

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052324\
 Data File : BM045750.D
 Acq On : 23 May 2024 12:40
 Operator : MA/JU
 Sample : PB161074BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB161074BS

Quant Time: May 24 02:50:52 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM052224.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 23 04:12:56 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.563	152	327235	20.000	ng	0.00
21) Naphthalene-d8	10.334	136	1427447	20.000	ng	0.00
39) Acenaphthene-d10	14.198	164	875413	20.000	ng	0.00
64) Phenanthrene-d10	16.945	188	1870554	20.000	ng	0.00
76) Chrysene-d12	21.162	240	1518840	20.000	ng	0.00
86) Perylene-d12	23.956	264	1684126	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.252	112	1801266	98.139	ng	0.00
7) Phenol-d6	6.840	99	2299582	93.322	ng	0.00
23) Nitrobenzene-d5	8.728	82	2181476	83.132	ng	0.00
42) 2,4,6-Tribromophenol	15.698	330	864672	93.254	ng	0.00
45) 2-Fluorobiphenyl	12.822	172	4561955	83.756	ng	0.00
79) Terphenyl-d14	19.586	244	7046183	85.386	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.193	88	256951	33.728	ng	98
3) Pyridine	3.593	79	674588	32.328	ng	98
4) n-Nitrosodimethylamine	3.499	42	493480	41.920	ng	97
6) Aniline	6.940	93	966433	41.006	ng	99
8) 2-Chlorophenol	7.169	128	997912	49.643	ng	98
9) Benzaldehyde	6.740	77	187095	12.464	ng	98
10) Phenol	6.863	94	1189895	47.781	ng	99
11) bis(2-Chloroethyl)ether	7.022	93	943599	43.720	ng	99
12) 1,3-Dichlorobenzene	7.451	146	997450	41.636	ng	99
13) 1,4-Dichlorobenzene	7.598	146	1010942	41.844	ng	99
14) 1,2-Dichlorobenzene	7.916	146	968688	42.913	ng	100
15) Benzyl Alcohol	7.857	79	890351	46.268	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.110	45	1507053	44.990	ng	99
17) 2-Methylphenol	8.075	107	827389	47.929	ng	98
18) Hexachloroethane	8.628	117	389414	41.523	ng	99
19) n-Nitroso-di-n-propyla...	8.398	70	720794	41.606	ng	99
20) 3+4-Methylphenols	8.410	107	1060829	46.148	ng	98
22) Acetophenone	8.404	105	1372494	41.574	ng	100
24) Nitrobenzene	8.769	77	1121637	42.026	ng	100
25) Isophorone	9.310	82	2065671	42.288	ng	100
26) 2-Nitrophenol	9.475	139	518290	44.277	ng	97
27) 2,4-Dimethylphenol	9.581	122	941554	63.197	ng	99
28) bis(2-Chloroethoxy)met...	9.781	93	1297143	43.128	ng	99
29) 2,4-Dichlorophenol	10.022	162	968997	47.561	ng	99
30) 1,2,4-Trichlorobenzene	10.192	180	960700	41.642	ng	100
31) Naphthalene	10.381	128	2896631	40.960	ng	100
32) Benzoic acid	9.816	122	564350	41.170	ng	97
33) 4-Chloroaniline	10.551	127	675032	25.005	ng	100
34) Hexachlorobutadiene	10.669	225	567032	40.089	ng	99
35) Caprolactam	11.422	113	144952	21.998	ng	98
36) 4-Chloro-3-methylphenol	11.704	107	1014923	43.808	ng	99
37) 2-Methylnaphthalene	11.998	142	2005491	40.711	ng	100
38) 1-Methylnaphthalene	12.222	142	1902114	39.135	ng	100
40) 1,2,4,5-Tetrachloroben...	12.369	216	994762	44.063	ng	99
41) Hexachlorocyclopentadiene	12.357	237	1435483	151.921	ng	98
43) 2,4,6-Trichlorophenol	12.645	196	746602	49.002	ng	98

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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 23 04:12:56 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.733	196	799996	47.177	ng	100
46) 1,1'-Biphenyl	13.033	154	2586132	43.826	ng	100
47) 2-Chloronaphthalene	13.063	162	1987742	43.043	ng	100
48) 2-Nitroaniline	13.316	65	729875	50.088	ng	99
49) Acenaphthylene	13.922	152	3193085	45.599	ng	100
50) Dimethylphthalate	13.698	163	2677136	45.210	ng	100
51) 2,6-Dinitrotoluene	13.804	165	585680	46.083	ng	95
52) Acenaphthene	14.263	154	1944091	44.289	ng	99
53) 3-Nitroaniline	14.157	138	431133	33.260	ng	99
54) 2,4-Dinitrophenol	14.339	184	693215	93.704	ng	98
55) Dibenzofuran	14.604	168	3028704	43.768	ng	100
56) 4-Nitrophenol	14.539	139	1111082	100.818	ng	99
57) 2,4-Dinitrotoluene	14.592	165	789524	46.780	ng	96
58) Fluorene	15.251	166	2453804	43.386	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.851	232	697860	49.526	ng	99
60) Diethylphthalate	15.063	149	2738763	44.263	ng	100
61) 4-Chlorophenyl-phenyle...	15.257	204	1208920	43.678	ng	98
62) 4-Nitroaniline	15.333	138	595723	46.266	ng	98
63) Azobenzene	15.545	77	2643379	44.089	ng	99
65) 4,6-Dinitro-2-methylph...	15.351	198	440703	47.137	ng	94
66) n-Nitrosodiphenylamine	15.480	169	2165879	45.228	ng	99
67) 4-Bromophenyl-phenylether	16.145	248	782783	44.045	ng	97
68) Hexachlorobenzene	16.245	284	901791	42.596	ng	97
69) Atrazine	16.451	200	825791	56.472	ng	100
70) Pentachlorophenol	16.615	266	1175722	91.035	ng	99
71) Phenanthrene	16.986	178	3940258	44.629	ng	99
72) Anthracene	17.080	178	3925767	45.227	ng	100
73) Carbazole	17.368	167	3811551	43.883	ng	99
74) Di-n-butylphthalate	17.933	149	4776267	44.284	ng	100
75) Fluoranthene	19.004	202	4583115	42.573	ng	99
77) Benzidine	19.221	184	1277296	49.248	ng	100
78) Pyrene	19.368	202	4742953	44.268	ng	100
80) Butylbenzylphthalate	20.298	149	2142946	46.175	ng	98
81) Benzo(a)anthracene	21.145	228	4319699	44.653	ng	99
82) 3,3'-Dichlorobenzidine	21.092	252	1279648	38.599	ng	99
83) Chrysene	21.203	228	3932256	43.336	ng	100
84) Bis(2-ethylhexyl)phtha...	21.092	149	2959642	45.416	ng	100
85) Di-n-octyl phthalate	22.150	149	5275235	46.417	ng	100
87) Indeno(1,2,3-cd)pyrene	27.050	276	4556761	47.024	ng	100
88) Benzo(b)fluoranthene	23.080	252	4442380	46.515	ng	100
89) Benzo(k)fluoranthene	23.144	252	4316218	47.614	ng	99
90) Benzo(a)pyrene	23.827	252	3842177	46.298	ng	99
91) Dibenzo(a,h)anthracene	27.109	278	3838993	47.824	ng	99
92) Benzo(g,h,i)perylene	28.027	276	3781784	45.416	ng	99

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

Instrument :

BNA M

ClientSampleId :

PB161074BS

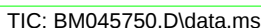
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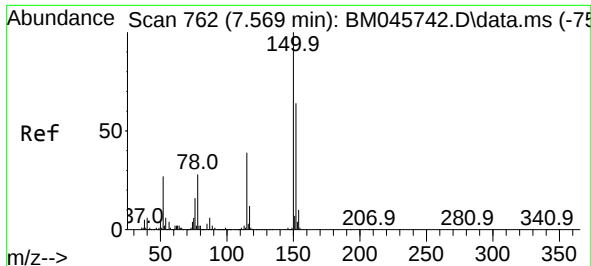
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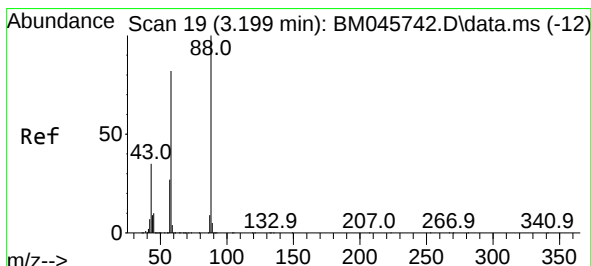
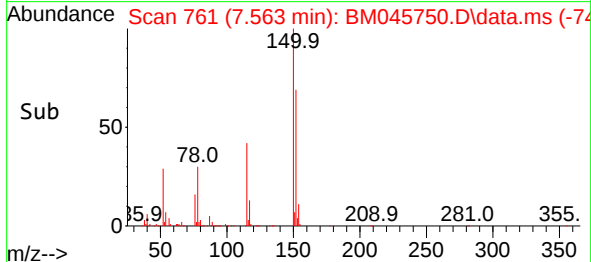
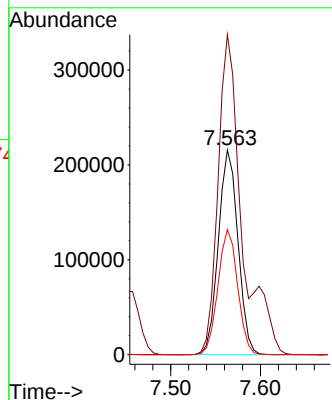
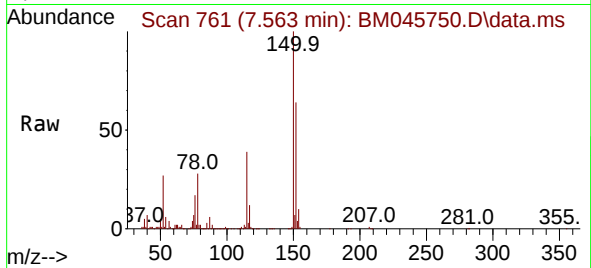




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.563 min Scan# 7
 Delta R.T. -0.006 min
 Lab File: BM045750.D
 Acq: 23 May 2024 12:40

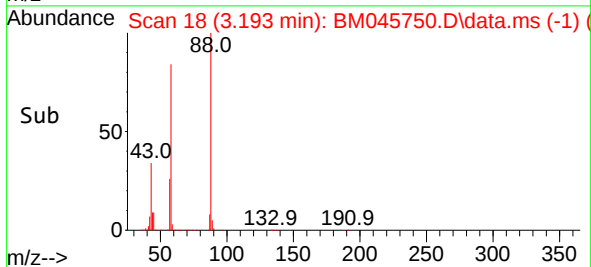
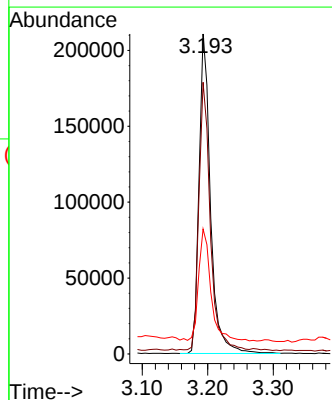
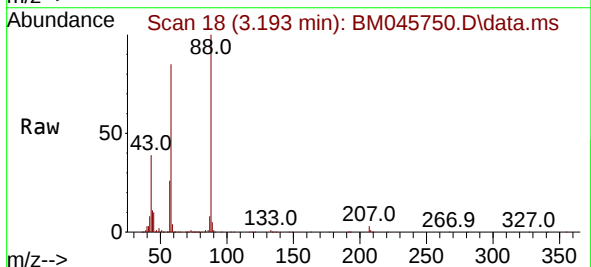
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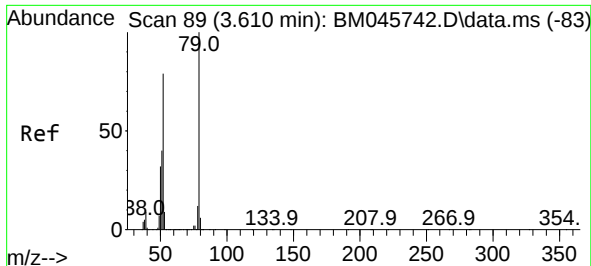
Tgt Ion:152 Resp: 327235
 Ion Ratio Lower Upper
 152 100
 150 156.2 124.2 186.4
 115 61.1 48.9 73.3



#2
 1,4-Dioxane
 Concen: 33.728 ng
 RT: 3.193 min Scan# 18
 Delta R.T. -0.006 min
 Lab File: BM045750.D
 Acq: 23 May 2024 12:40

Tgt Ion: 88 Resp: 256951
 Ion Ratio Lower Upper
 88 100
 58 82.3 67.0 100.6
 43 37.1 28.4 42.6

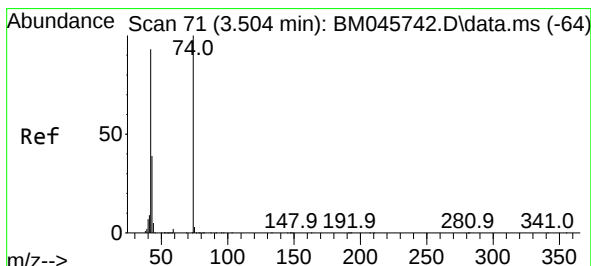
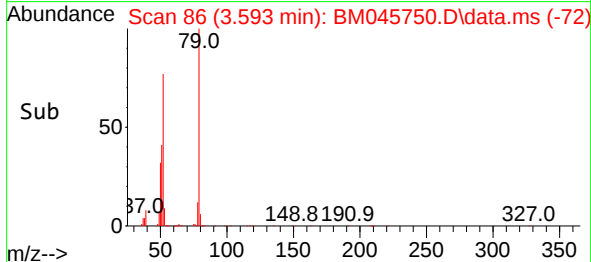
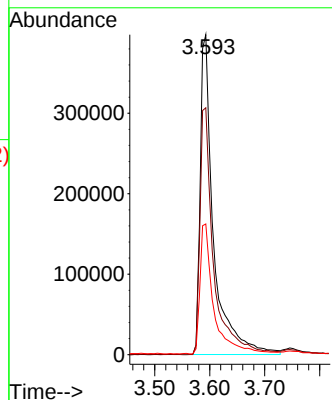
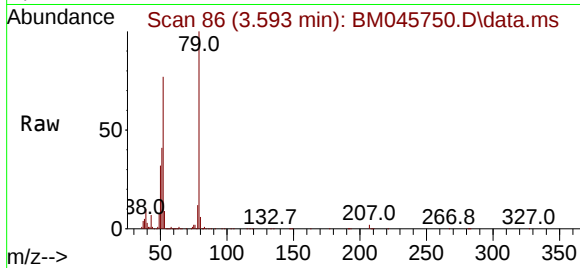




#3
 Pyridine
 Concen: 32.328 ng
 RT: 3.593 min Scan# 80
 Delta R.T. -0.017 min
 Lab File: BM045750.D
 Acq: 23 May 2024 12:40

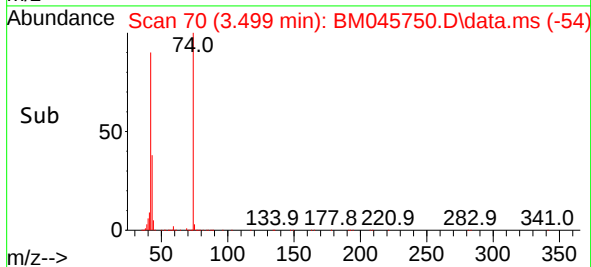
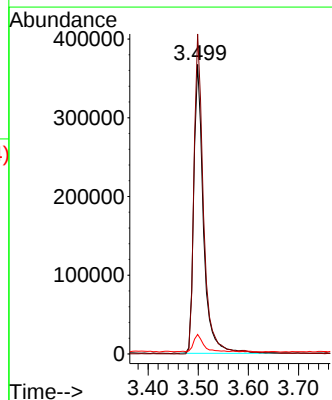
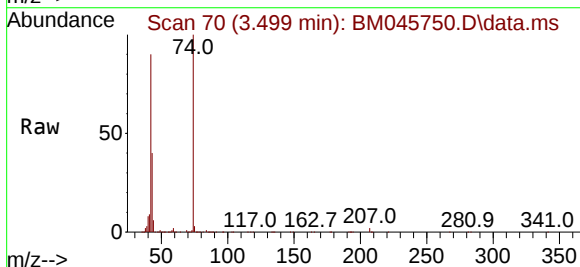
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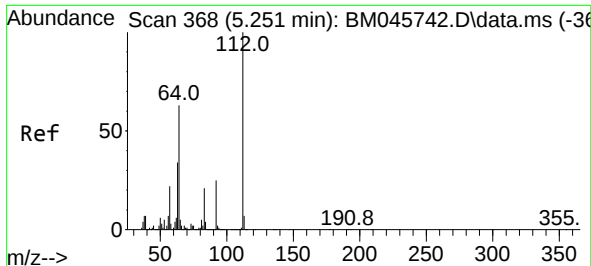
Tgt Ion: 79 Resp: 674588
 Ion Ratio Lower Upper
 79 100
 52 77.2 63.2 94.8
 51 40.8 32.1 48.1



#4
 n-Nitrosodimethylamine
 Concen: 41.920 ng
 RT: 3.499 min Scan# 70
 Delta R.T. -0.006 min
 Lab File: BM045750.D
 Acq: 23 May 2024 12:40

Tgt Ion: 42 Resp: 493480
 Ion Ratio Lower Upper
 42 100
 74 110.5 85.7 128.5
 44 6.8 5.4 8.0

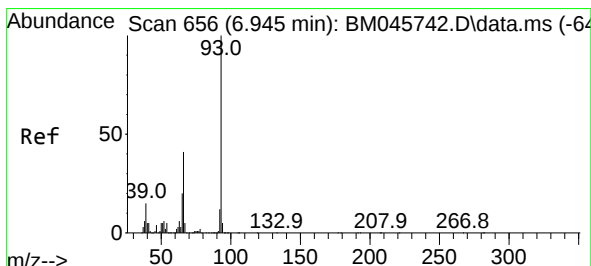
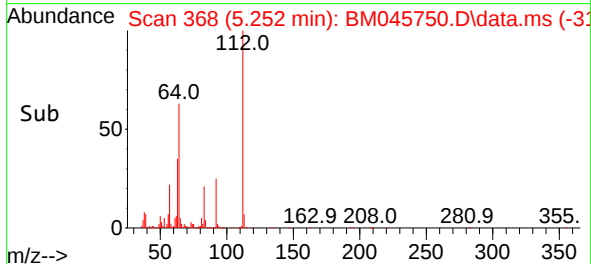
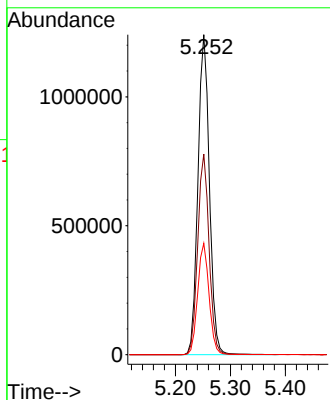
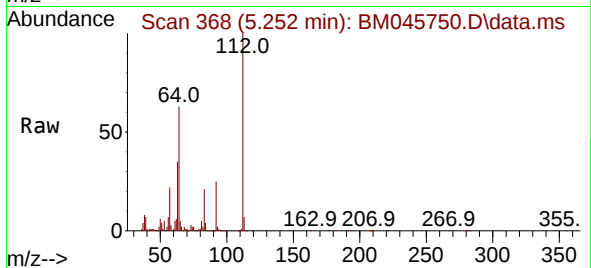




#5
2-Fluorophenol
Concen: 98.139 ng
RT: 5.252 min Scan# 30
Delta R.T. 0.000 min
Lab File: BM045750.D
Acq: 23 May 2024 12:40

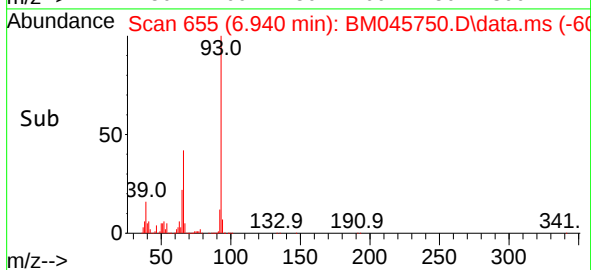
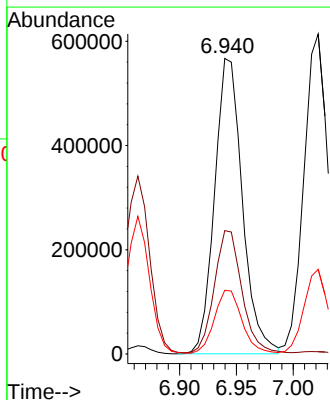
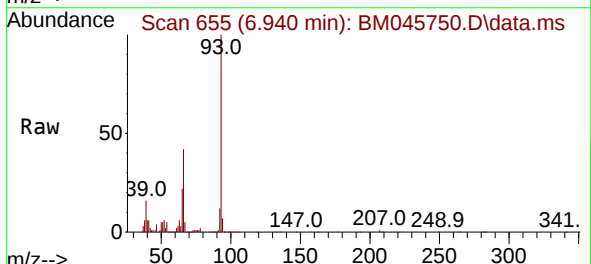
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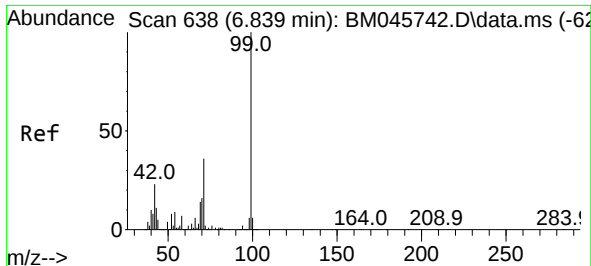
Tgt Ion:112 Resp: 1801266
Ion Ratio Lower Upper
112 100
64 62.7 50.1 75.1
63 34.8 27.3 40.9



