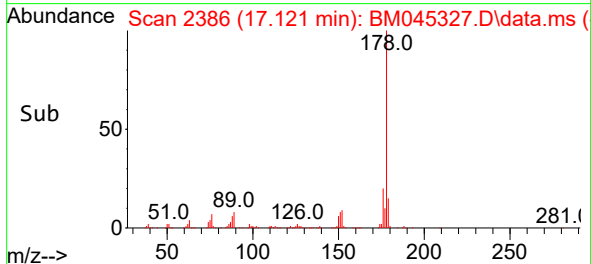
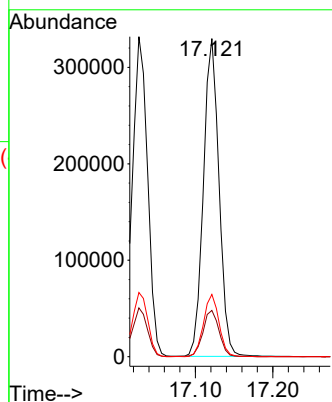
Tgt Ion:178 Resp: 460244

Ion Ratio Lower Upper

178 100

179 14.6 12.3 18.5

176 19.6 15.8 23.6



#75

1,2,3,4-Tetrachlorobenzene

Concen: 29.967 ng/uL

RT: 13.004 min Scan# 1686

Delta R.T. -0.006 min

Lab File: BM045327.D

Acq: 17 Apr 2024 21:20

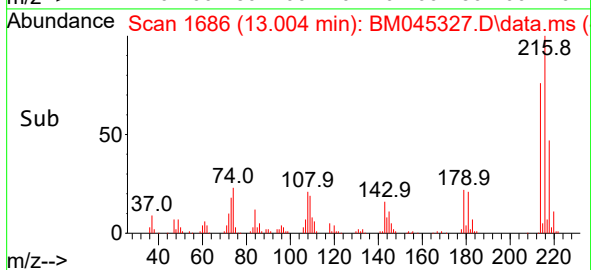
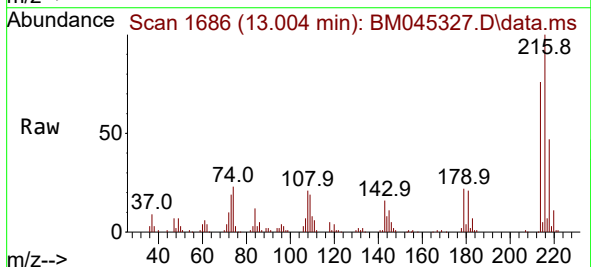
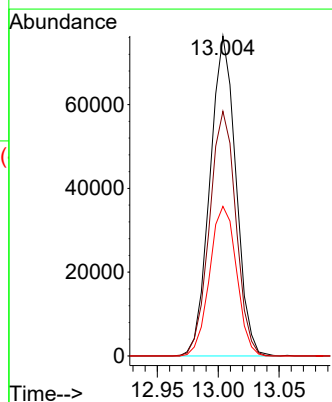
Tgt Ion:216 Resp: 113355

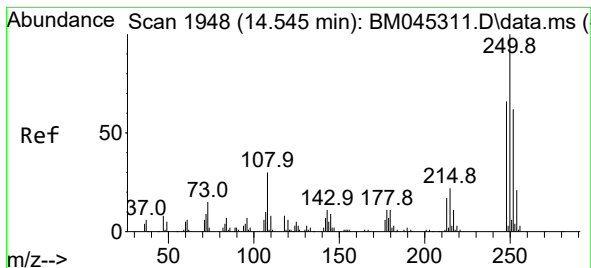
Ion Ratio Lower Upper

216 100

214 76.4 64.1 96.1

218 46.7 38.6 58.0





#76

Pentachlorobenzene

Concen: 28.862 ng/uL

RT: 14.539 min Scan# 1947

Delta R.T. -0.006 min

Lab File: BM045327.D

Acq: 17 Apr 2024 21:20

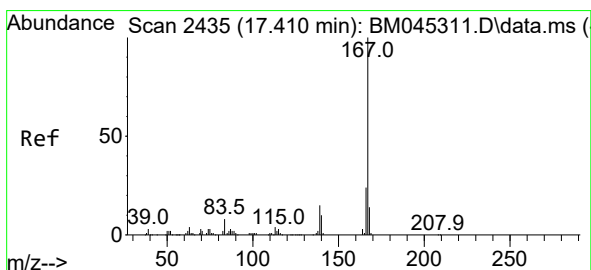
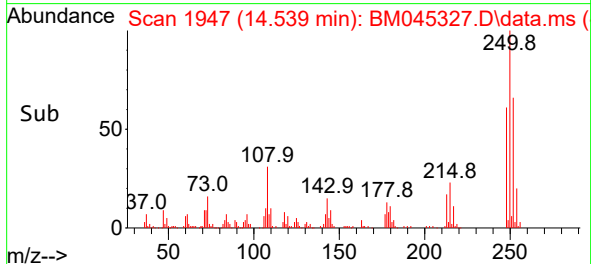
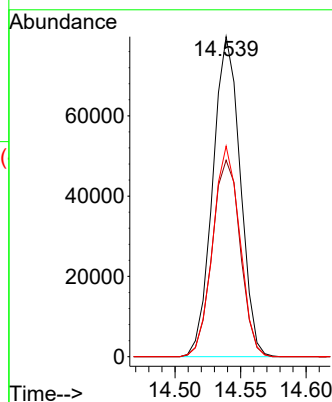
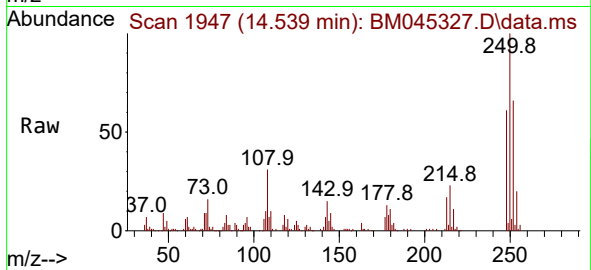
Instrument :

BNA_M

ClientSampleId :

Tgt Ion:250 Resp: 116158

Ion	Ratio	Lower	Upper
250	100		
248	61.4	49.8	74.6
252	65.8	49.4	74.2



#77

Carbazole

Concen: 27.907 ng/uL

RT: 17.404 min Scan# 2434

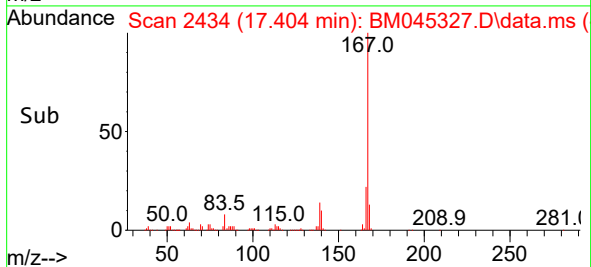
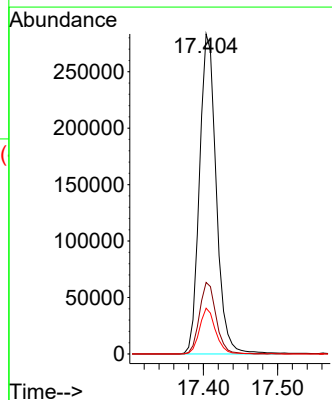
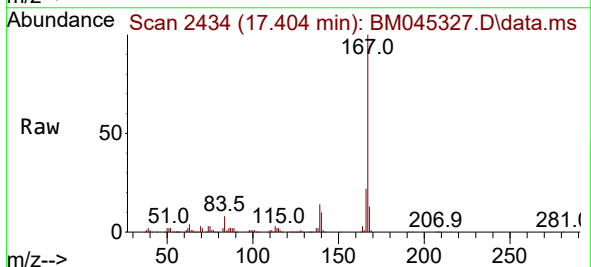
Delta R.T. -0.006 min

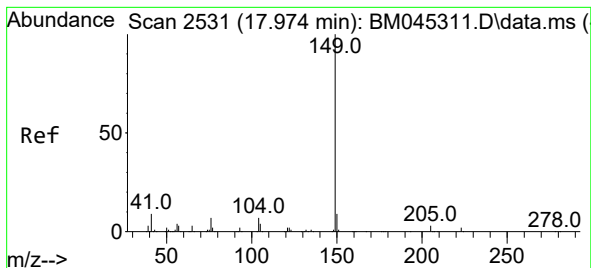
Lab File: BM045327.D

Acq: 17 Apr 2024 21:20

Tgt Ion:167 Resp: 444555

Ion	Ratio	Lower	Upper
167	100		
166	22.3	17.3	25.9
139	14.3	10.7	16.1





#78

Di-n-butylphthalate

Concen: 31.444 ng/ul

RT: 17.974 min Scan# 21

Delta R.T. -0.000 min

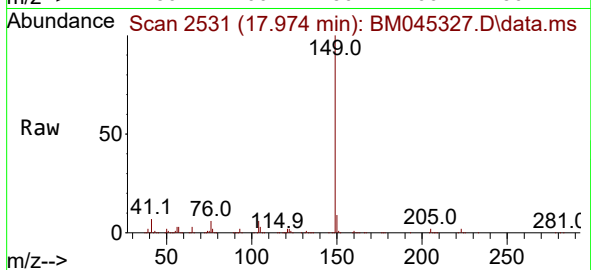
Lab File: BM045327.D

Acq: 17 Apr 2024 21:20

Instrument :

BNA_M

ClientSampleId :



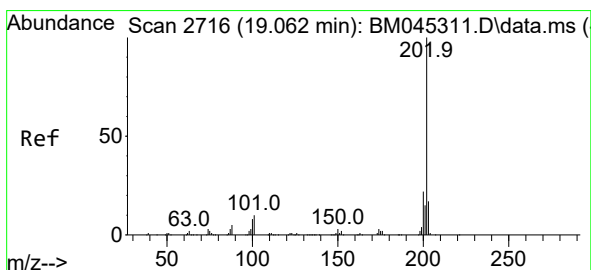
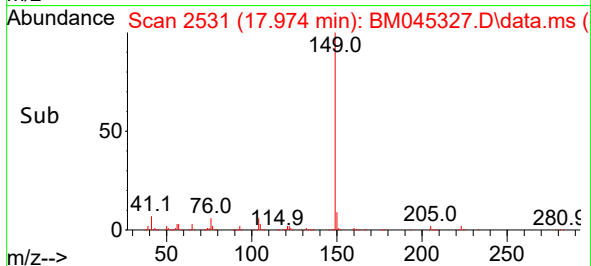
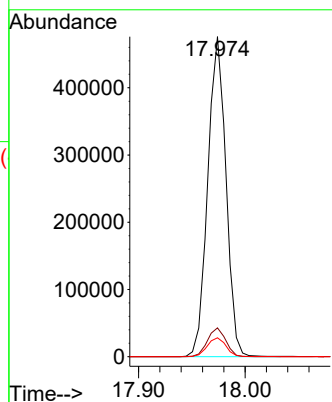
Tgt Ion:149 Resp: 564886