#6
Aniline
Concen: 41.006 ng
RT: 6.940 min Scan# 655
Delta R.T. -0.006 min
Lab File: BM045750.D
Acq: 23 May 2024 12:40

Tgt Ion: 93 Resp: 966433
Ion Ratio Lower Upper
93 100
66 41.7 33.8 50.6
65 21.5 16.8 25.2



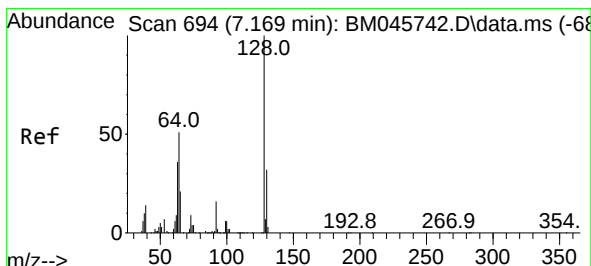
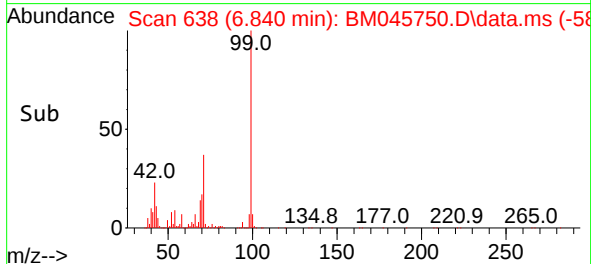
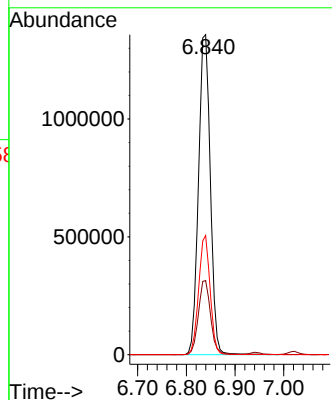
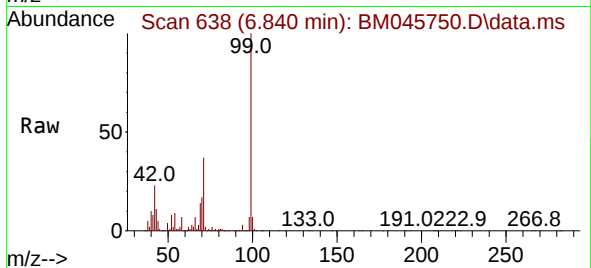


#7
Phenol-d6
Concen: 93.322 ng
RT: 6.840 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM045750.D
Acq: 23 May 2024 12:40

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ClientSampleId :
PB161074BS

Tgt Ion: 99 Resp: 2299582

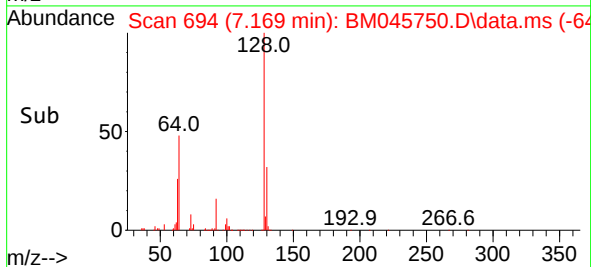
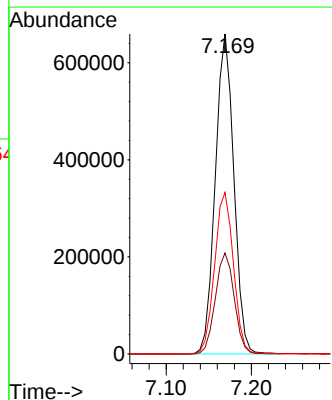
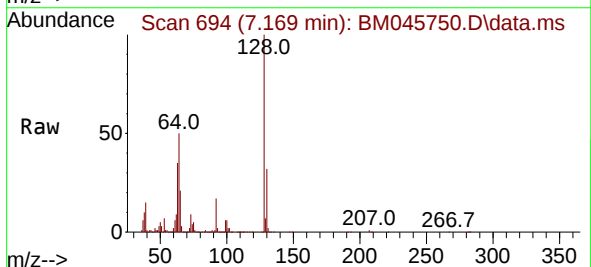
Ion	Ratio	Lower	Upper
99	100		
42	23.1	18.3	27.5
71	37.2	28.5	42.7

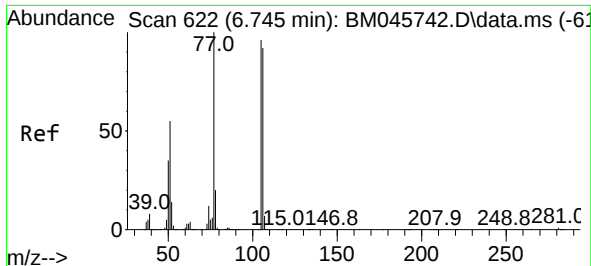


#8
2-Chlorophenol
Concen: 49.643 ng
RT: 7.169 min Scan# 694
Delta R.T. 0.000 min
Lab File: BM045750.D
Acq: 23 May 2024 12:40

Tgt Ion:128 Resp: 997912

Ion	Ratio	Lower	Upper
128	100		
130	31.6	12.2	52.2
64	50.5	32.2	72.2

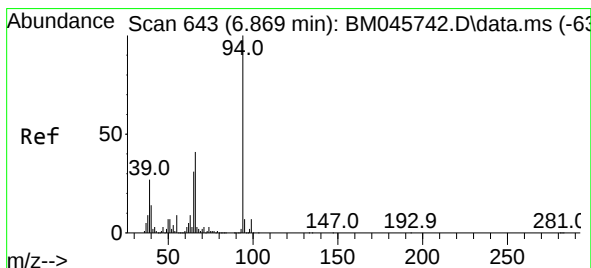
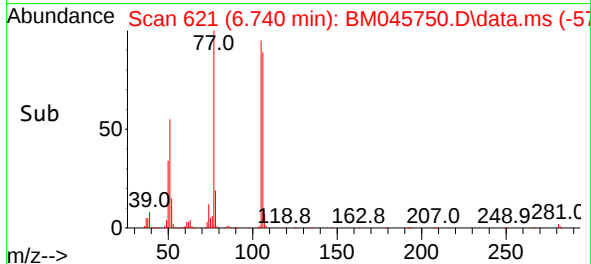
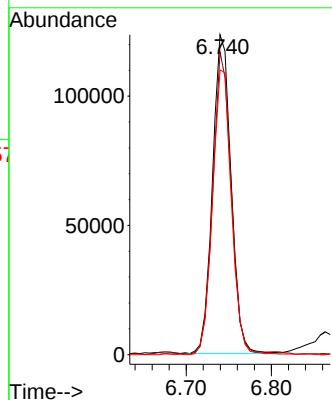
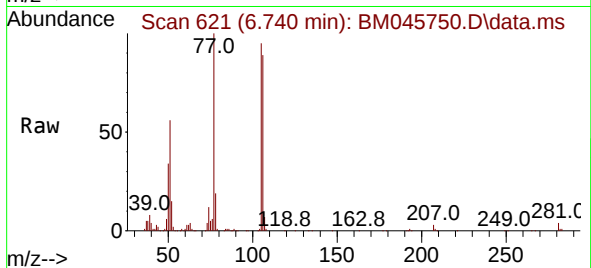




#9
Benzaldehyde
Concen: 12.464 ng
RT: 6.740 min Scan# 61
Delta R.T. -0.005 min
Lab File: BM045750.D
Acq: 23 May 2024 12:40

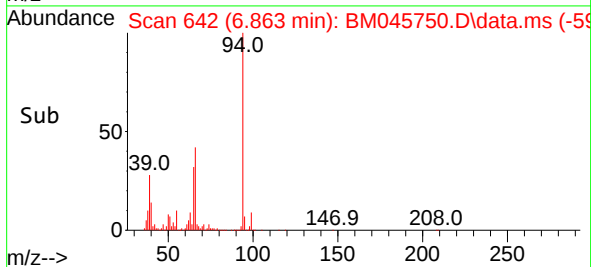
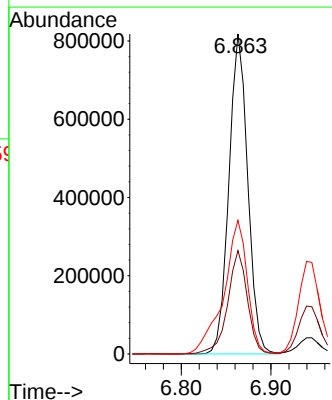
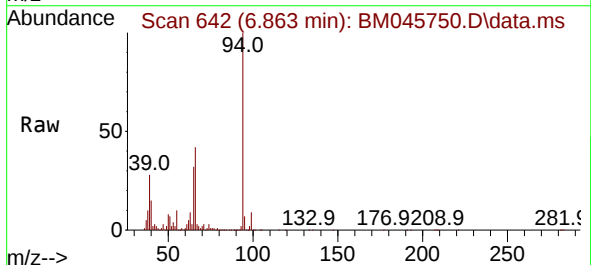
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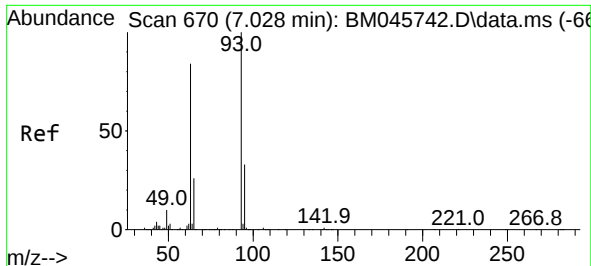
Tgt Ion: 77 Resp: 187095
Ion Ratio Lower Upper
77 100
105 94.6 75.6 115.6
106 88.9 72.1 112.1



#10
Phenol
Concen: 47.781 ng
RT: 6.863 min Scan# 642
Delta R.T. -0.006 min
Lab File: BM045750.D
Acq: 23 May 2024 12:40

Tgt Ion: 94 Resp: 1189895
Ion Ratio Lower Upper
94 100
65 32.3 11.4 51.4
66 41.7 21.3 61.3

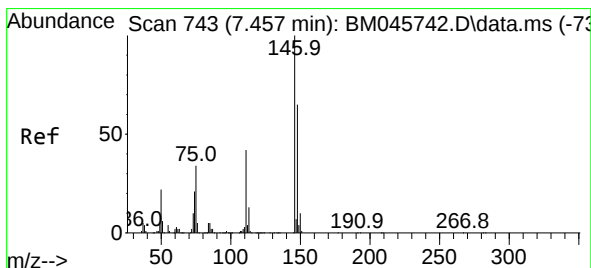
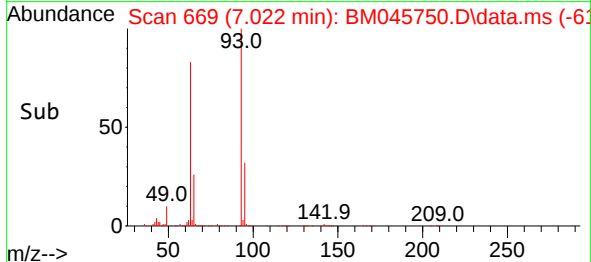
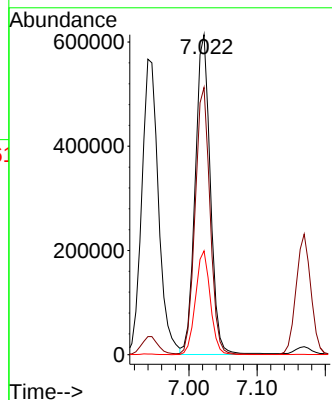
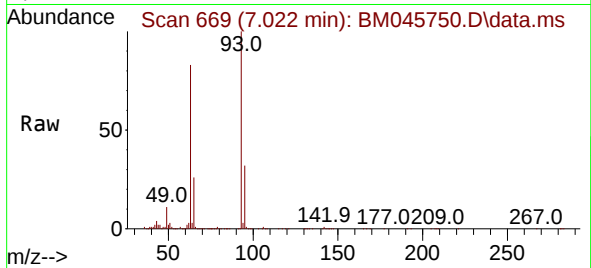




#11
bis(2-Chloroethyl)ether
Concen: 43.720 ng
RT: 7.022 min Scan# 609
Delta R.T. -0.006 min
Lab File: BM045750.D
Acq: 23 May 2024 12:40

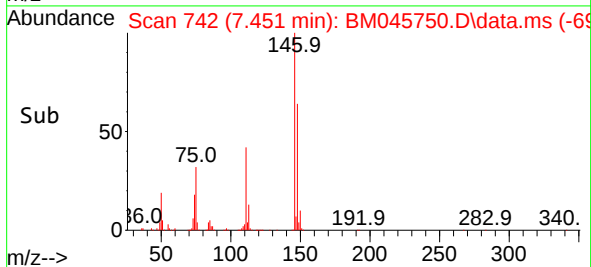
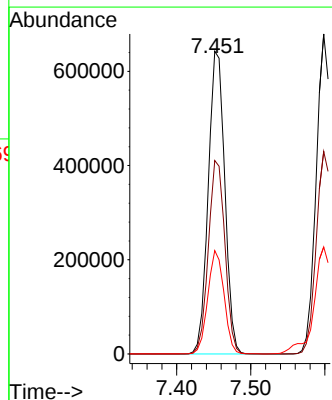
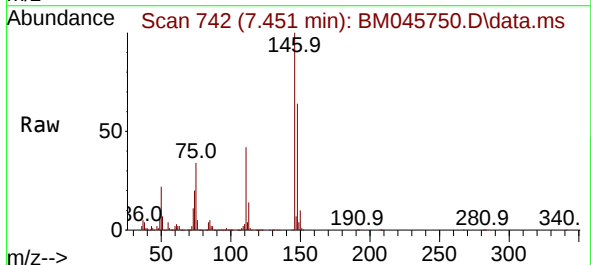
Instrument :
BNA_M
ClientSampleId :
PB161074BS

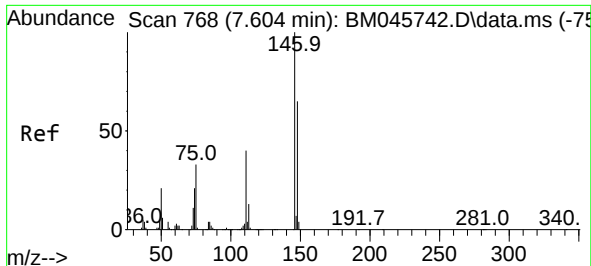
Tgt Ion: 93 Resp: 943599
Ion Ratio Lower Upper
93 100
63 83.5 62.3 102.3
95 32.4 12.5 52.5



#12
1,3-Dichlorobenzene
Concen: 41.636 ng
RT: 7.451 min Scan# 742
Delta R.T. -0.006 min
Lab File: BM045750.D
Acq: 23 May 2024 12:40

Tgt Ion:146 Resp: 997450
Ion Ratio Lower Upper
146 100
148 63.9 51.8 77.6
75 34.1 27.1 40.7

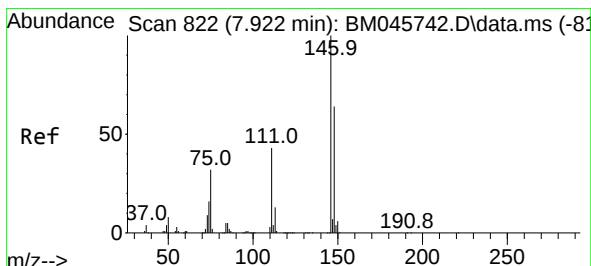
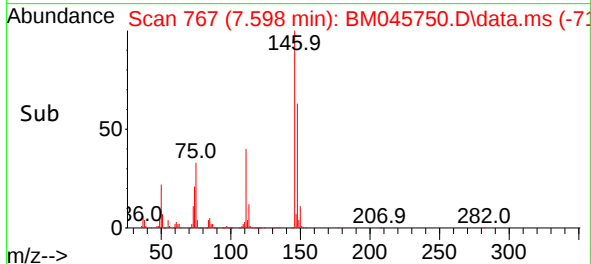
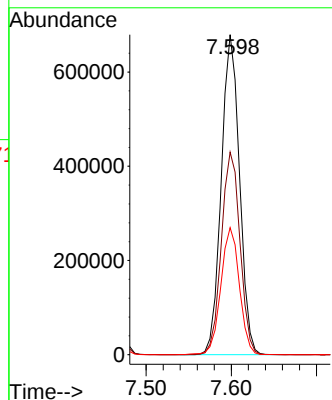
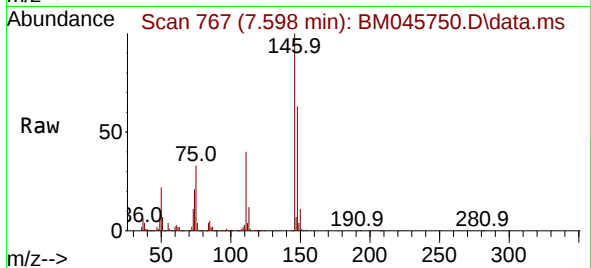




#13
1,4-Dichlorobenzene
Concen: 41.844 ng
RT: 7.598 min Scan# 767
Delta R.T. -0.006 min
Lab File: BM045750.D
Acq: 23 May 2024 12:40

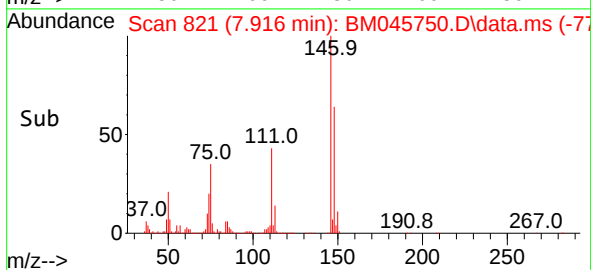
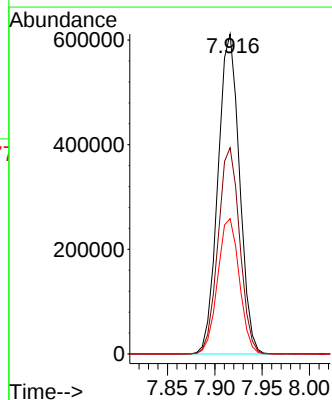
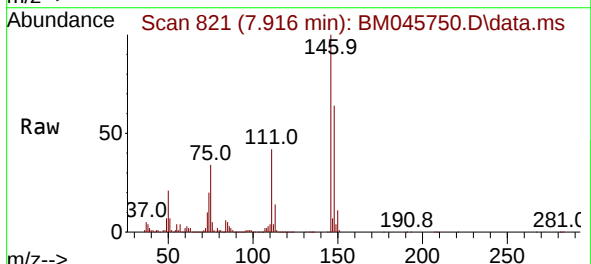
Instrument :
BNA_M
ClientSampleId :
PB161074BS

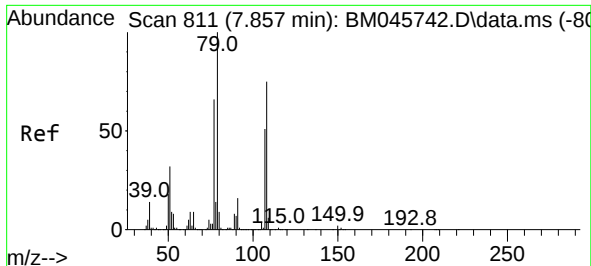
Tgt Ion:146 Resp: 1010942
Ion Ratio Lower Upper
146 100
148 63.3 51.8 77.6
111 39.7 31.7 47.5



#14
1,2-Dichlorobenzene
Concen: 42.913 ng
RT: 7.916 min Scan# 821
Delta R.T. -0.006 min
Lab File: BM045750.D
Acq: 23 May 2024 12:40

Tgt Ion:146 Resp: 968688
Ion Ratio Lower Upper
146 100
148 64.4 51.6 77.4
111 42.3 34.4 51.6

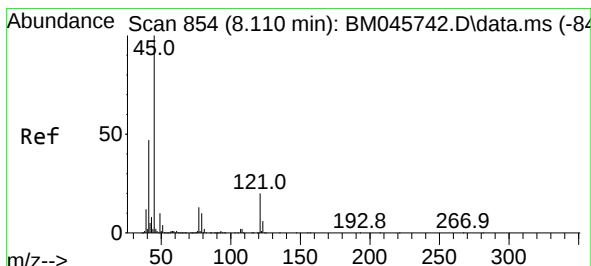
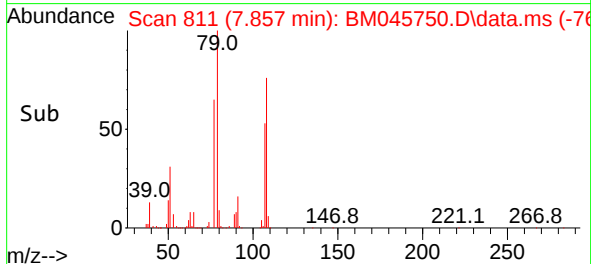
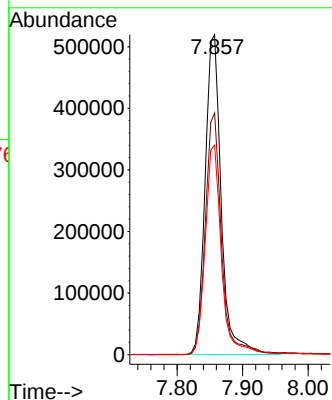
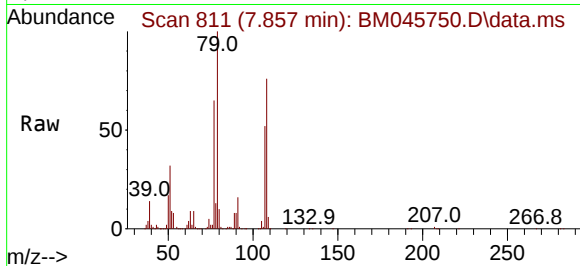