Ion Ratio Lower Upper

149 100

150 9.0 7.2 10.8

104 5.9 4.3 6.5



#80

Fluoranthene

Concen: 31.139 ng/ul

RT: 19.056 min Scan# 2715

Delta R.T. -0.006 min

Lab File: BM045327.D

Acq: 17 Apr 2024 21:20

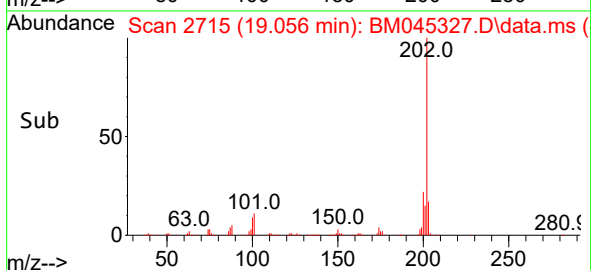
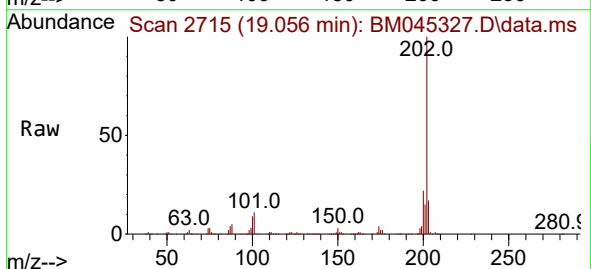
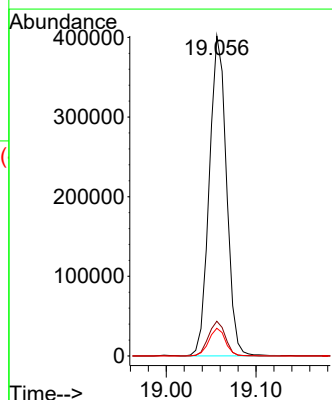
Tgt Ion:202 Resp: 533429

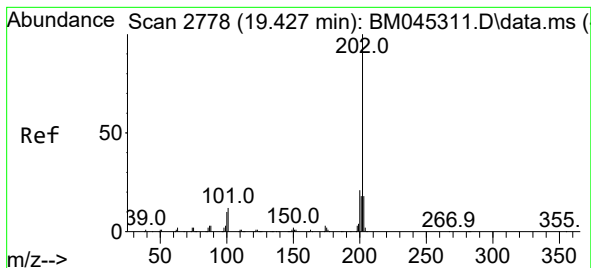
Ion Ratio Lower Upper

202 100

101 10.8 8.7 13.1

100 8.7 6.3 9.5





#82

Pyrene

Concen: 31.347 ng/ul

RT: 19.421 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM045327.D

Acq: 17 Apr 2024 21:20

Instrument :

BNA_M

ClientSampleId :

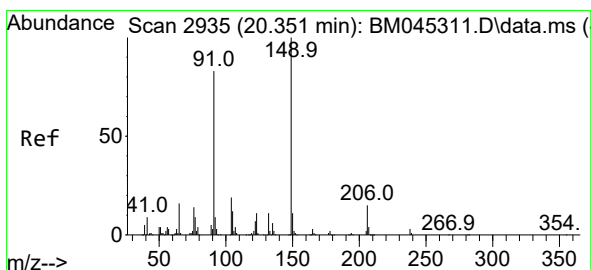
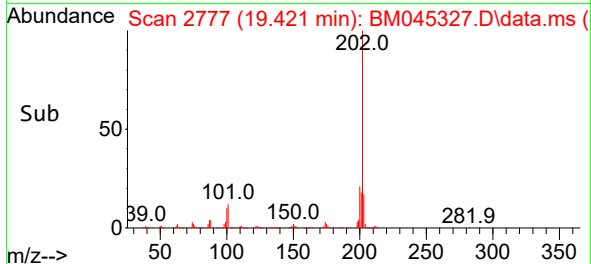
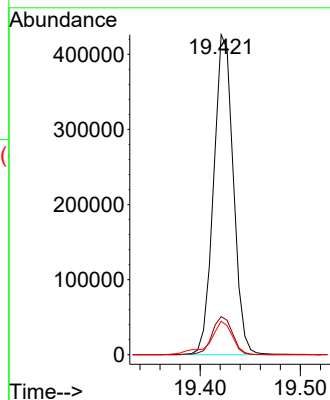
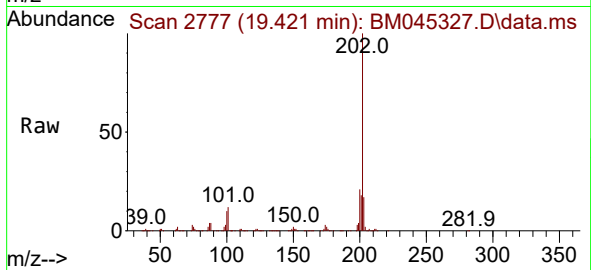
Tgt Ion:202 Resp: 579484