#15
Benzyl Alcohol
Concen: 46.268 ng
RT: 7.857 min Scan# 811
Delta R.T. 0.000 min
Lab File: BM045750.D
Acq: 23 May 2024 12:40

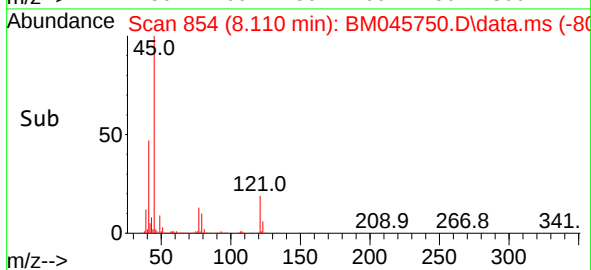
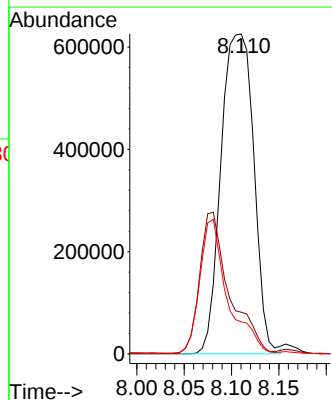
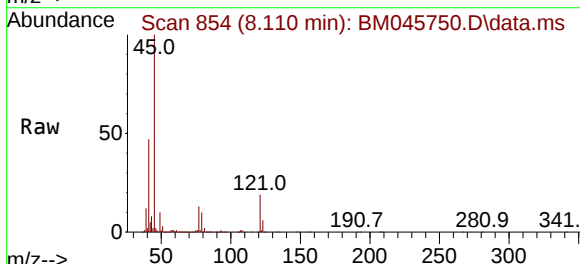
Instrument :
BNA_M
ClientSampleId :
PB161074BS

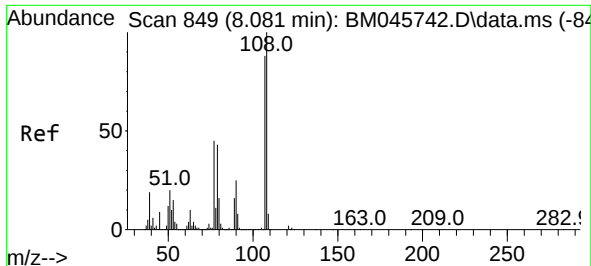
Tgt Ion: 79 Resp: 890351
Ion Ratio Lower Upper
79 100
108 75.6 59.8 89.6
77 65.5 52.6 79.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.990 ng
RT: 8.110 min Scan# 854
Delta R.T. 0.000 min
Lab File: BM045750.D
Acq: 23 May 2024 12:40

Tgt Ion: 45 Resp: 1507053
Ion Ratio Lower Upper
45 100
77 13.1 0.0 33.4
79 10.0 0.0 30.5

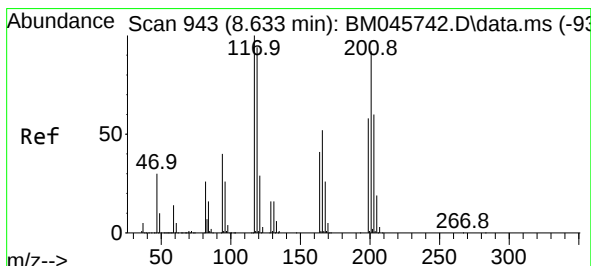
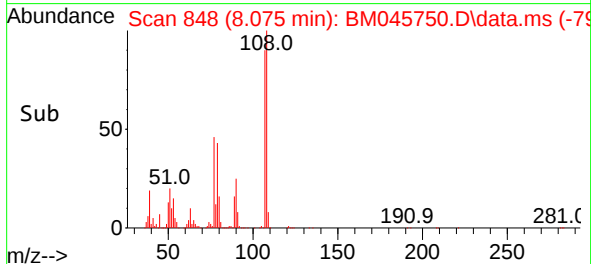
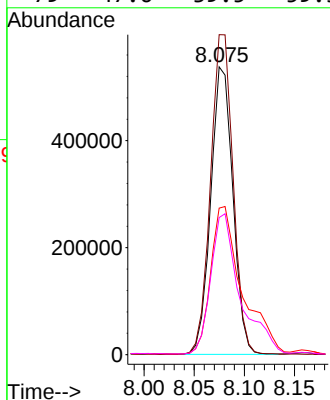
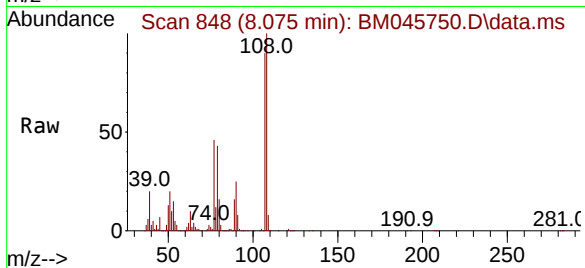




#17
2-Methylphenol
Concen: 47.929 ng
RT: 8.075 min Scan# 849
Delta R.T. -0.006 min
Lab File: BM045750.D
Acq: 23 May 2024 12:40

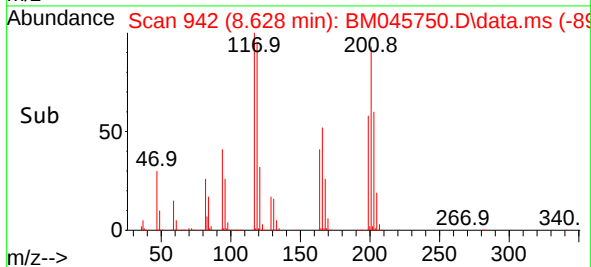
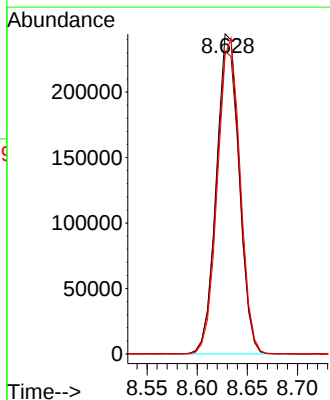
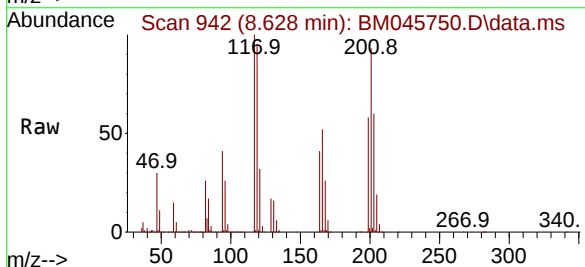
Instrument :
BNA_M
ClientSampleId :
PB161074BS

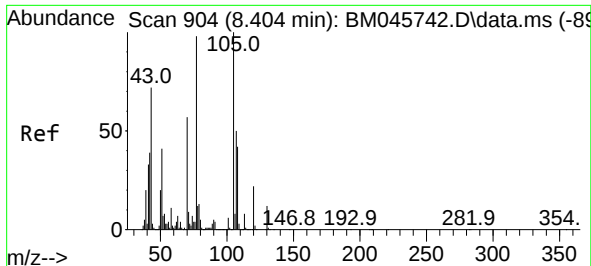
Tgt Ion:	107	Resp:	827389
Ion	Ratio	Lower	Upper
107	100		
108	111.2	91.4	137.2
77	50.9	41.1	61.7
79	47.6	39.5	59.3



#18
Hexachloroethane
Concen: 41.523 ng
RT: 8.628 min Scan# 942
Delta R.T. -0.006 min
Lab File: BM045750.D
Acq: 23 May 2024 12:40

Tgt Ion:	117	Resp:	389414
Ion	Ratio	Lower	Upper
117	100		
119	94.7	75.1	112.7
201	93.3	73.5	110.3

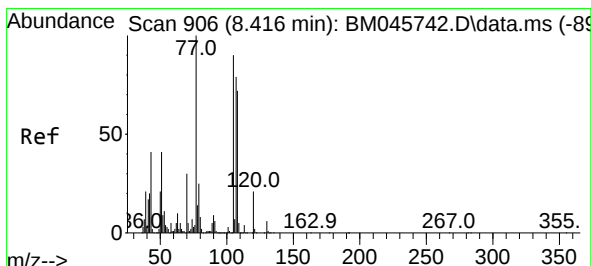
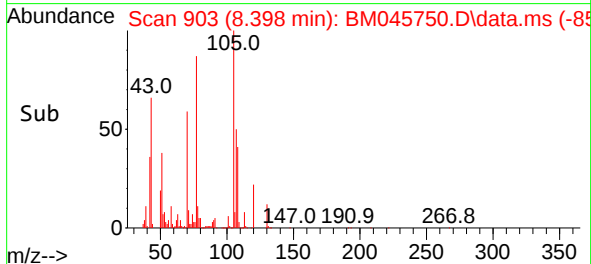
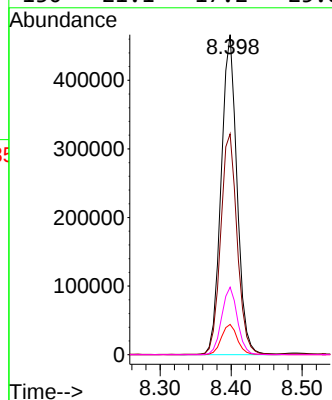
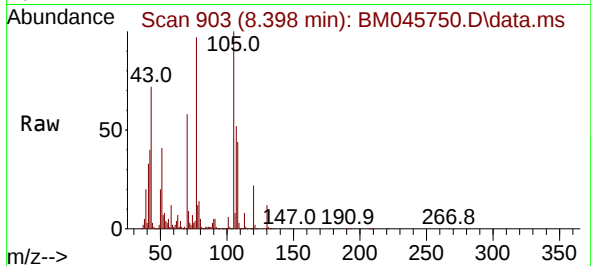




#19
n-Nitroso-di-n-propylamine
Concen: 41.606 ng
RT: 8.398 min Scan# 903
Delta R.T. -0.006 min
Lab File: BM045750.D
Acq: 23 May 2024 12:40

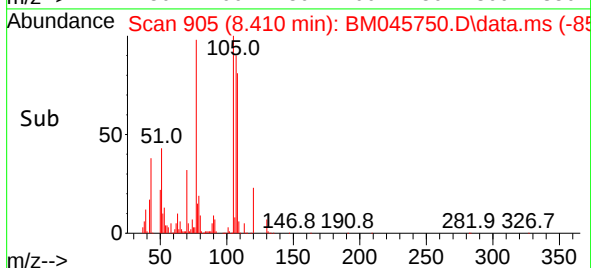
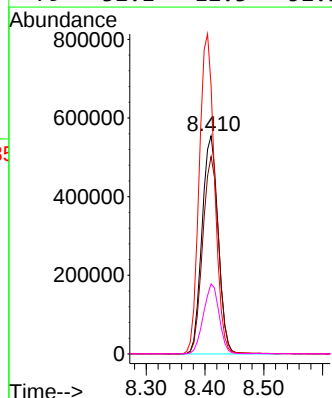
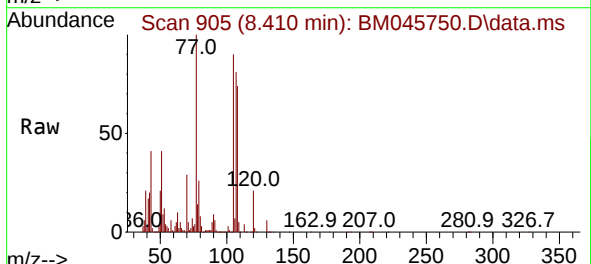
Instrument :
BNA_M
ClientSampleId :
PB161074BS

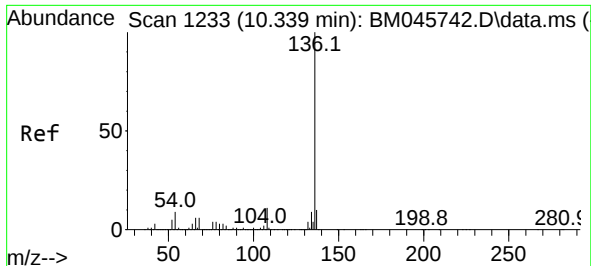
Tgt Ion: 70 Resp: 720794
Ion Ratio Lower Upper
70 100
42 69.0 55.8 83.6
101 9.5 7.8 11.6
130 21.1 17.2 25.8



#20
3+4-Methylphenols
Concen: 46.148 ng
RT: 8.410 min Scan# 905
Delta R.T. -0.006 min
Lab File: BM045750.D
Acq: 23 May 2024 12:40

Tgt Ion: 107 Resp: 1060829
Ion Ratio Lower Upper
107 100
108 90.5 71.2 111.2
77 122.9 106.9 146.9
79 32.1 12.3 52.3

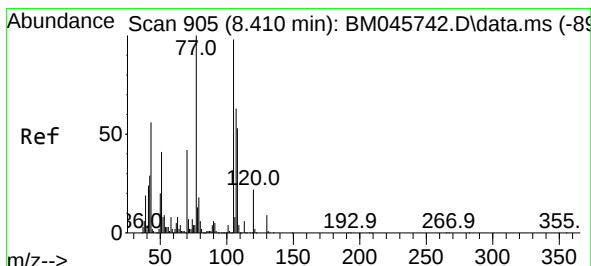
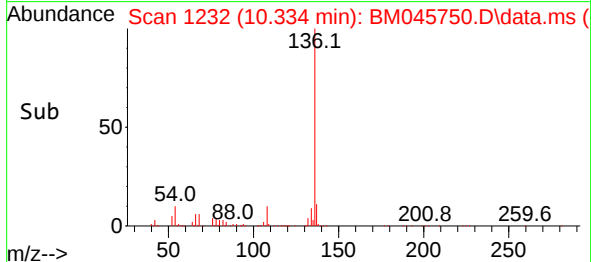
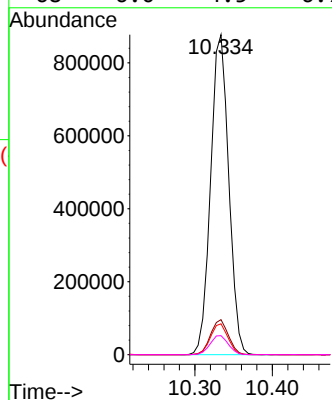
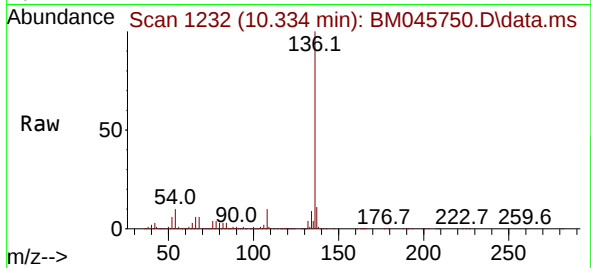




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.334 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM045750.D
Acq: 23 May 2024 12:40

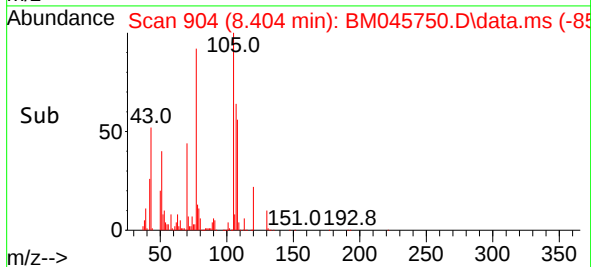
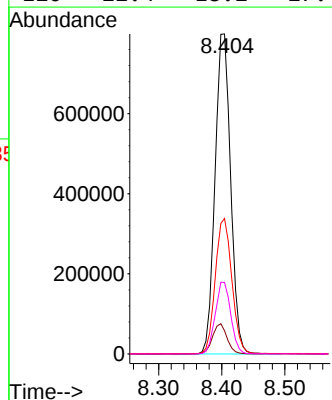
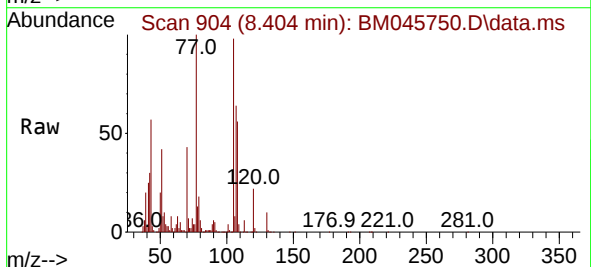
Instrument :
BNA_M
ClientSampleId :
PB161074BS

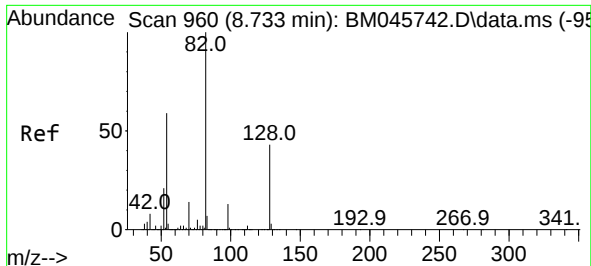
Tgt Ion:136 Resp: 1427447
Ion Ratio Lower Upper
136 100
137 10.9 8.2 12.2
54 9.7 7.5 11.3
68 6.0 4.5 6.7



#22
Acetophenone
Concen: 41.574 ng
RT: 8.404 min Scan# 904
Delta R.T. -0.006 min
Lab File: BM045750.D
Acq: 23 May 2024 12:40

Tgt Ion:105 Resp: 1372494
Ion Ratio Lower Upper
105 100
71 7.2 5.7 8.5
51 42.3 33.8 50.6
120 22.4 18.2 27.4





#23

Nitrobenzene-d5

Concen: 83.132 ng

RT: 8.728 min Scan# 91

Delta R.T. -0.005 min

Lab File: BM045750.D

Acq: 23 May 2024 12:40

Instrument :

BNA_M

ClientSampleId :

PB161074BS

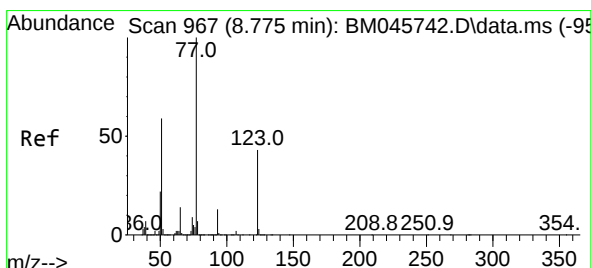
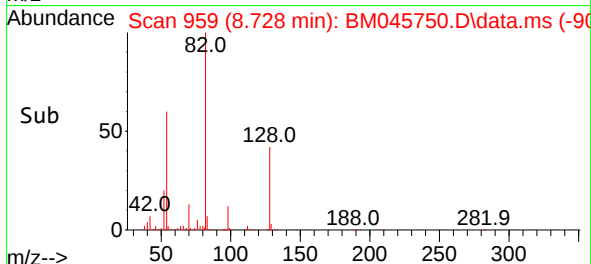
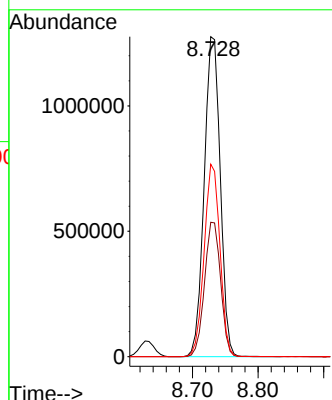
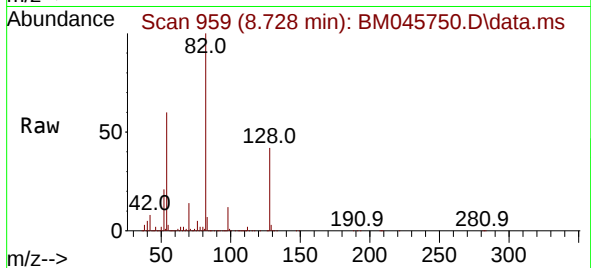
Tgt Ion: 82 Resp: 2181476

Ion Ratio Lower Upper

82 100

128 42.0 34.2 51.4

54 60.1 47.3 70.9



#24

Nitrobenzene

Concen: 42.026 ng

RT: 8.769 min Scan# 966

Delta R.T. -0.006 min

Lab File: BM045750.D

Acq: 23 May 2024 12:40

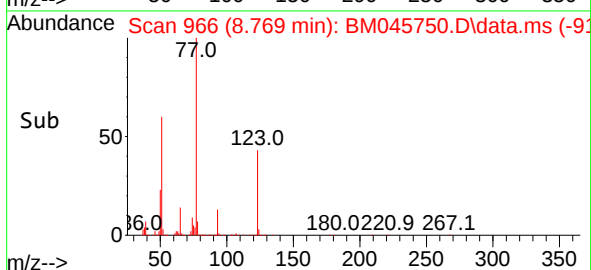
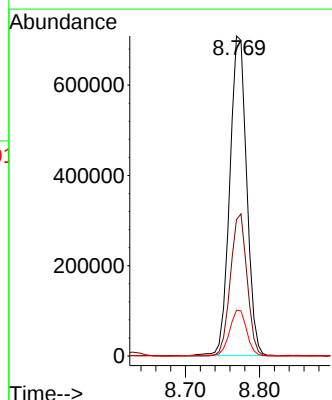
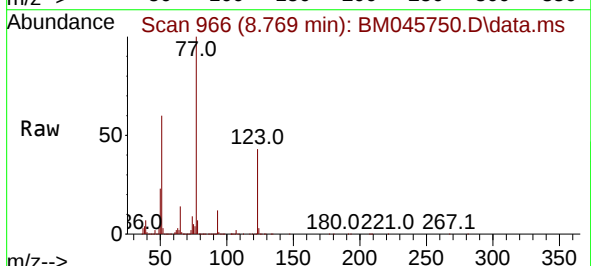
Tgt Ion: 77 Resp: 1121637

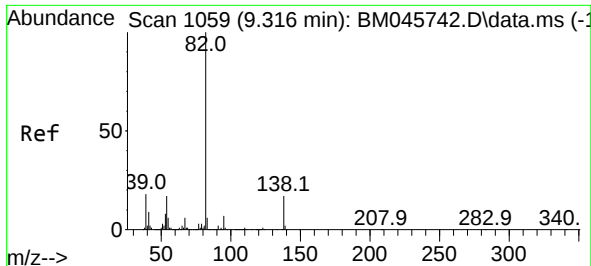
Ion Ratio Lower Upper

77 100

123 42.7 34.1 51.1

65 14.3 11.2 16.8

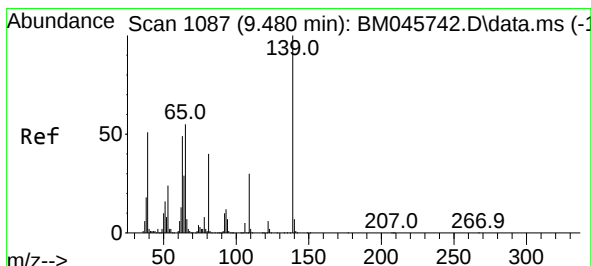
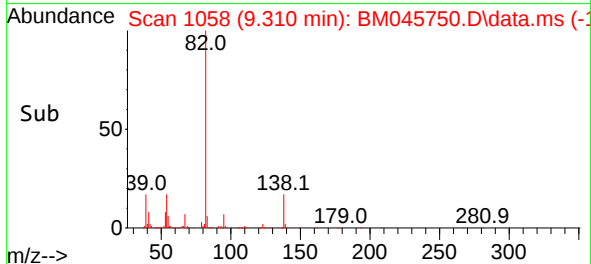
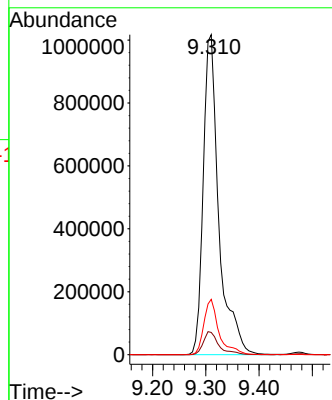
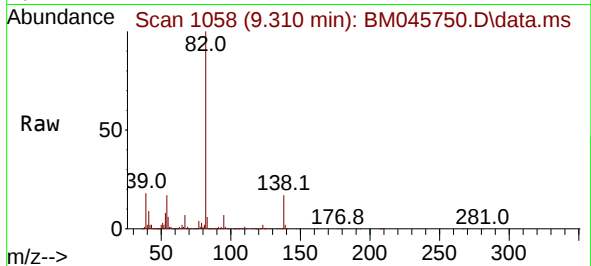




#25
Isophorone
Concen: 42.288 ng
RT: 9.310 min Scan# 1059
Delta R.T. -0.006 min
Lab File: BM045750.D
Acq: 23 May 2024 12:40

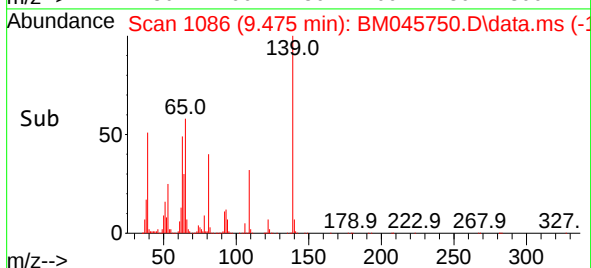
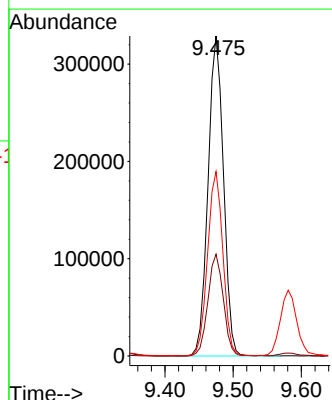
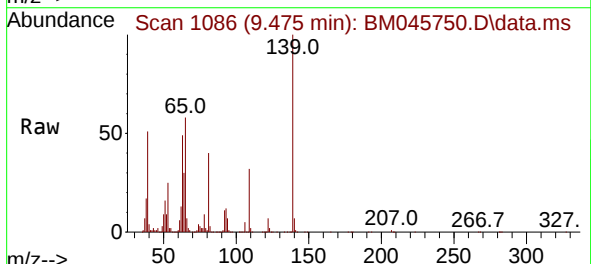
Instrument :
BNA_M
ClientSampleId :
PB161074BS

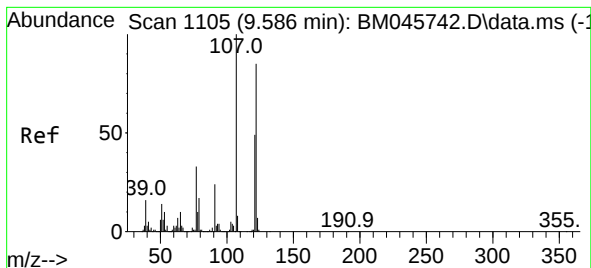
Tgt Ion: 82 Resp: 2065671
Ion Ratio Lower Upper
82 100
95 6.9 5.7 8.5
138 17.3 13.8 20.8



#26
2-Nitrophenol
Concen: 44.277 ng
RT: 9.475 min Scan# 1086
Delta R.T. -0.005 min
Lab File: BM045750.D
Acq: 23 May 2024 12:40

Tgt Ion:139 Resp: 518290
Ion Ratio Lower Upper
139 100
109 31.8 24.4 36.6
65 57.6 44.5 66.7





#27

2,4-Dimethylphenol

Concen: 63.197 ng

RT: 9.581 min Scan# 1105

Delta R.T. -0.006 min

Lab File: BM045750.D

Acq: 23 May 2024 12:40

Instrument :

BNA_M

ClientSampleId :

PB161074BS

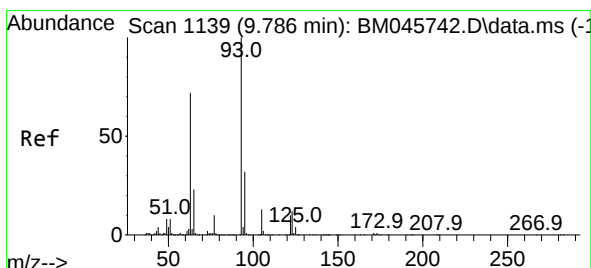
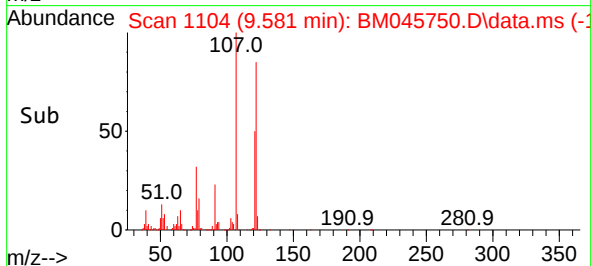
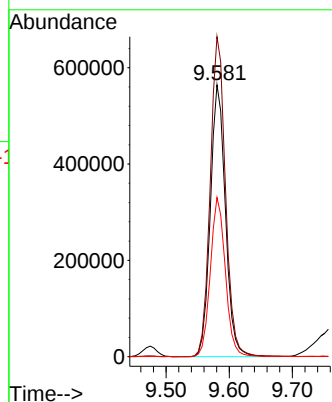
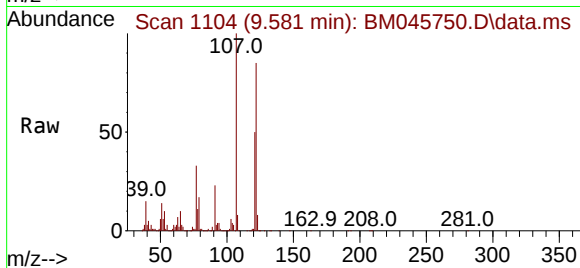
Tgt Ion:122 Resp: 941554

Ion Ratio Lower Upper

122 100

107 117.7 93.9 140.9

121 58.6 46.1 69.1



#28

bis(2-Chloroethoxy)methane

Concen: 43.128 ng

RT: 9.781 min Scan# 1138

Delta R.T. -0.006 min

Lab File: BM045750.D

Acq: 23 May 2024 12:40

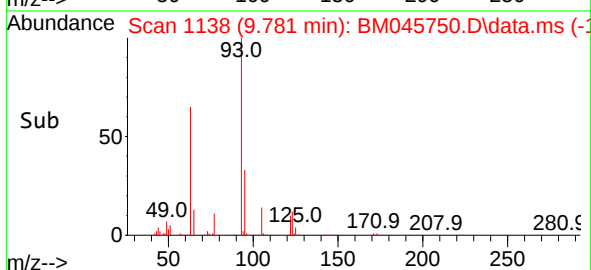
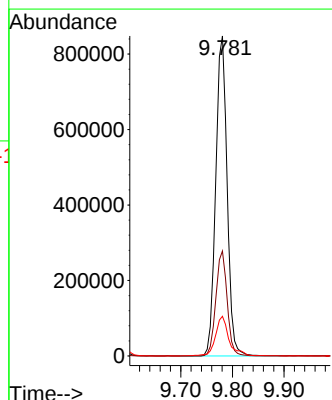
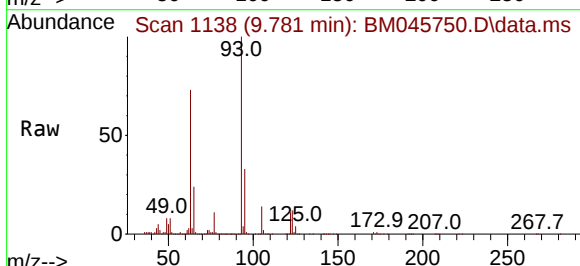
Tgt Ion: 93 Resp: 1297143

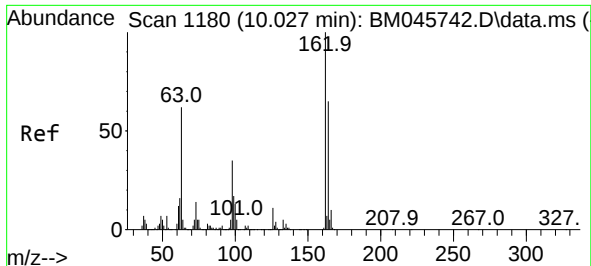
Ion Ratio Lower Upper

93 100

95 32.8 25.8 38.8

123 12.4 9.8 14.8





#29

2,4-Dichlorophenol

Concen: 47.561 ng

RT: 10.022 min Scan# 11

Delta R.T. -0.005 min

Lab File: BM045750.D

Acq: 23 May 2024 12:40

Instrument :

BNA_M

ClientSampleId :

PB161074BS

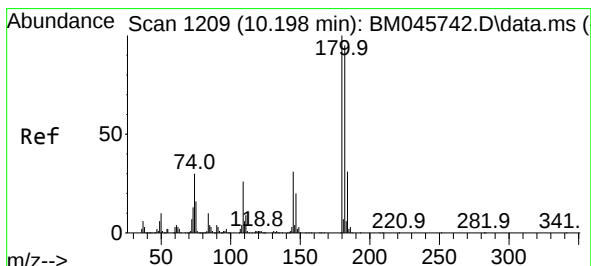
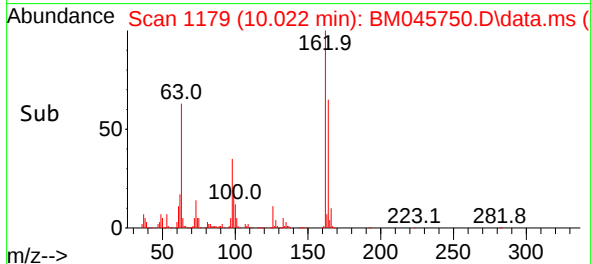
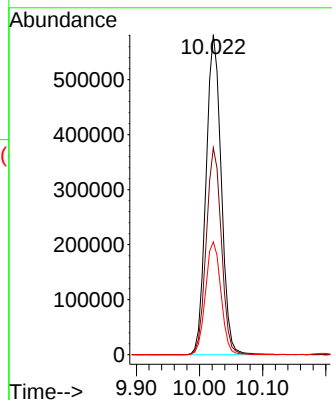
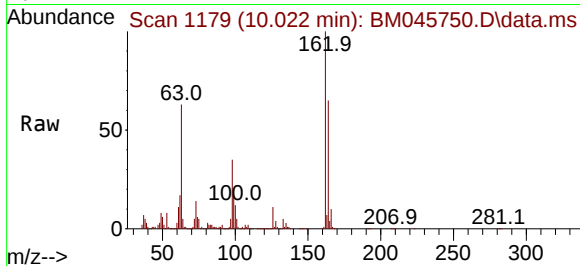
Tgt Ion:162 Resp: 968997

Ion Ratio Lower Upper

162 100

164 64.6 45.4 85.4

98 35.2 15.5 55.5



#30

1,2,4-Trichlorobenzene

Concen: 41.642 ng

RT: 10.192 min Scan# 1208

Delta R.T. -0.006 min

Lab File: BM045750.D

Acq: 23 May 2024 12:40

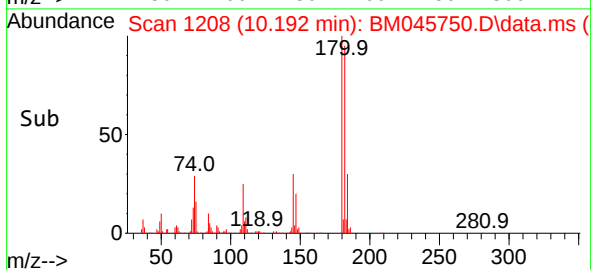
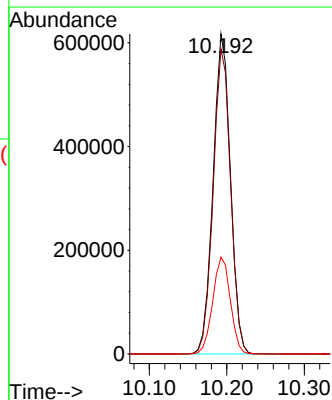
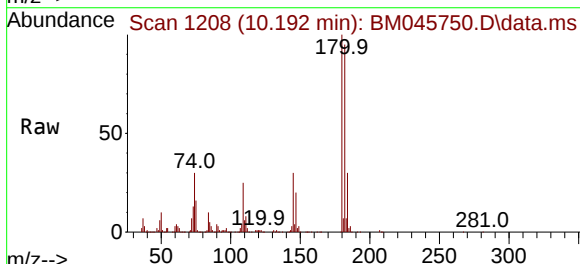
Tgt Ion:180 Resp: 960700

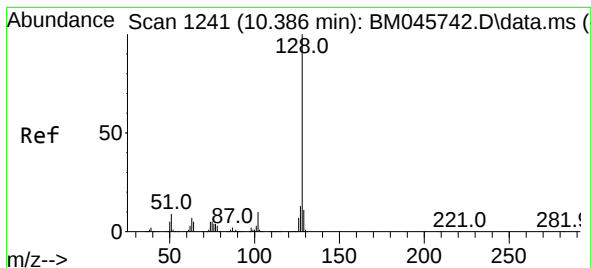
Ion Ratio Lower Upper

180 100

182 95.3 76.0 114.0

145 30.3 24.6 37.0

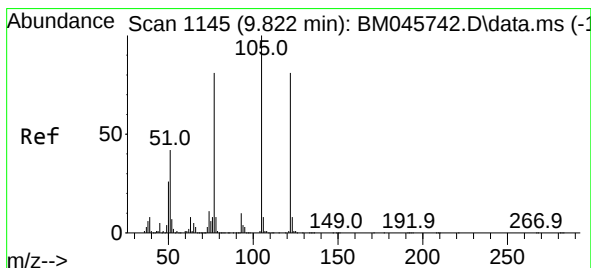
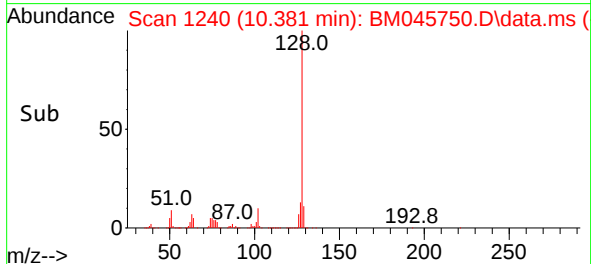
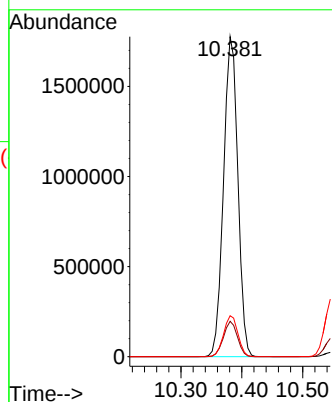
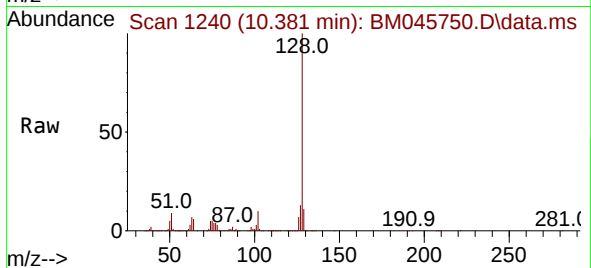




#31
Naphthalene
Concen: 40.960 ng
RT: 10.381 min Scan# 1144
Delta R.T. -0.005 min
Lab File: BM045750.D
Acq: 23 May 2024 12:40

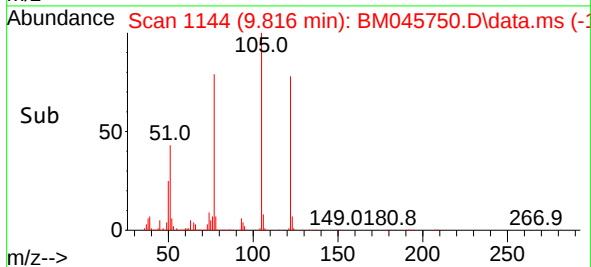
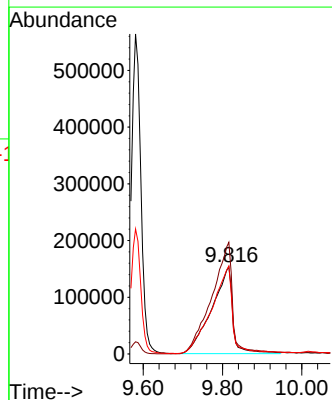
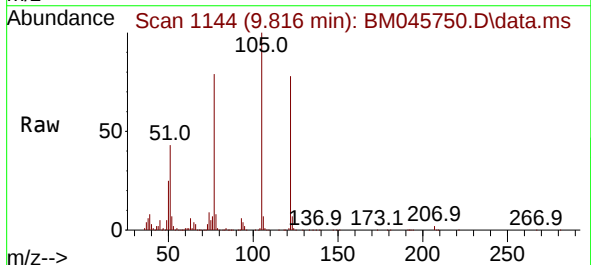
Instrument :
BNA_M
ClientSampleId :
PB161074BS

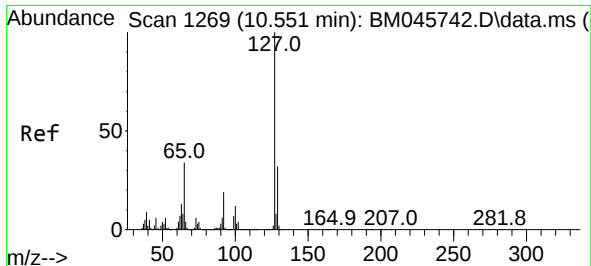
Tgt Ion:128 Resp: 2896631
Ion Ratio Lower Upper
128 100
129 11.1 8.6 13.0
127 12.8 10.2 15.2



#32
Benzoic acid
Concen: 41.170 ng
RT: 9.816 min Scan# 1144
Delta R.T. -0.006 min
Lab File: BM045750.D
Acq: 23 May 2024 12:40

Tgt Ion:122 Resp: 564350
Ion Ratio Lower Upper
122 100
105 128.0 103.0 143.0
77 100.9 79.9 119.9