Ion Ratio Lower Upper

202 100

101 11.9 10.2 15.4

100 10.5 8.5 12.7



#83

Butylbenzylphthalate

Concen: 34.371 ng/ul

RT: 20.350 min Scan# 2935

Delta R.T. -0.000 min

Lab File: BM045327.D

Acq: 17 Apr 2024 21:20

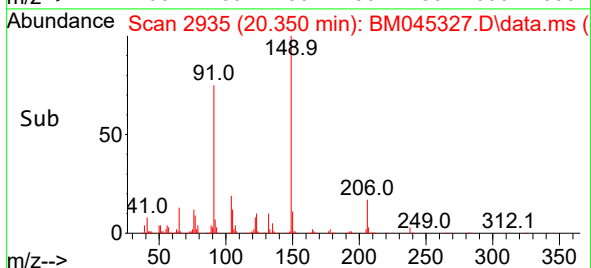
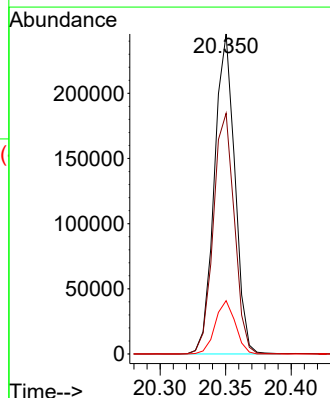
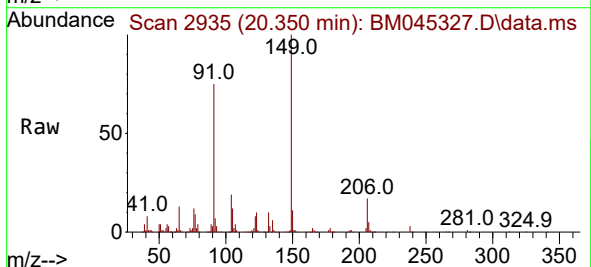
Tgt Ion:149 Resp: 266204

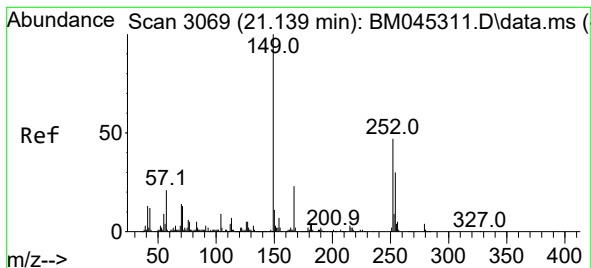
Ion Ratio Lower Upper

149 100

91 75.2 56.2 84.4

206 16.6 14.3 21.5





#84

3,3'-Dichlorobenzidine

Concen: 28.380 ng/ul

RT: 21.133 min Scan# 3068

Delta R.T. -0.006 min

Lab File: BM045327.D

Acq: 17 Apr 2024 21:20

Instrument :

BNA_M

ClientSampleId :

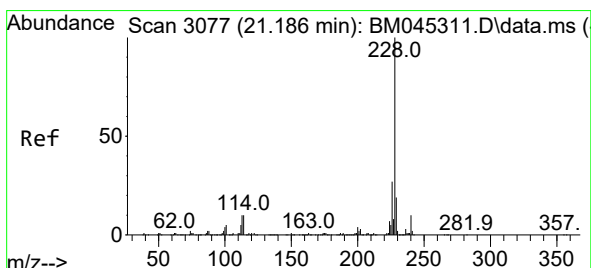
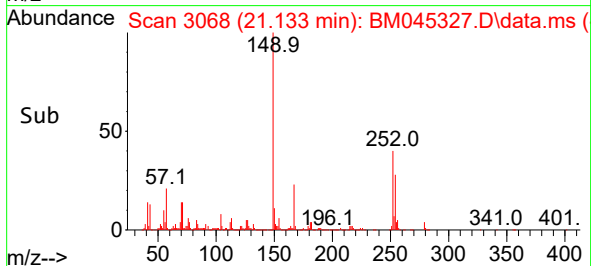
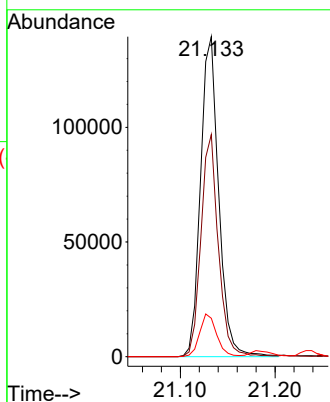
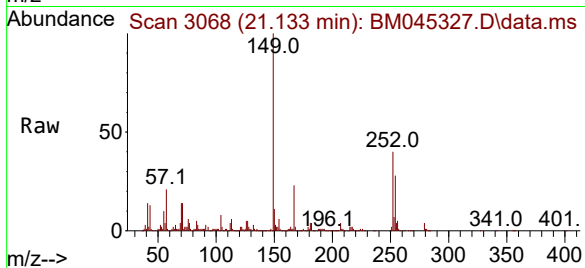
Tgt Ion:252 Resp: 186134

Ion Ratio Lower Upper

252 100

254 69.4 53.9 80.9

126 12.0 9.0 13.4



#85

Benzo(a)anthracene

Concen: 28.159 ng/ul

RT: 21.186 min Scan# 3077

Delta R.T. -0.000 min

Lab File: BM045327.D

Acq: 17 Apr 2024 21:20

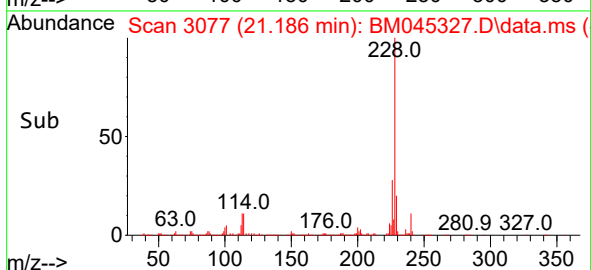
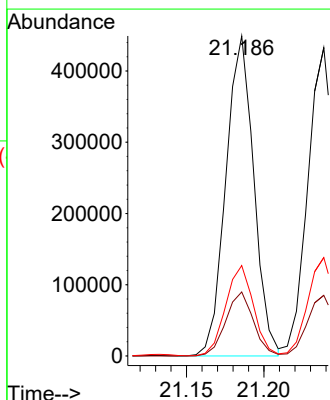
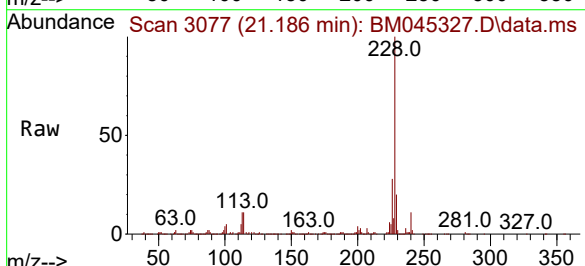
Tgt Ion:228 Resp: 563576