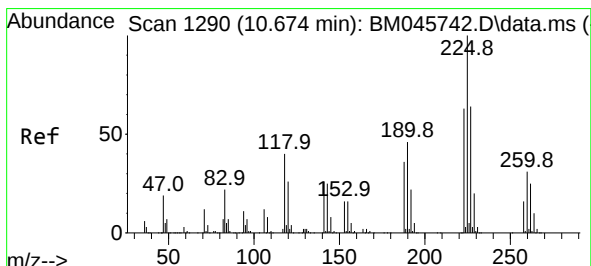
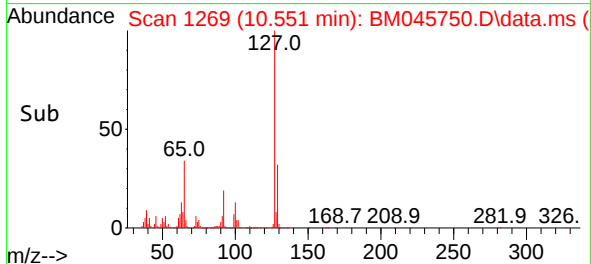
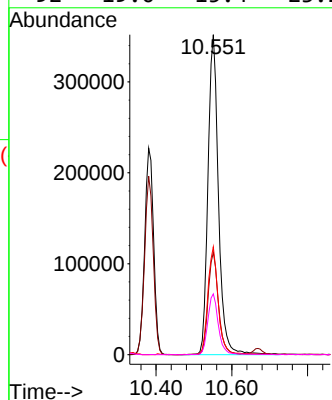
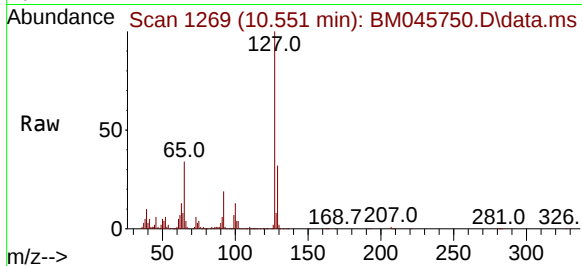




#33
4-Chloroaniline
Concen: 25.005 ng
RT: 10.551 min Scan# 1269
Delta R.T. 0.000 min
Lab File: BM045750.D
Acq: 23 May 2024 12:40

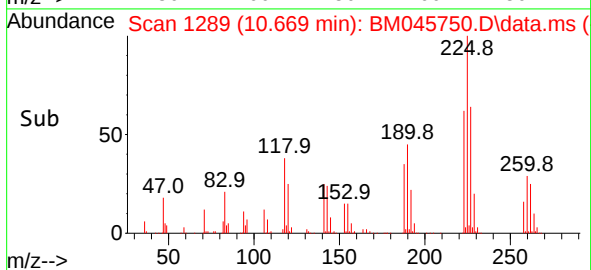
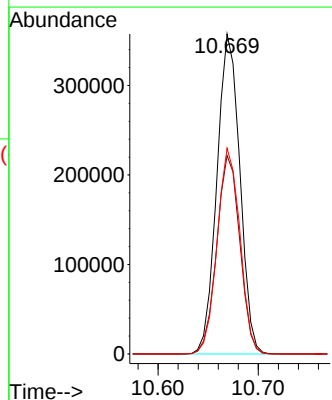
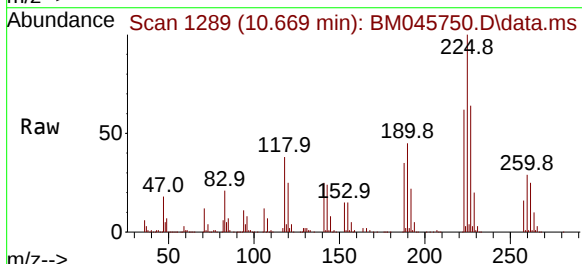
Instrument :
BNA_M
ClientSampleId :
PB161074BS

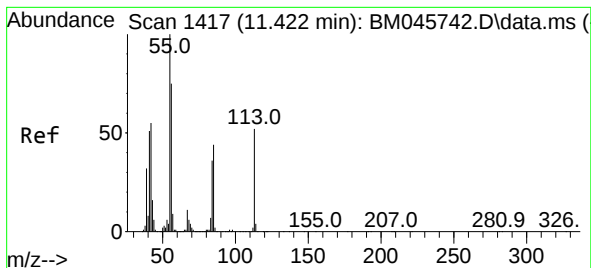
Tgt Ion:	127	Resp:	675032
Ion	Ratio	Lower	Upper
127	100		
129	32.0	25.7	38.5
65	33.7	27.3	40.9
92	19.0	15.4	23.2



#34
Hexachlorobutadiene
Concen: 40.089 ng
RT: 10.669 min Scan# 1289
Delta R.T. -0.006 min
Lab File: BM045750.D
Acq: 23 May 2024 12:40

Tgt Ion:	225	Resp:	567032
Ion	Ratio	Lower	Upper
225	100		
223	62.0	50.5	75.7
227	64.3	51.0	76.6

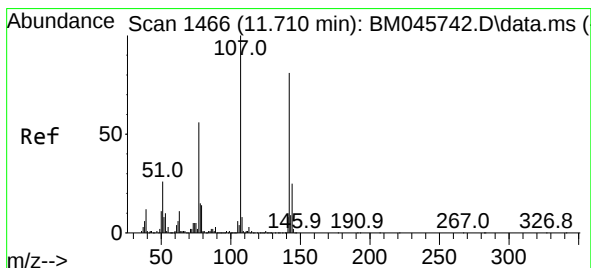
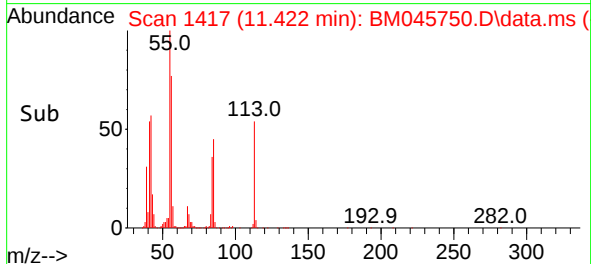
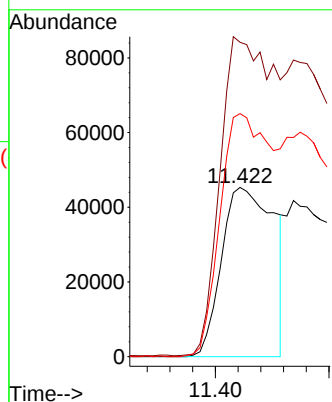
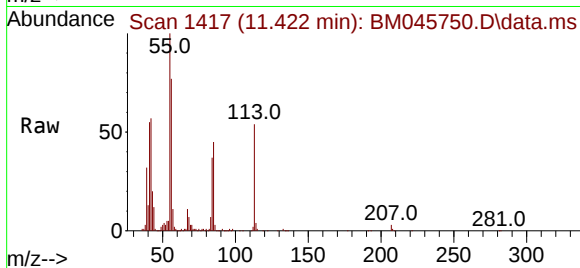




#35
 Caprolactam
 Concen: 21.998 ng
 RT: 11.422 min Scan# 1417
 Delta R.T. 0.000 min
 Lab File: BM045750.D
 Acq: 23 May 2024 12:40

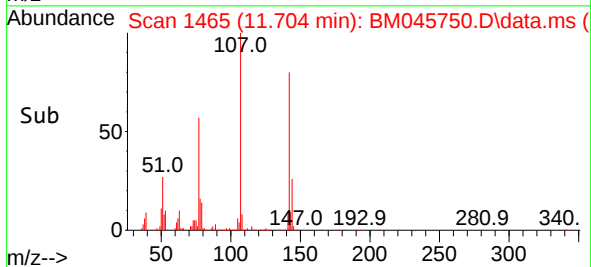
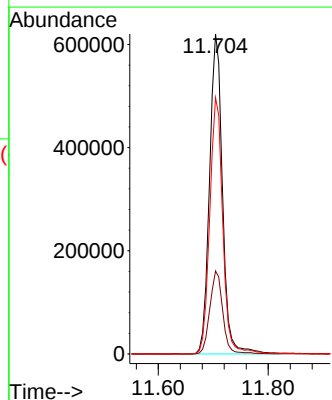
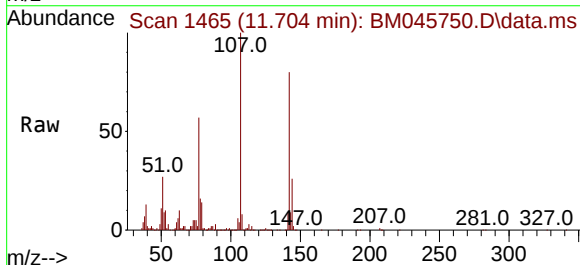
Instrument :
 BNA_M
 ClientSampleId :
 PB161074BS

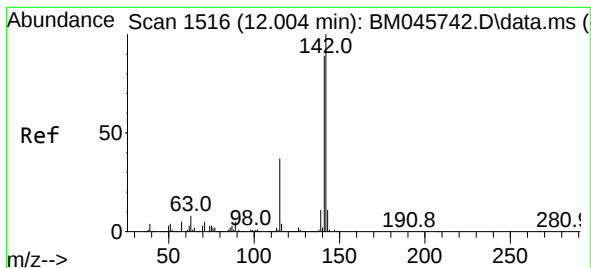
Tgt Ion:113 Resp: 144952
 Ion Ratio Lower Upper
 113 100
 55 185.8 171.1 211.1
 56 143.6 123.3 163.3



#36
 4-Chloro-3-methylphenol
 Concen: 43.808 ng
 RT: 11.704 min Scan# 1465
 Delta R.T. -0.006 min
 Lab File: BM045750.D
 Acq: 23 May 2024 12:40

Tgt Ion:107 Resp: 1014923
 Ion Ratio Lower Upper
 107 100
 144 26.0 20.4 30.6
 142 80.1 64.7 97.1

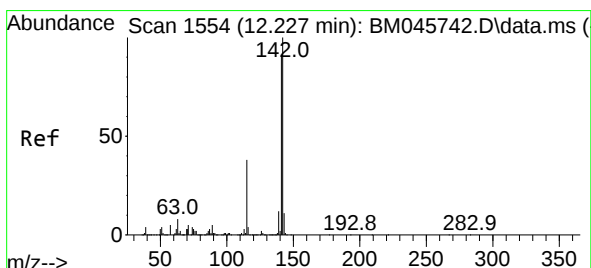
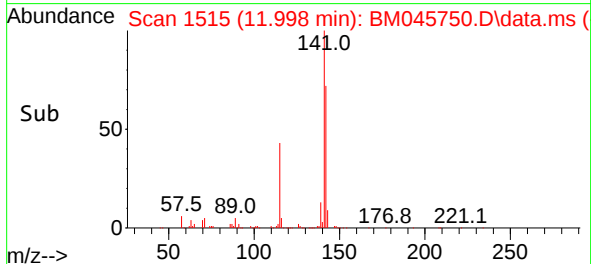
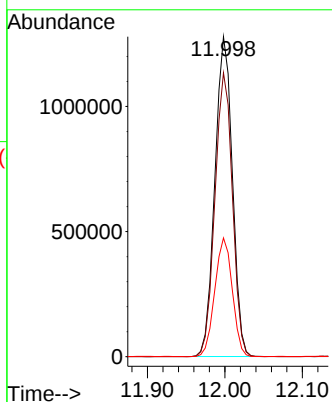
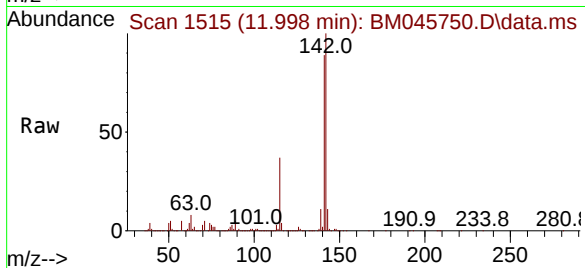




#37
2-Methylnaphthalene
Concen: 40.711 ng
RT: 11.998 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM045750.D
Acq: 23 May 2024 12:40

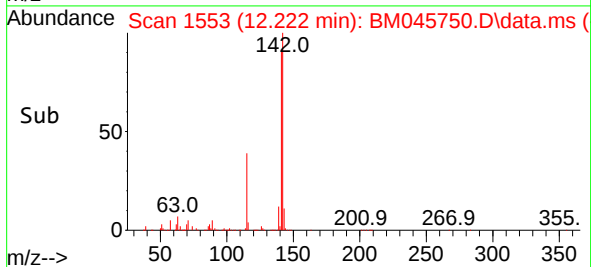
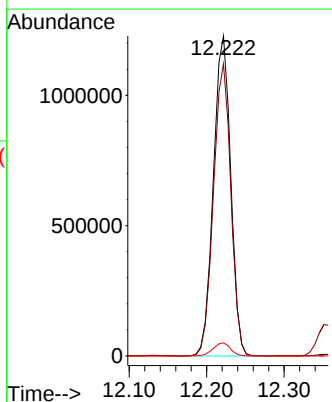
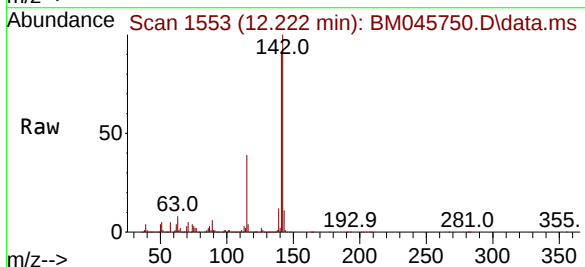
Instrument :
BNA_M
ClientSampleId :
PB161074BS

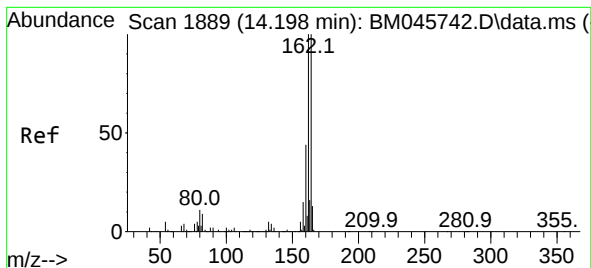
Tgt Ion:142 Resp: 2005491
Ion Ratio Lower Upper
142 100
141 88.7 71.1 106.7
115 37.1 29.4 44.0



#38
1-Methylnaphthalene
Concen: 39.135 ng
RT: 12.222 min Scan# 1553
Delta R.T. -0.006 min
Lab File: BM045750.D
Acq: 23 May 2024 12:40

Tgt Ion:142 Resp: 1902114
Ion Ratio Lower Upper
142 100
141 91.2 72.8 109.2
116 4.1 3.0 4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.198 min Scan# 1889

Delta R.T. 0.000 min

Lab File: BM045750.D

Acq: 23 May 2024 12:40

Instrument :

BNA_M

ClientSampleId :

PB161074BS

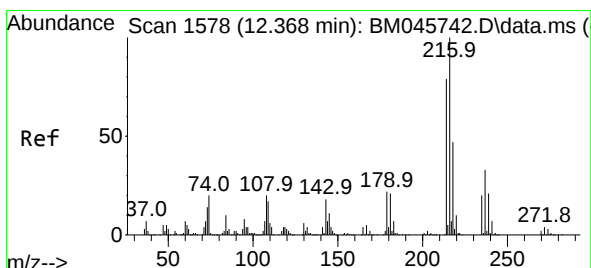
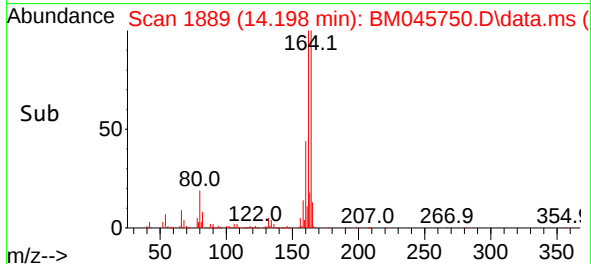
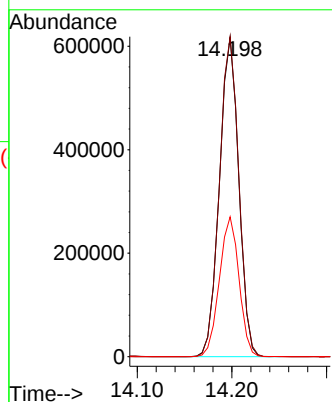
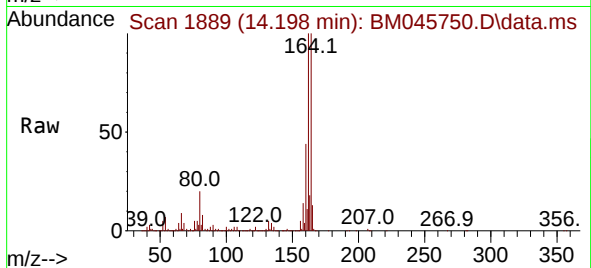
Tgt Ion:164 Resp: 875413

Ion Ratio Lower Upper

164 100

162 100.3 79.9 119.9

160 43.8 35.0 52.6



#40

1,2,4,5-Tetrachlorobenzene

Concen: 44.063 ng

RT: 12.369 min Scan# 1578

Delta R.T. 0.000 min

Lab File: BM045750.D

Acq: 23 May 2024 12:40

Tgt Ion:216 Resp: 994762

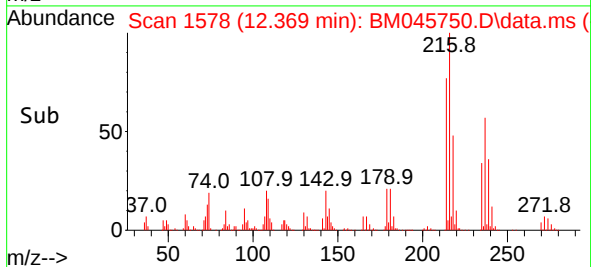
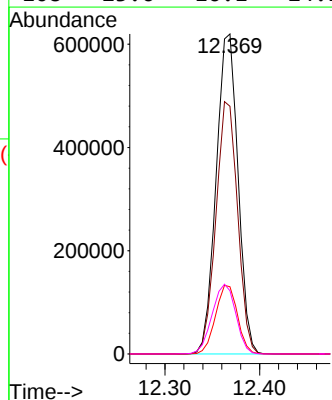
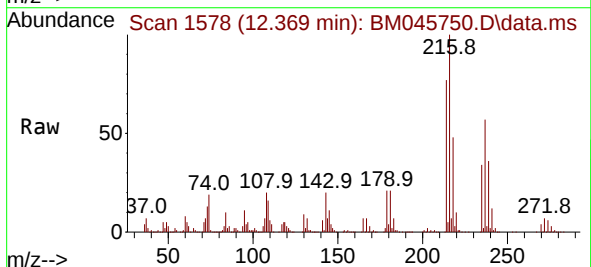
Ion Ratio Lower Upper

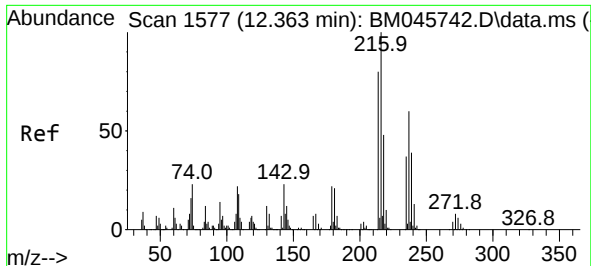
216 100

214 78.3 62.6 94.0

179 21.6 17.4 26.2

108 23.6 16.1 24.1

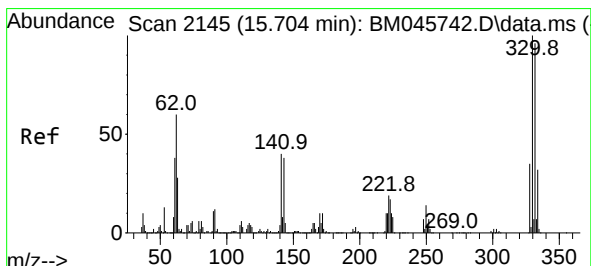
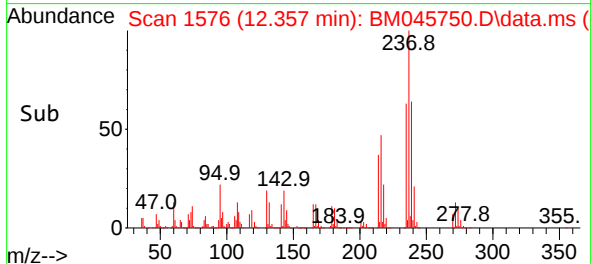
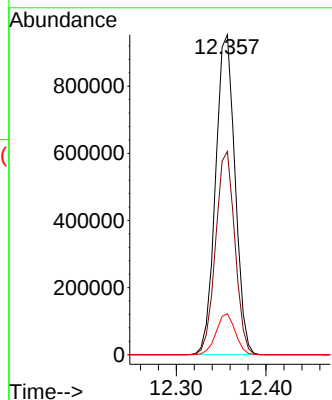
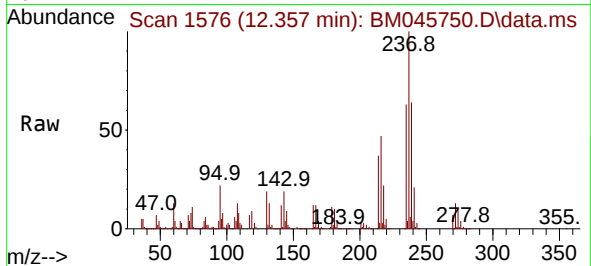




#41
Hexachlorocyclopentadiene
Concen: 151.921 ng
RT: 12.357 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM045750.D
Acq: 23 May 2024 12:40