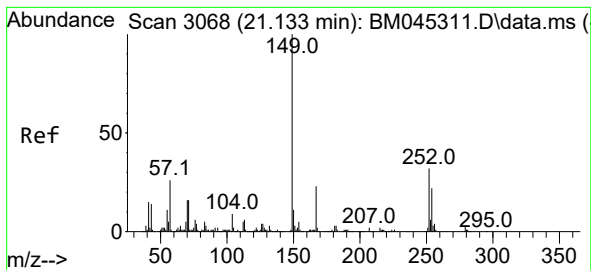
Ion Ratio Lower Upper

228 100

229 20.0 15.5 23.3

226 28.3 21.8 32.6

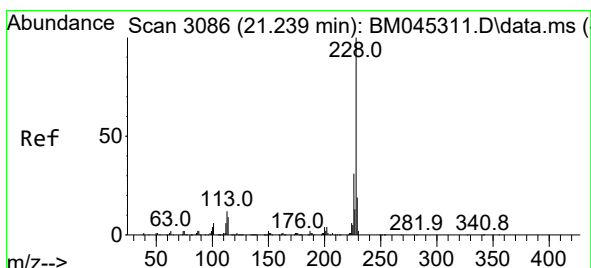
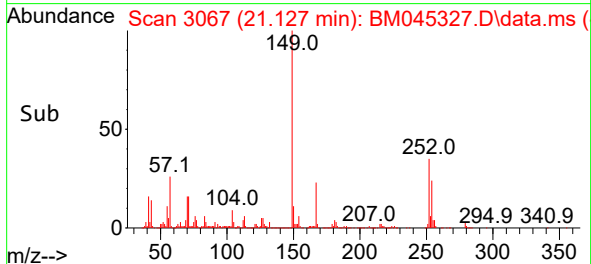
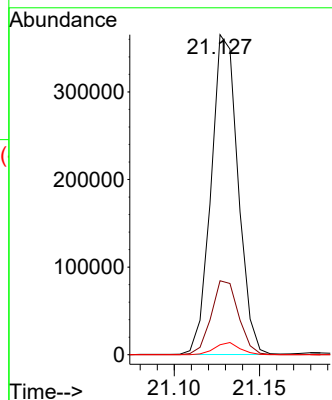
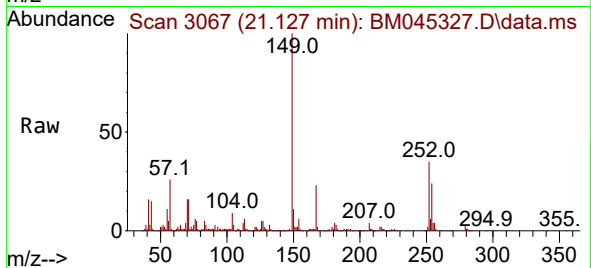




#86
 Bis(2-ethylhexyl)phthalate
 Concen: 33.233 ng/ul
 RT: 21.127 min Scan# 3067
 Delta R.T. -0.006 min
 Lab File: BM045327.D
 Acq: 17 Apr 2024 21:20

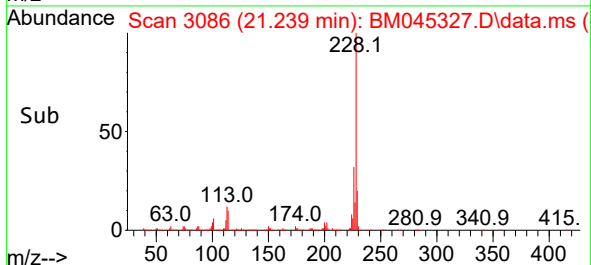
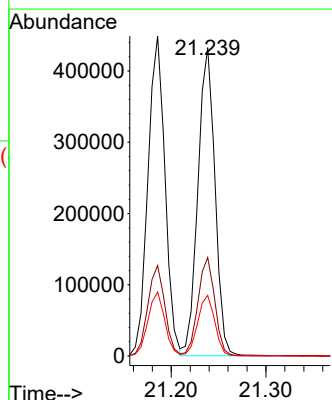
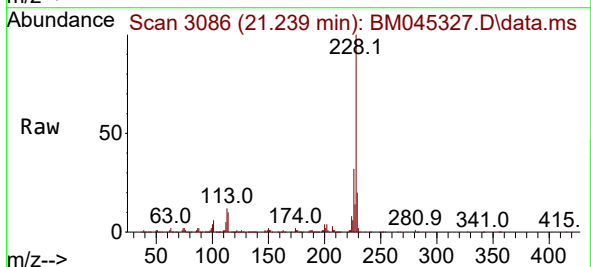
Instrument :
 BNA_M
 ClientSampleId :

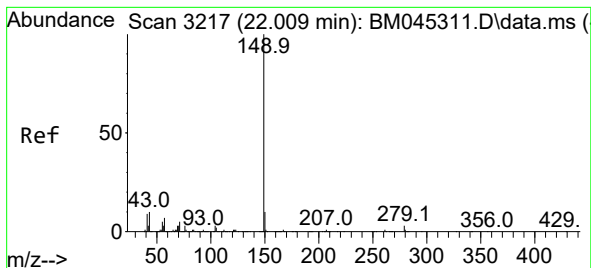
Tgt Ion:149 Resp: 402336
 Ion Ratio Lower Upper
 149 100
 167 23.1 19.7 29.5
 279 3.1 3.3 4.9#



#87
 Chrysene
 Concen: 29.069 ng/ul
 RT: 21.239 min Scan# 3086
 Delta R.T. -0.000 min
 Lab File: BM045327.D
 Acq: 17 Apr 2024 21:20

Tgt Ion:228 Resp: 542343
 Ion Ratio Lower Upper
 228 100
 226 31.9 24.3 36.5
 229 19.7 15.7 23.5





#89

Di-n-octyl phthalate

Concen: 28.894 ng/ul

RT: 22.003 min Scan# 3216

Delta R.T. -0.006 min

Lab File: BM045327.D

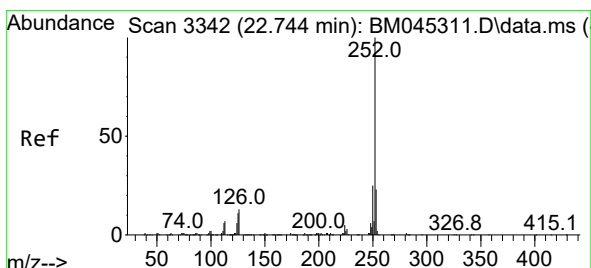
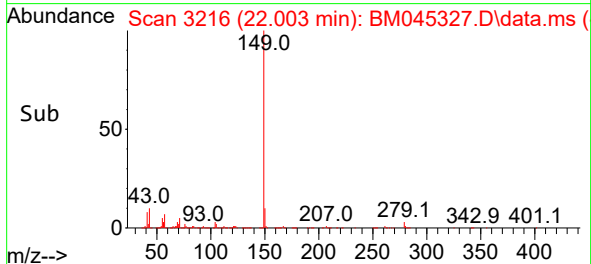
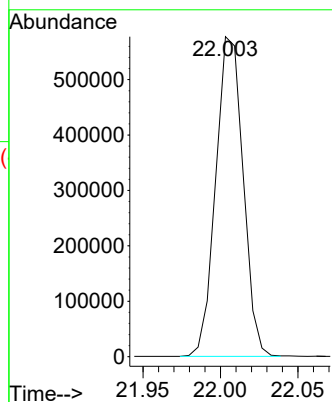
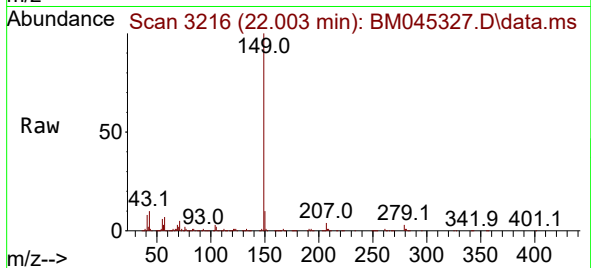
Acq: 17 Apr 2024 21:20

Instrument :

BNA_M

ClientSampleId :

Tgt Ion:149 Resp: 708693



#90

Benzo(b)fluoranthene

Concen: 28.554 ng/ul

RT: 22.744 min Scan# 3342

Delta R.T. -0.000 min

Lab File: BM045327.D

Acq: 17 Apr 2024 21:20

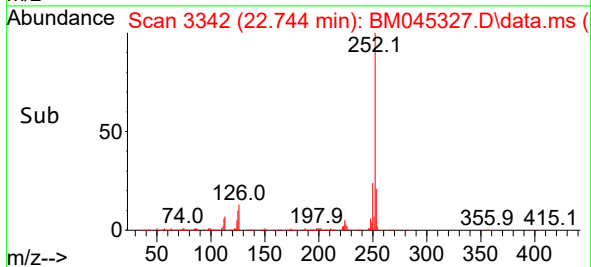
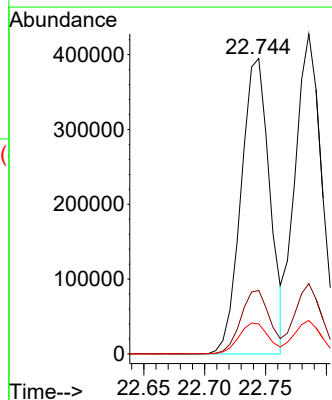
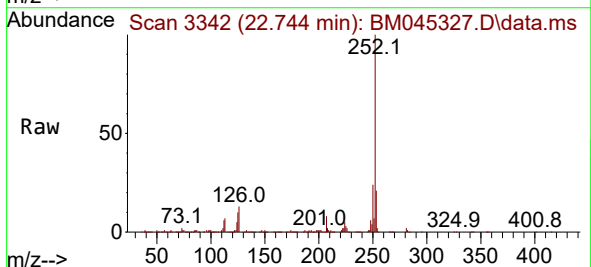
Tgt Ion:252 Resp: 648783

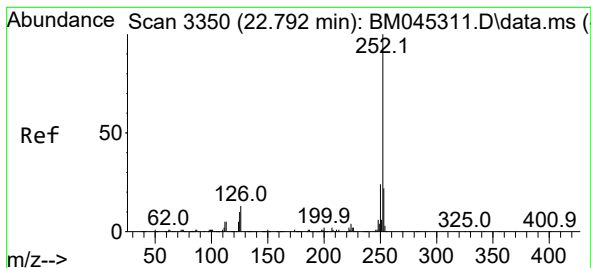
Ion Ratio Lower Upper

252 100

253 21.5 18.0 27.0

125 10.2 8.2 12.4





#91

Benzo(k)fluoranthene

Concen: 28.415 ng/ul

RT: 22.785 min Scan# 3350

Delta R.T. -0.006 min

Lab File: BM045327.D

Acq: 17 Apr 2024 21:20

Instrument :