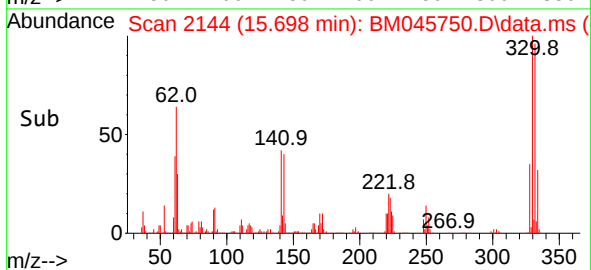
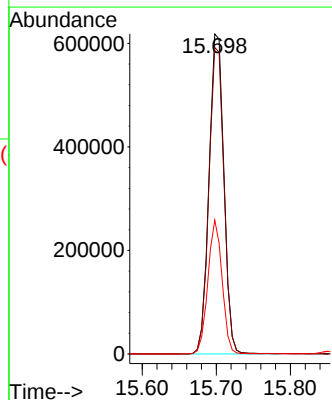
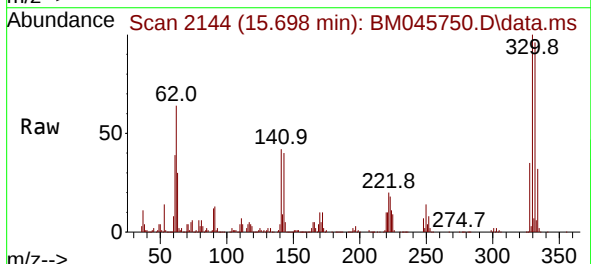
Instrument :
BNA_M
ClientSampleId :
PB161074BS

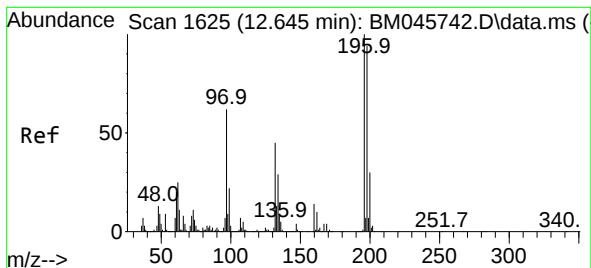
Tgt Ion:237 Resp: 1435483
Ion Ratio Lower Upper
237 100
235 63.5 41.8 81.8
272 12.8 0.0 32.9



#42
2,4,6-Tribromophenol
Concen: 93.254 ng
RT: 15.698 min Scan# 2144
Delta R.T. -0.006 min
Lab File: BM045750.D
Acq: 23 May 2024 12:40

Tgt Ion:330 Resp: 864672
Ion Ratio Lower Upper
330 100
332 96.3 77.2 115.8
141 39.9 32.2 48.4





#43

2,4,6-Trichlorophenol

Concen: 49.002 ng

RT: 12.645 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM045750.D

Acq: 23 May 2024 12:40

Instrument :

BNA_M

ClientSampleId :

PB161074BS

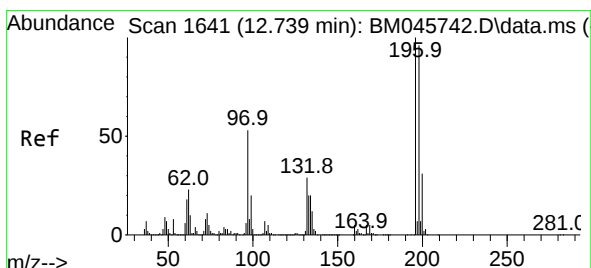
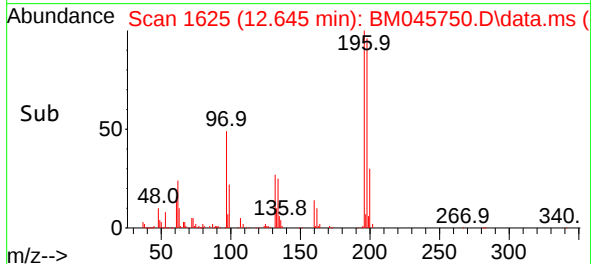
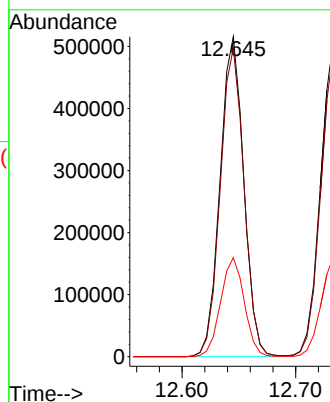
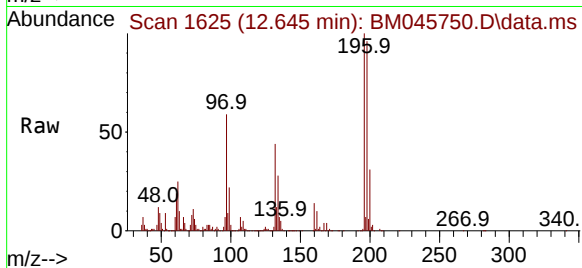
Tgt Ion:196 Resp: 746602

Ion Ratio Lower Upper

196 100

198 96.5 75.4 113.0

200 30.9 24.3 36.5



#44

2,4,5-Trichlorophenol

Concen: 47.177 ng

RT: 12.733 min Scan# 1640

Delta R.T. -0.006 min

Lab File: BM045750.D

Acq: 23 May 2024 12:40

Tgt Ion:196 Resp: 799996

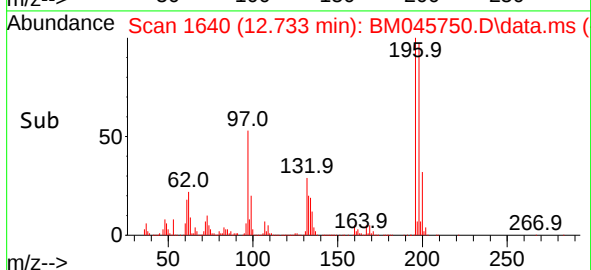
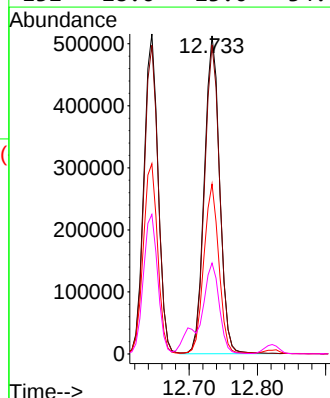
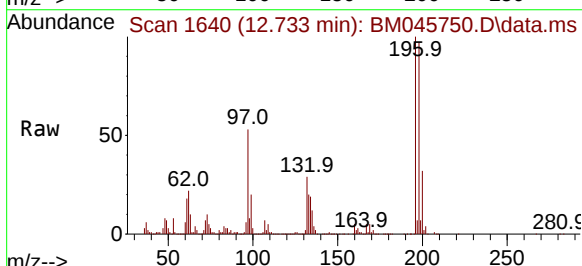
Ion Ratio Lower Upper

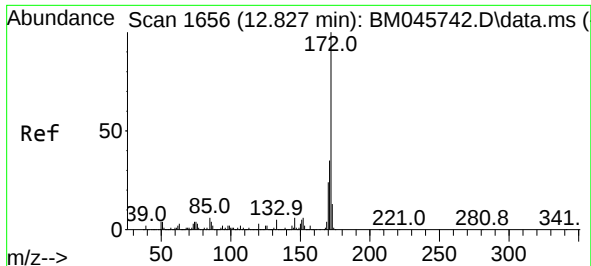
196 100

198 97.2 77.2 115.8

97 53.4 42.6 64.0

132 28.6 23.0 34.6

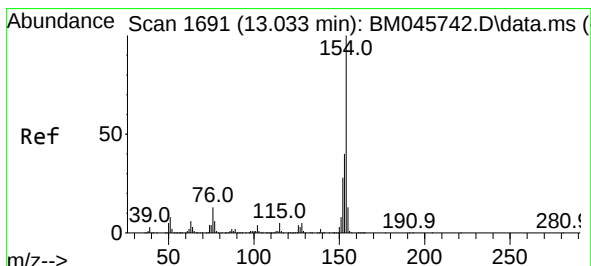
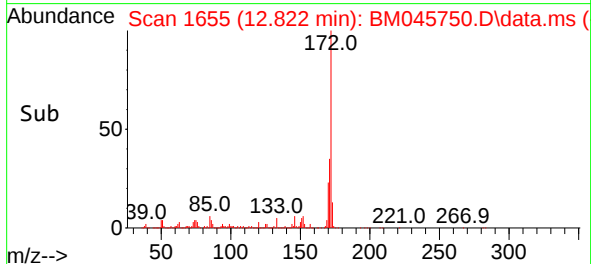
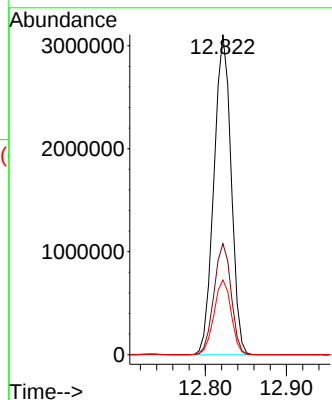
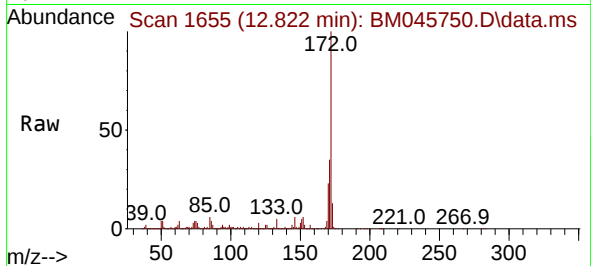




#45
2-Fluorobiphenyl
Concen: 83.756 ng
RT: 12.822 min Scan# 1655
Delta R.T. -0.006 min
Lab File: BM045750.D
Acq: 23 May 2024 12:40

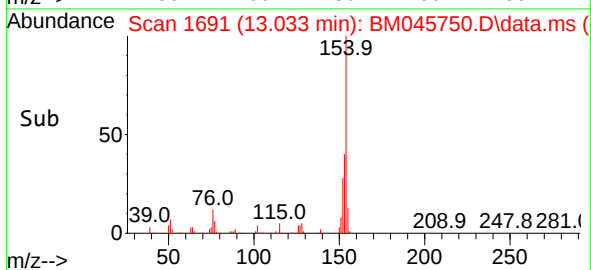
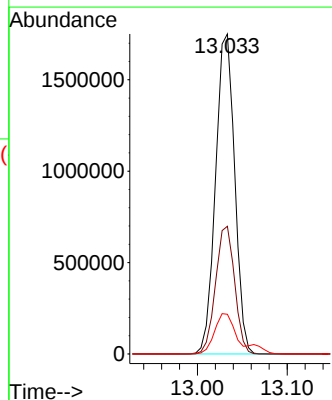
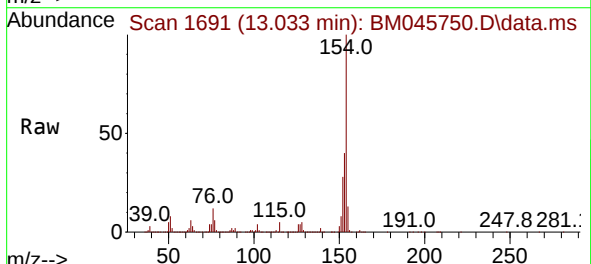
Instrument :
BNA_M
ClientSampleId :
PB161074BS

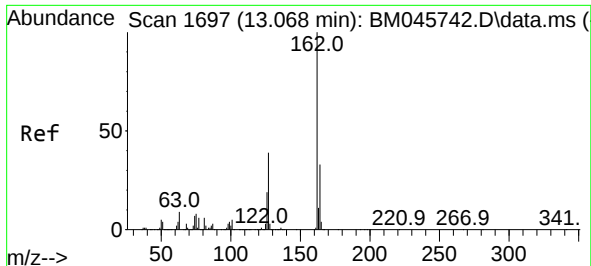
Tgt Ion:172 Resp: 4561955
Ion Ratio Lower Upper
172 100
171 34.7 27.9 41.9
170 23.4 18.8 28.2



#46
1,1'-Biphenyl
Concen: 43.826 ng
RT: 13.033 min Scan# 1691
Delta R.T. 0.000 min
Lab File: BM045750.D
Acq: 23 May 2024 12:40

Tgt Ion:154 Resp: 2586132
Ion Ratio Lower Upper
154 100
153 39.9 19.8 59.8
76 12.4 0.0 33.0

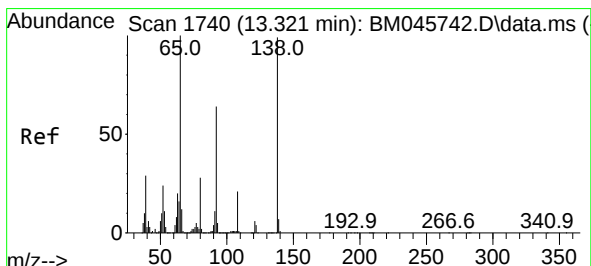
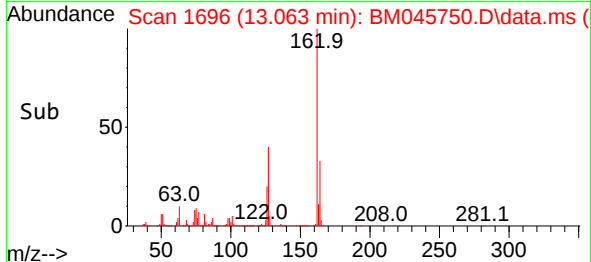
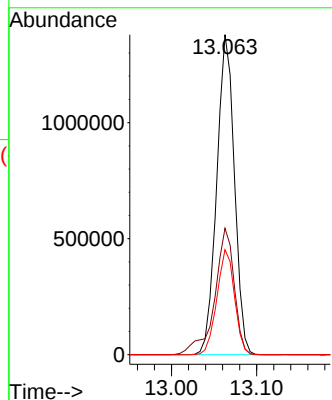
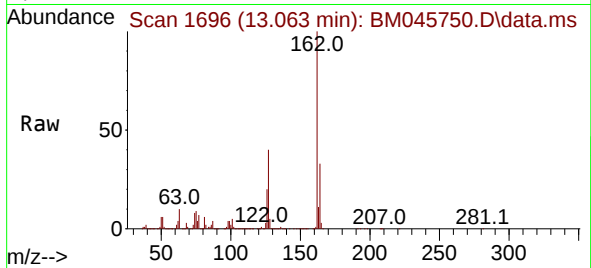




#47
2-Chloronaphthalene
Concen: 43.043 ng
RT: 13.063 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM045750.D
Acq: 23 May 2024 12:40

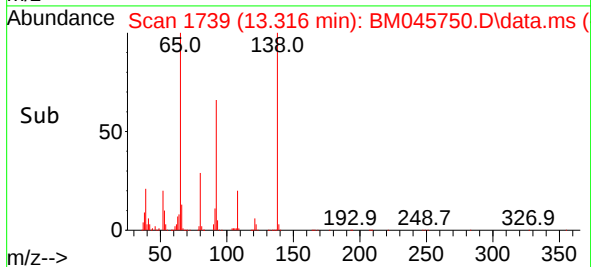
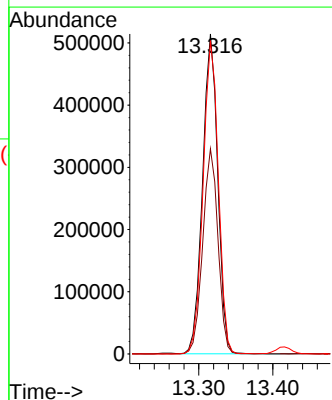
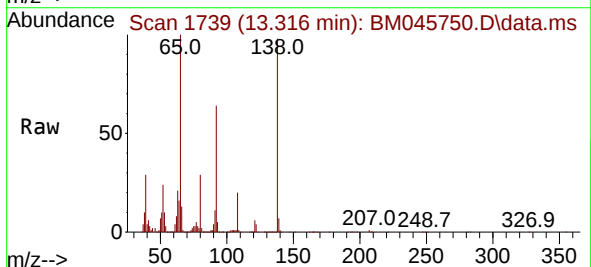
Instrument :
BNA_M
ClientSampleId :
PB161074BS

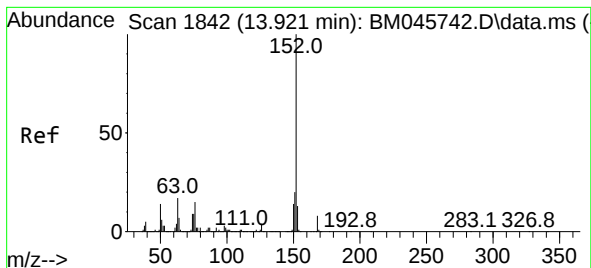
Tgt Ion:162 Resp: 1987742
Ion Ratio Lower Upper
162 100
127 39.5 31.7 47.5
164 32.8 26.2 39.2



#48
2-Nitroaniline
Concen: 50.088 ng
RT: 13.316 min Scan# 1739
Delta R.T. -0.005 min
Lab File: BM045750.D
Acq: 23 May 2024 12:40

Tgt Ion: 65 Resp: 729875
Ion Ratio Lower Upper
65 100
92 64.1 50.8 76.2
138 97.9 79.4 119.2





#49

Acenaphthylene

Concen: 45.599 ng

RT: 13.922 min Scan# 1842

Delta R.T. 0.000 min

Lab File: BM045750.D

Acq: 23 May 2024 12:40

Instrument :

BNA_M

ClientSampleId :

PB161074BS

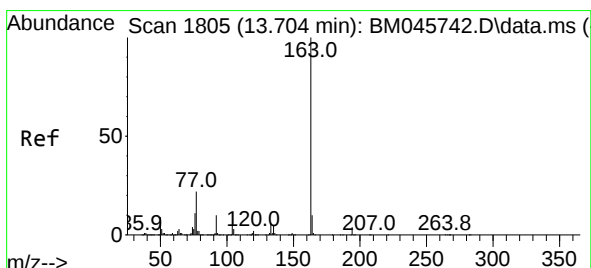
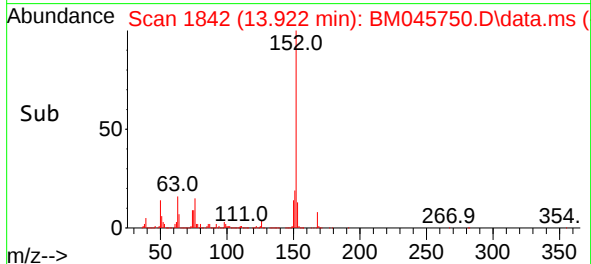
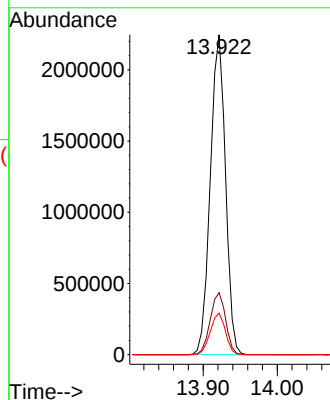
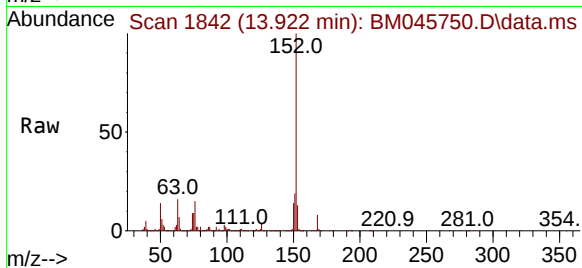
Tgt Ion:152 Resp: 3193085

Ion Ratio Lower Upper

152 100

151 19.4 15.7 23.5

153 13.0 10.5 15.7



#50

Dimethylphthalate

Concen: 45.210 ng

RT: 13.698 min Scan# 1804

Delta R.T. -0.006 min

Lab File: BM045750.D

Acq: 23 May 2024 12:40

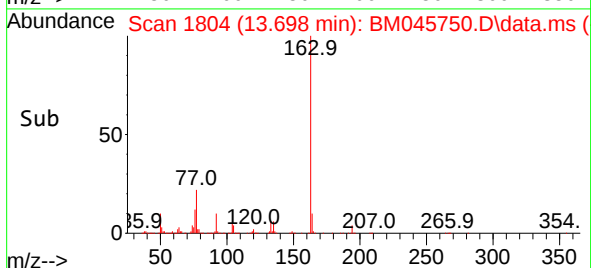
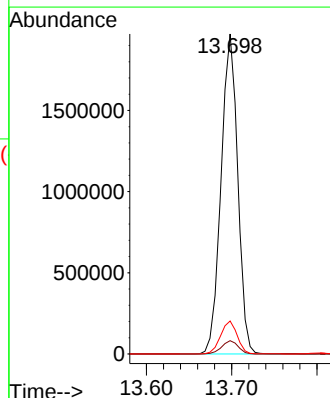
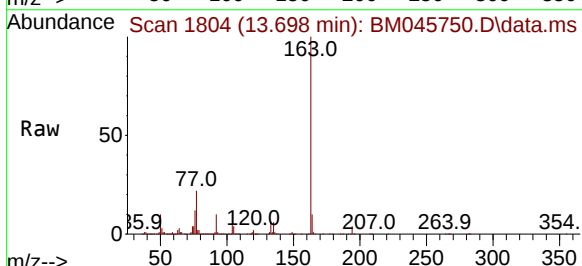
Tgt Ion:163 Resp: 2677136