BNA_M

ClientSampleId :

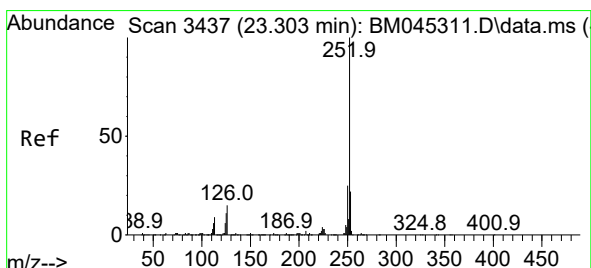
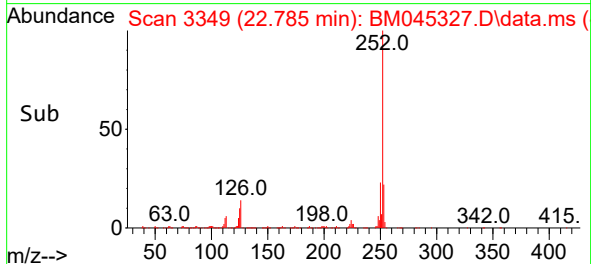
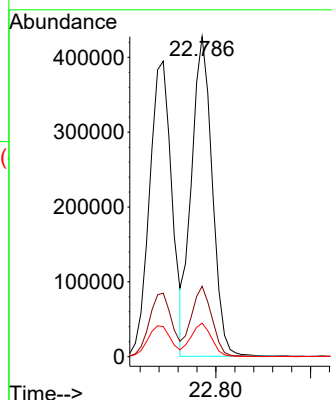
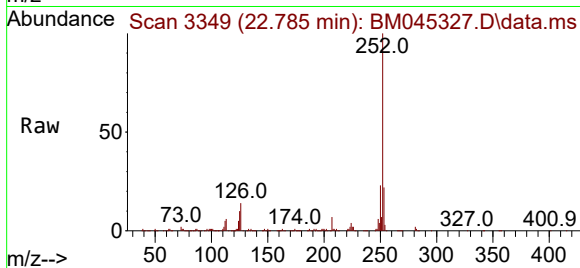
Tgt Ion:252 Resp: 649817

Ion Ratio Lower Upper

252 100

253 22.0 17.5 26.3

125 10.4 8.5 12.7



#93

Benzo(a)pyrene

Concen: 25.890 ng/ul

RT: 23.303 min Scan# 3437

Delta R.T. -0.000 min

Lab File: BM045327.D

Acq: 17 Apr 2024 21:20

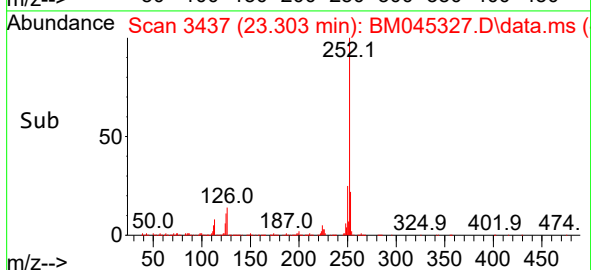
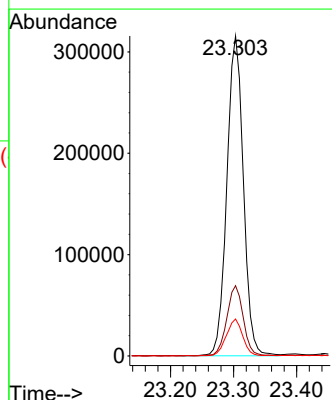
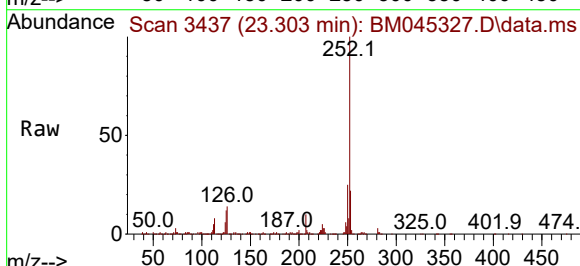
Tgt Ion:252 Resp: 572510

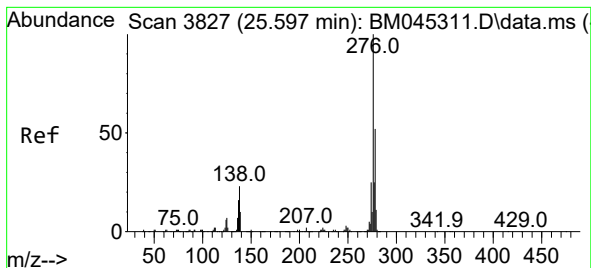
Ion Ratio Lower Upper

252 100

253 22.0 17.6 26.4

125 11.6 8.8 13.2





#94

Indeno(1,2,3-cd)pyrene

Concen: 30.965 ng/ul

RT: 25.597 min Scan# 3827

Delta R.T. -0.000 min

Lab File: BM045327.D

Acq: 17 Apr 2024 21:20

Instrument :

BNA_M

ClientSampleId :