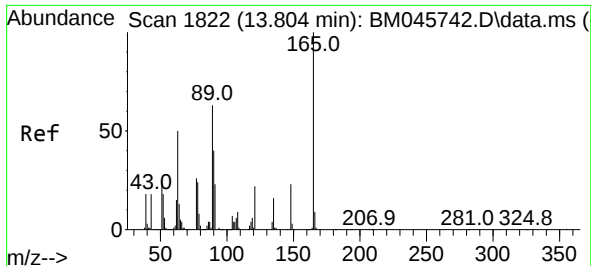
Ion Ratio Lower Upper

163 100

194 4.2 3.3 4.9

164 10.3 8.1 12.1





#51

2,6-Dinitrotoluene

Concen: 46.083 ng

RT: 13.804 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM045750.D

Acq: 23 May 2024 12:40

Instrument :

BNA_M

ClientSampleId :

PB161074BS

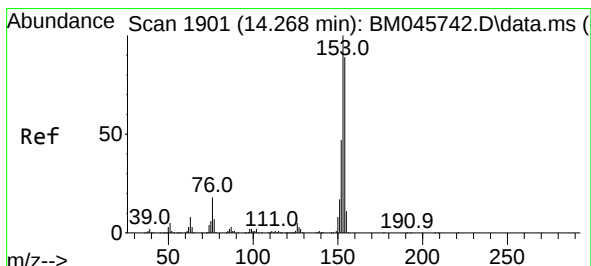
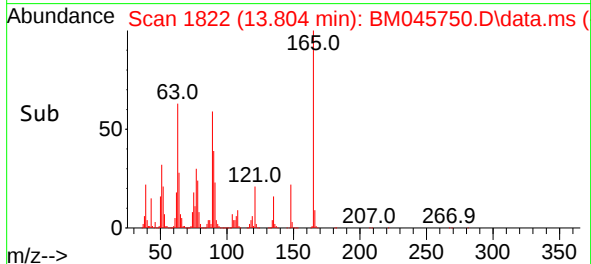
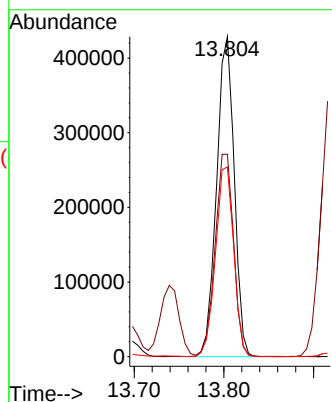
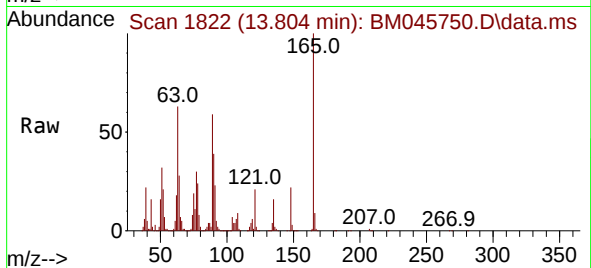
Tgt Ion:165 Resp: 585680

Ion Ratio Lower Upper

165 100

63 63.3 53.8 80.8

89 59.3 50.6 75.8



#52

Acenaphthene

Concen: 44.289 ng

RT: 14.263 min Scan# 1900

Delta R.T. -0.005 min

Lab File: BM045750.D

Acq: 23 May 2024 12:40

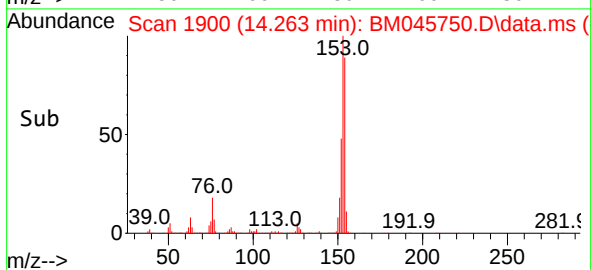
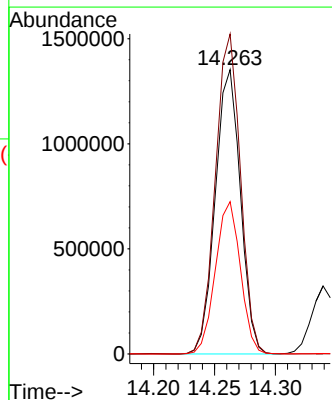
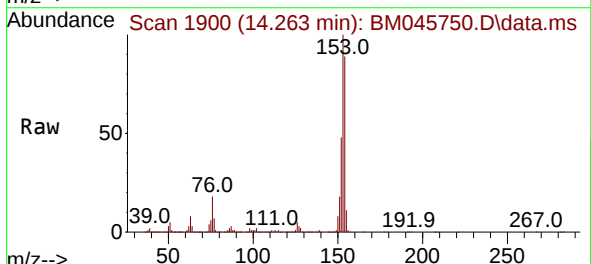
Tgt Ion:154 Resp: 1944091

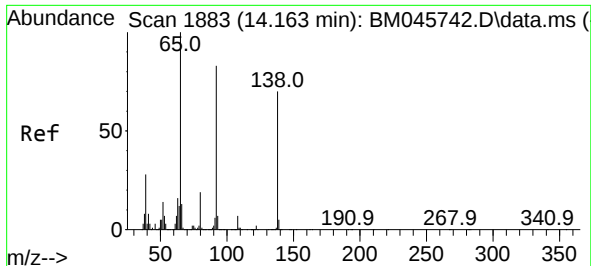
Ion Ratio Lower Upper

154 100

153 112.5 89.7 134.5

152 53.6 42.2 63.2

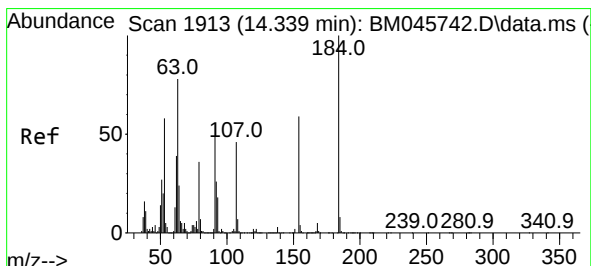
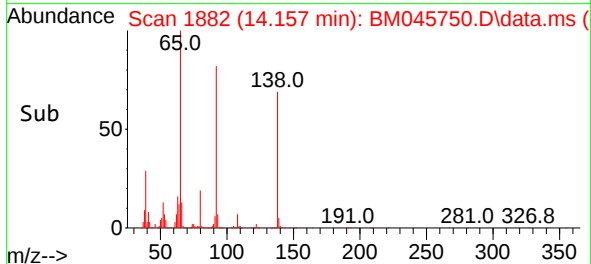
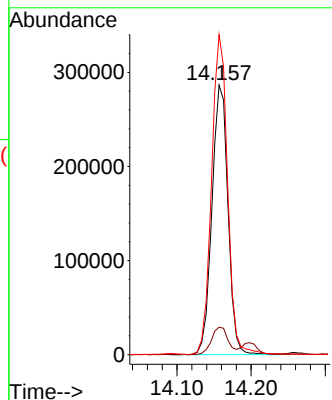
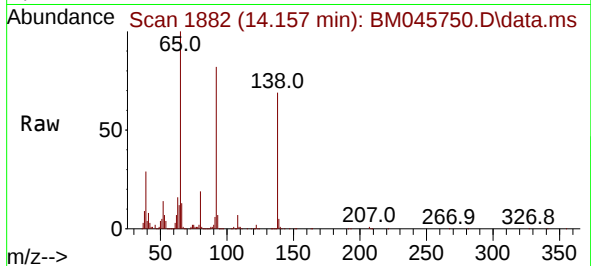




#53
3-Nitroaniline
Concen: 33.260 ng
RT: 14.157 min Scan# 1882
Delta R.T. -0.006 min
Lab File: BM045750.D
Acq: 23 May 2024 12:40

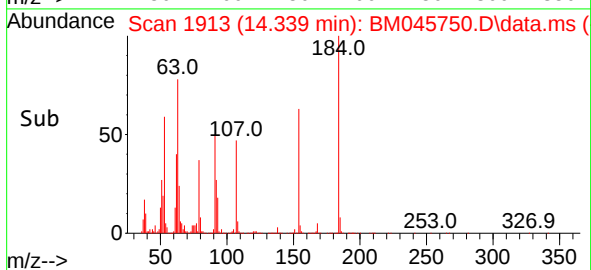
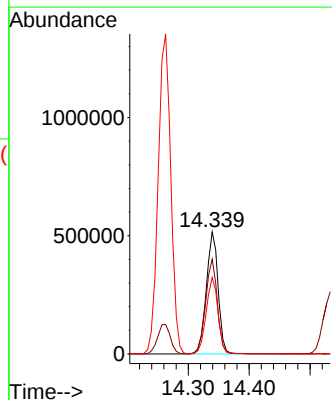
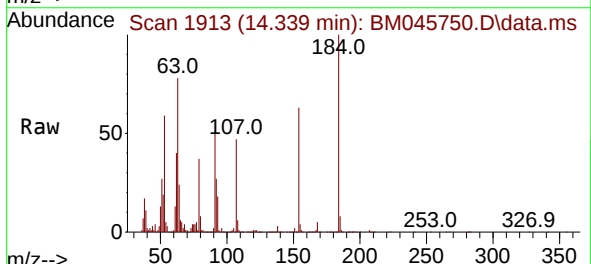
Instrument :
BNA_M
ClientSampleId :
PB161074BS

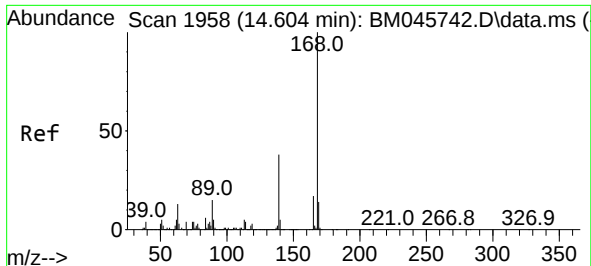
Tgt Ion:138 Resp: 431133
Ion Ratio Lower Upper
138 100
108 10.2 8.6 12.8
92 118.7 94.5 141.7



#54
2,4-Dinitrophenol
Concen: 93.704 ng
RT: 14.339 min Scan# 1913
Delta R.T. 0.000 min
Lab File: BM045750.D
Acq: 23 May 2024 12:40

Tgt Ion:184 Resp: 693215
Ion Ratio Lower Upper
184 100
63 77.6 62.3 93.5
154 62.7 48.1 72.1

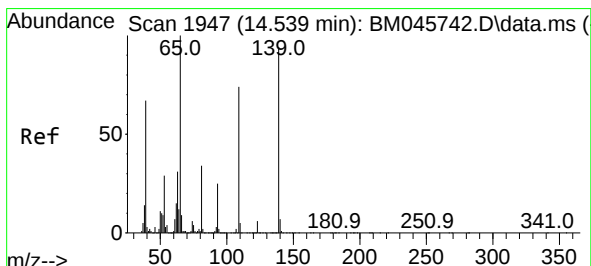
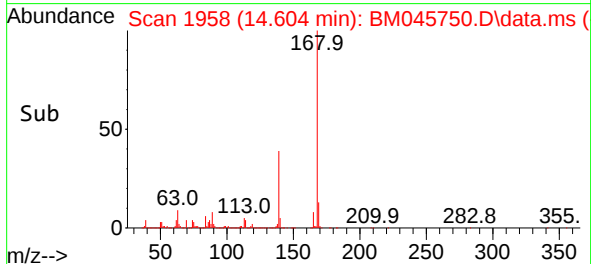
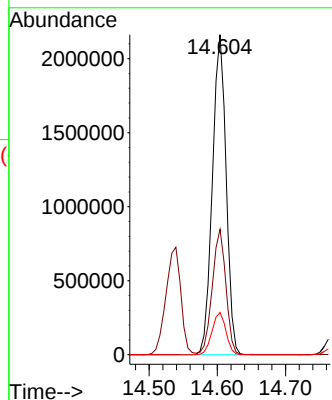
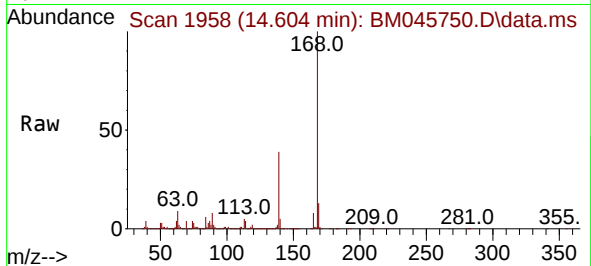




#55
Dibenzofuran
Concen: 43.768 ng
RT: 14.604 min Scan# 1958
Delta R.T. -0.000 min
Lab File: BM045750.D
Acq: 23 May 2024 12:40

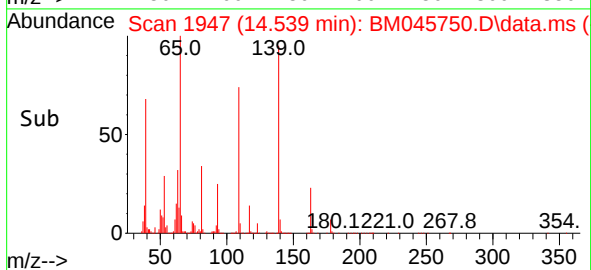
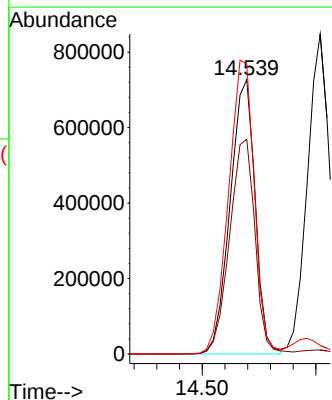
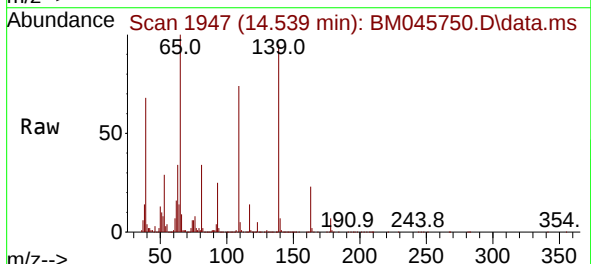
Instrument :
BNA_M
ClientSampleId :
PB161074BS

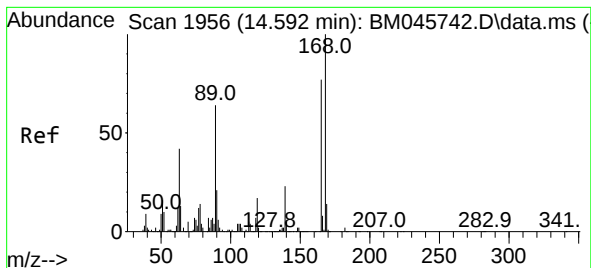
Tgt Ion:168 Resp: 3028704
Ion Ratio Lower Upper
168 100
139 39.2 31.5 47.3
169 13.2 10.9 16.3



#56
4-Nitrophenol
Concen: 100.818 ng
RT: 14.539 min Scan# 1947
Delta R.T. 0.000 min
Lab File: BM045750.D
Acq: 23 May 2024 12:40

Tgt Ion:139 Resp: 1111082
Ion Ratio Lower Upper
139 100
109 78.3 59.6 99.6
65 105.6 87.1 127.1

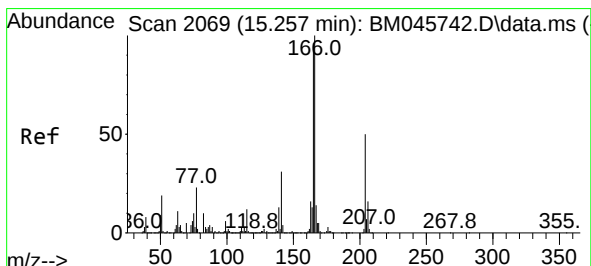
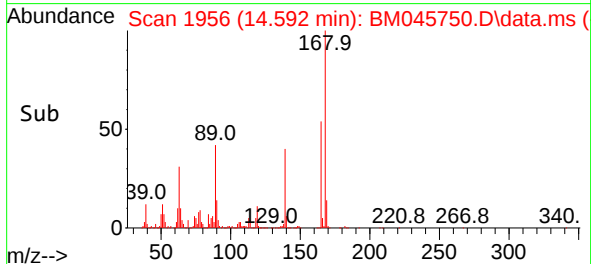
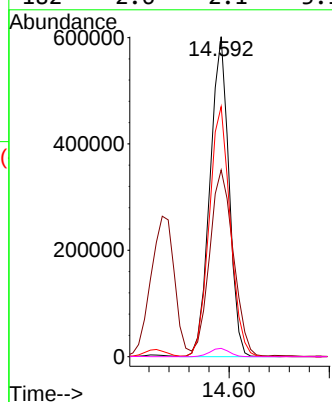
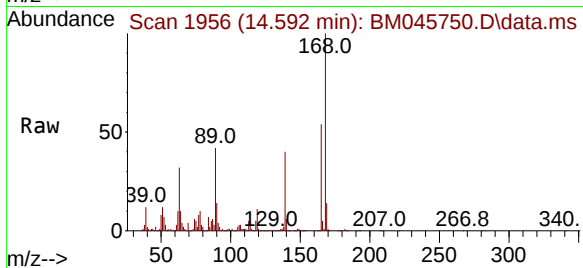




#57
2,4-Dinitrotoluene
Concen: 46.780 ng
RT: 14.592 min Scan# 1956
Delta R.T. 0.000 min
Lab File: BM045750.D
Acq: 23 May 2024 12:40

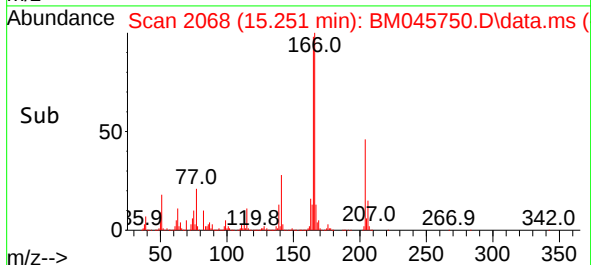
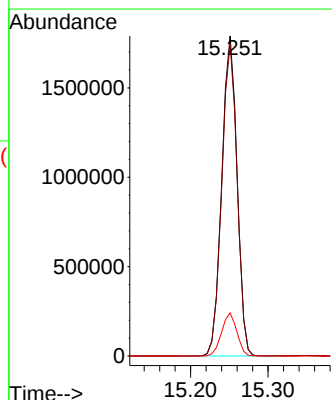
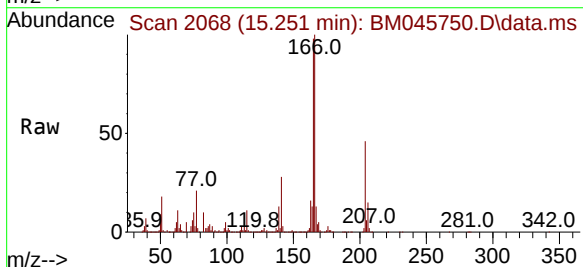
Instrument :
BNA_M
ClientSampleId :
PB161074BS

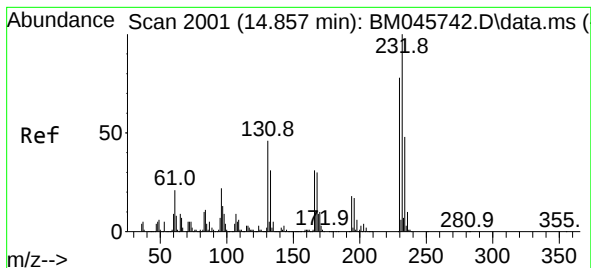
Tgt Ion:165 Resp: 789524
Ion Ratio Lower Upper
165 100
63 58.3 48.7 73.1
89 78.1 66.2 99.4
182 2.6 2.1 3.1



#58
Fluorene
Concen: 43.386 ng
RT: 15.251 min Scan# 2068
Delta R.T. -0.006 min
Lab File: BM045750.D
Acq: 23 May 2024 12:40

Tgt Ion:166 Resp: 2453804
Ion Ratio Lower Upper
166 100
165 97.6 77.0 115.4
167 13.5 10.9 16.3

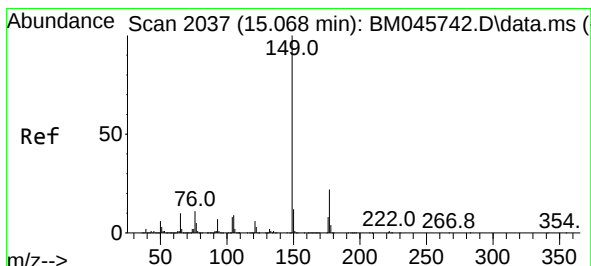
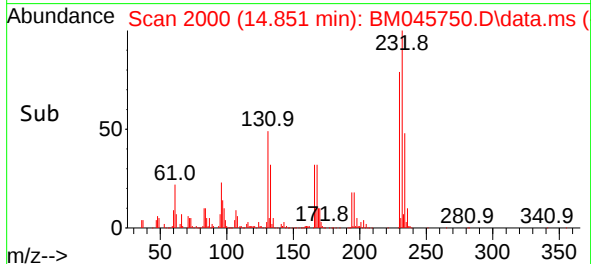
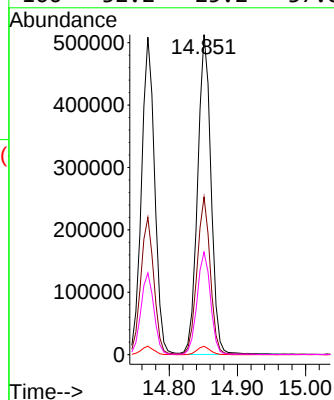
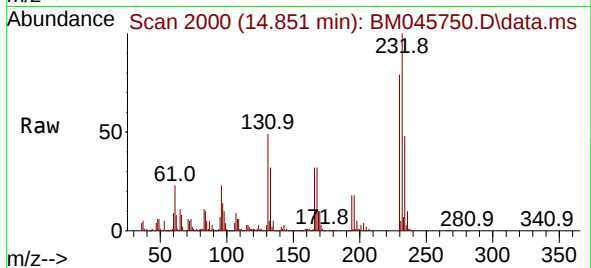