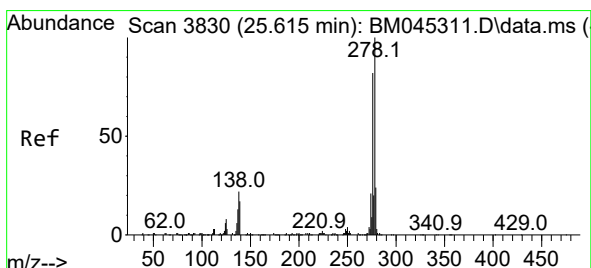
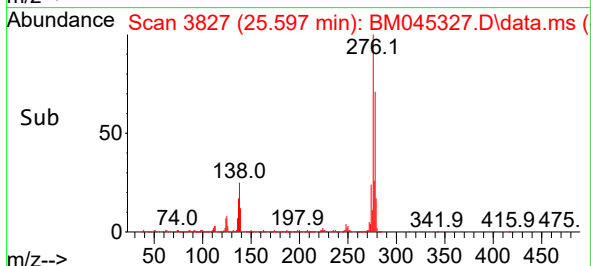
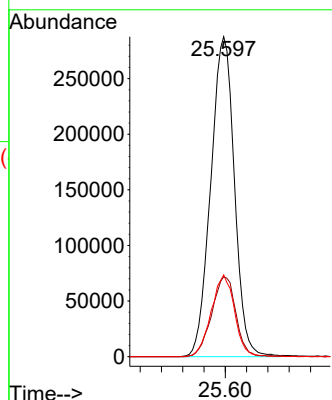
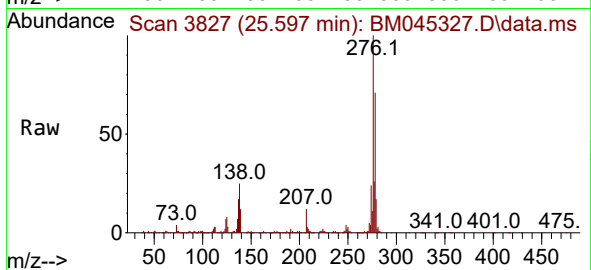
Tgt Ion:276 Resp: 886958

Ion Ratio Lower Upper

276 100

138 25.0 19.0 28.6

277 25.5 19.9 29.9



#95

Dibenzo(a,h)anthracene

Concen: 30.057 ng/ul

RT: 25.609 min Scan# 3829

Delta R.T. -0.006 min

Lab File: BM045327.D

Acq: 17 Apr 2024 21:20

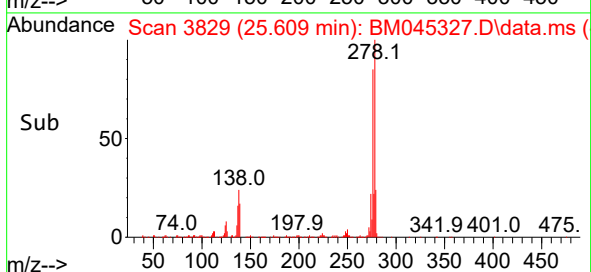
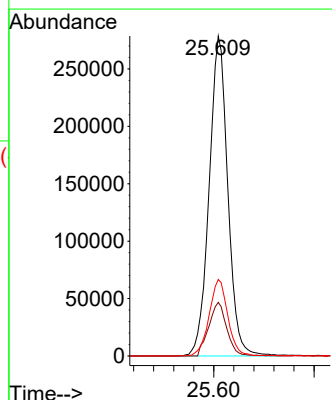
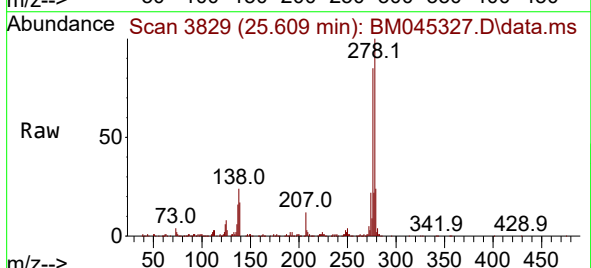
Tgt Ion:278 Resp: 719825

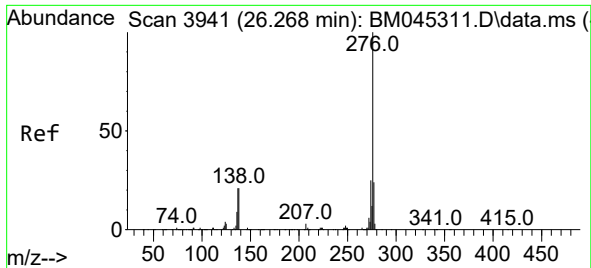
Ion Ratio Lower Upper

278 100

139 16.8 11.9 17.9

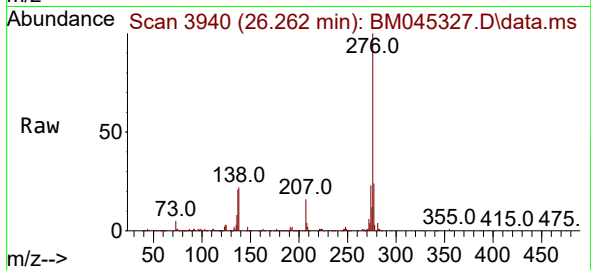
279 23.9 19.4 29.2





#96
 Benzo(g,h,i)perylene
 Concen: 31.469 ng/ul
 RT: 26.262 min Scan# 3940
 Delta R.T. -0.006 min
 Lab File: BM045327.D
 Acq: 17 Apr 2024 21:20

Instrument :
 BNA_M
 ClientSampleId :



Tgt Ion:	276	Resp:	711109
Ion	Ratio	Lower	Upper
276	100		
138	21.8	17.8	26.6
277	24.5	18.7	28.1