#59
2,3,4,6-Tetrachlorophenol
Concen: 49.526 ng
RT: 14.851 min Scan# 20
Delta R.T. -0.006 min
Lab File: BM045750.D
Acq: 23 May 2024 12:40

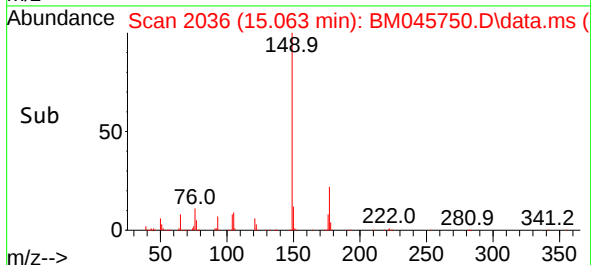
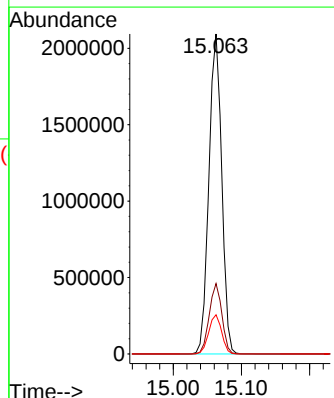
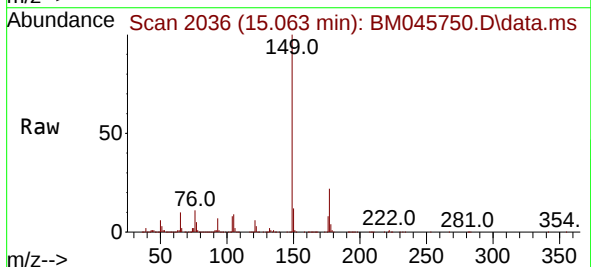
Instrument :
BNA_M
ClientSampleId :
PB161074BS

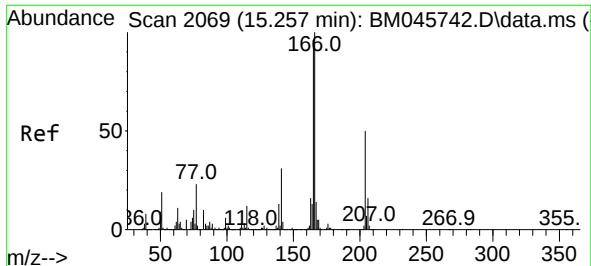
Tgt Ion:232 Resp: 697860
Ion Ratio Lower Upper
232 100
131 48.8 38.9 58.3
130 2.6 2.0 3.0
166 32.2 25.2 37.8



#60
Diethylphthalate
Concen: 44.263 ng
RT: 15.063 min Scan# 2036
Delta R.T. -0.006 min
Lab File: BM045750.D
Acq: 23 May 2024 12:40

Tgt Ion:149 Resp: 2738763
Ion Ratio Lower Upper
149 100
177 22.0 17.5 26.3
150 12.3 9.7 14.5

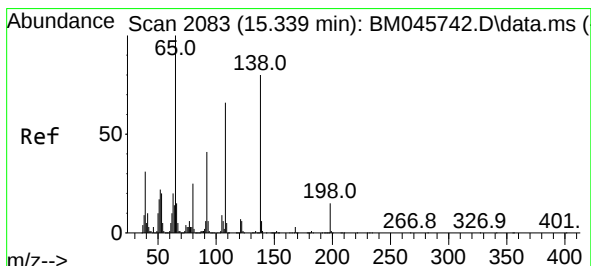
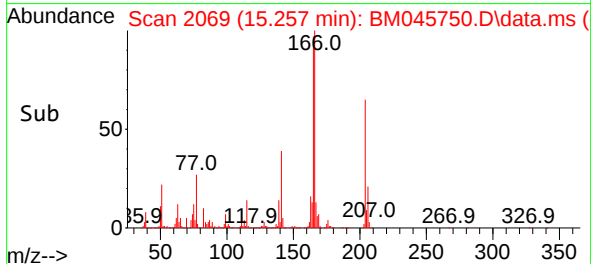
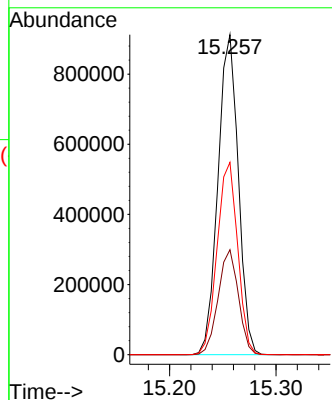
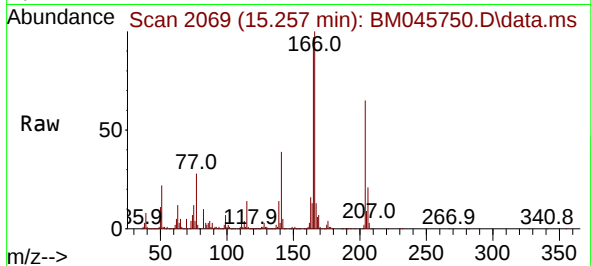




#61
4-Chlorophenyl-phenylether
Concen: 43.678 ng
RT: 15.257 min Scan# 2069
Delta R.T. 0.000 min
Lab File: BM045750.D
Acq: 23 May 2024 12:40

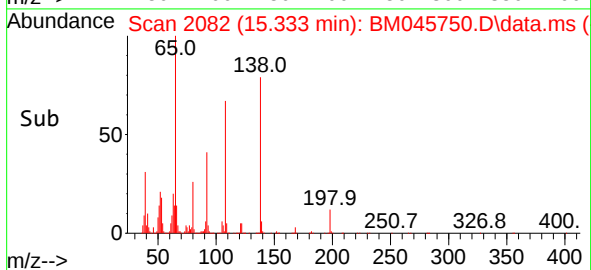
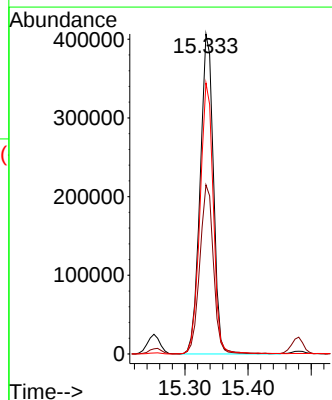
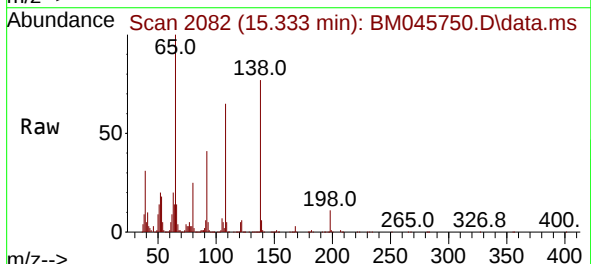
Instrument :
BNA_M
ClientSampleId :
PB161074BS

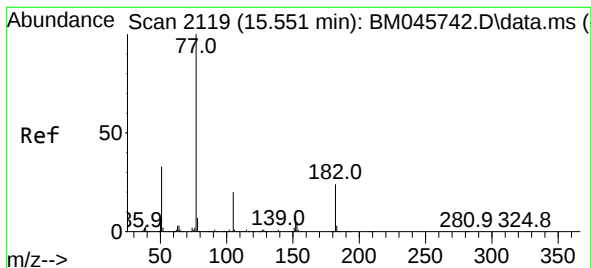
Tgt Ion:204 Resp: 1208920
Ion Ratio Lower Upper
204 100
206 32.8 25.9 38.9
141 60.1 49.8 74.6



#62
4-Nitroaniline
Concen: 46.266 ng
RT: 15.333 min Scan# 2082
Delta R.T. -0.006 min
Lab File: BM045750.D
Acq: 23 May 2024 12:40

Tgt Ion:138 Resp: 595723
Ion Ratio Lower Upper
138 100
92 52.9 32.0 72.0
108 84.7 62.6 102.6





#63

Azobenzene

Concen: 44.089 ng

RT: 15.545 min Scan# 2119

Delta R.T. -0.006 min

Lab File: BM045750.D

Acq: 23 May 2024 12:40

Instrument :

BNA_M

ClientSampleId :

PB161074BS

Tgt Ion: 77 Resp: 2643379

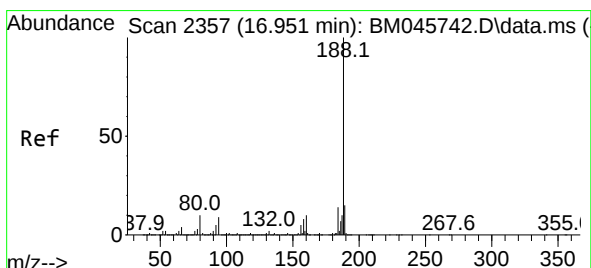
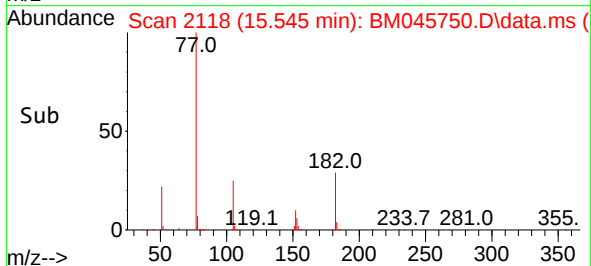
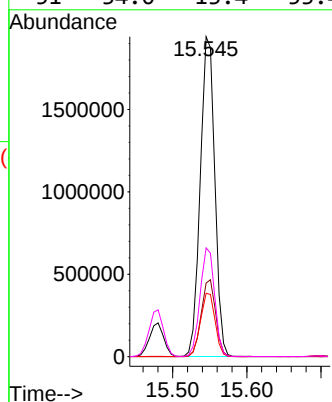
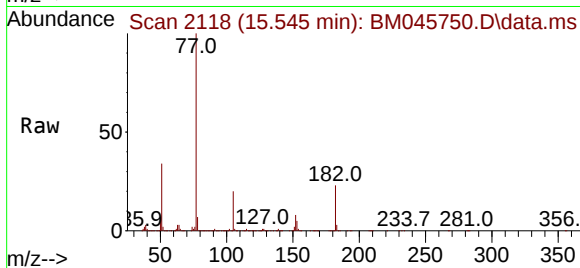
Ion Ratio Lower Upper

77 100

182 23.0 3.8 43.8

105 19.8 0.0 39.8

51 34.0 13.4 53.4



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.945 min Scan# 2356

Delta R.T. -0.006 min

Lab File: BM045750.D

Acq: 23 May 2024 12:40

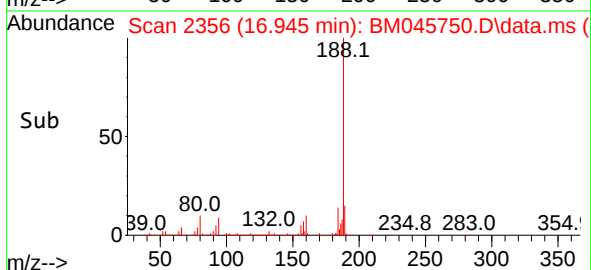
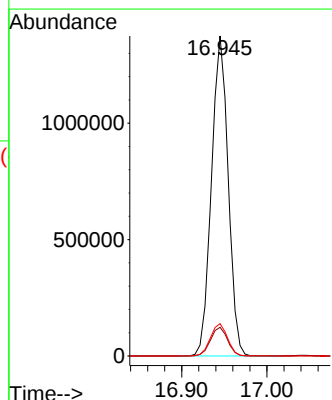
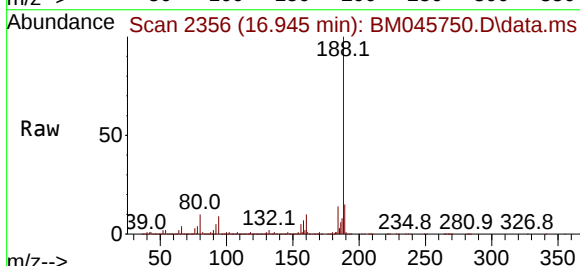
Tgt Ion:188 Resp: 1870554

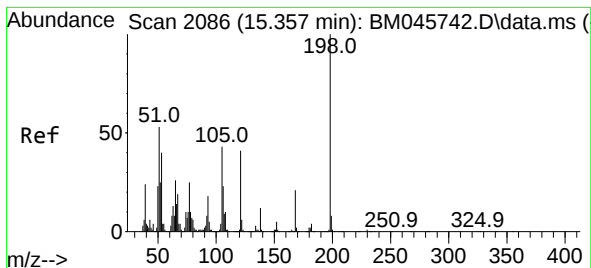
Ion Ratio Lower Upper

188 100

94 9.0 7.0 10.4

80 10.1 7.8 11.6

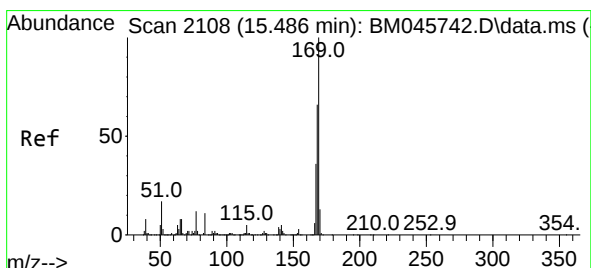
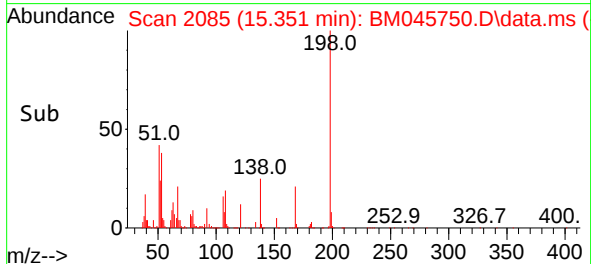
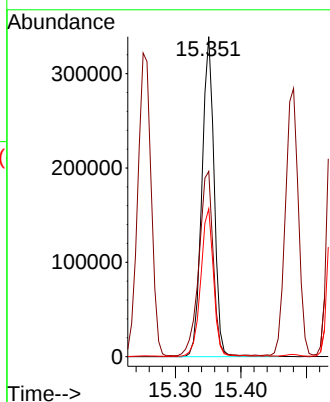
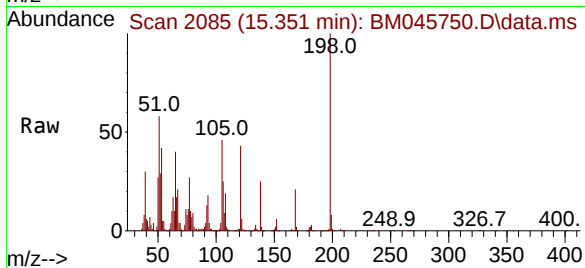




#65
4,6-Dinitro-2-methylphenol
Concen: 47.137 ng
RT: 15.351 min Scan# 2086
Delta R.T. -0.006 min
Lab File: BM045750.D
Acq: 23 May 2024 12:40

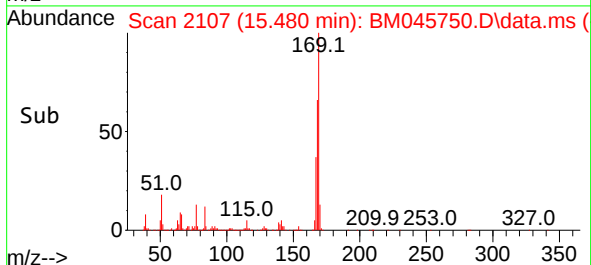
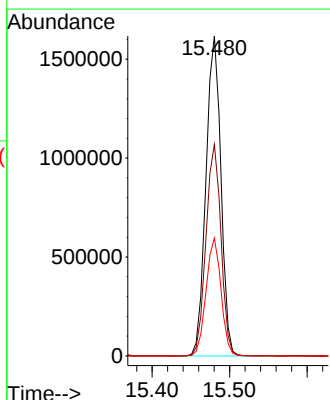
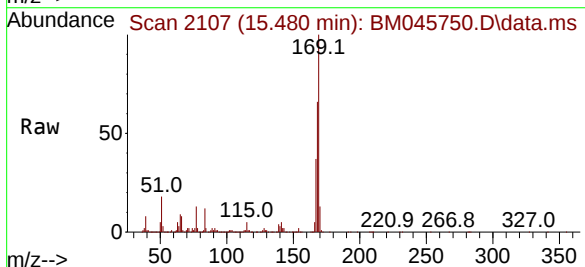
Instrument :
BNA_M
ClientSampleId :
PB161074BS

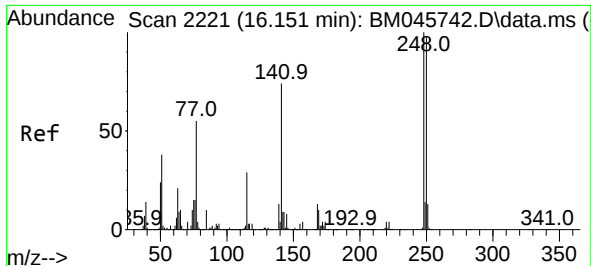
Tgt Ion:198 Resp: 440703
Ion Ratio Lower Upper
198 100
51 57.9 33.3 73.3
105 46.2 23.4 63.4



#66
n-Nitrosodiphenylamine
Concen: 45.228 ng
RT: 15.480 min Scan# 2107
Delta R.T. -0.006 min
Lab File: BM045750.D
Acq: 23 May 2024 12:40

Tgt Ion:169 Resp: 2165879
Ion Ratio Lower Upper
169 100
168 66.1 53.2 79.8
167 36.8 29.0 43.4

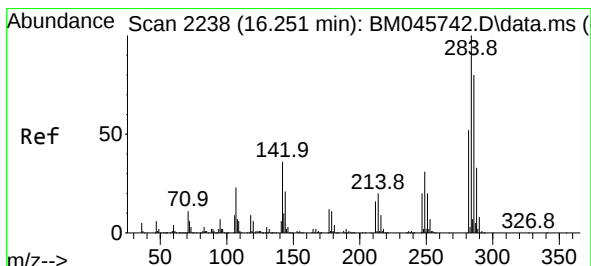
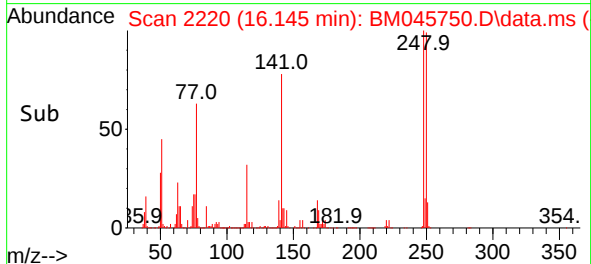
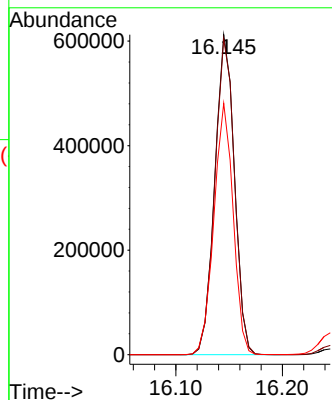
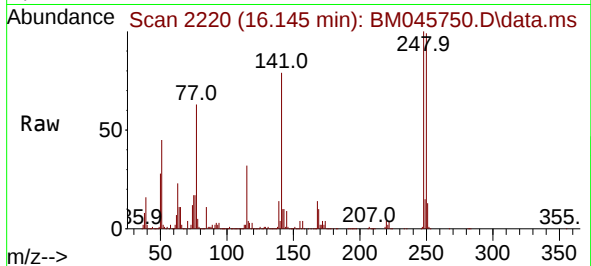




#67
4-Bromophenyl-phenylether
Concen: 44.045 ng
RT: 16.145 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM045750.D
Acq: 23 May 2024 12:40

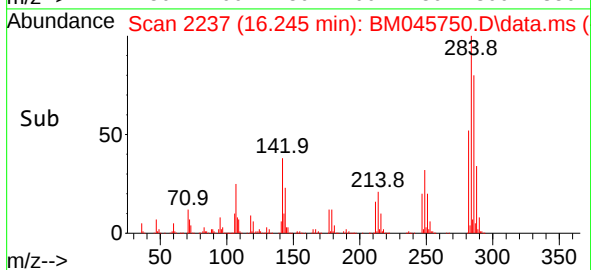
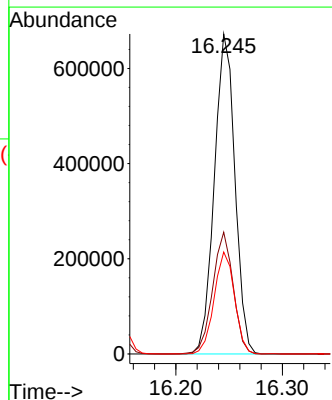
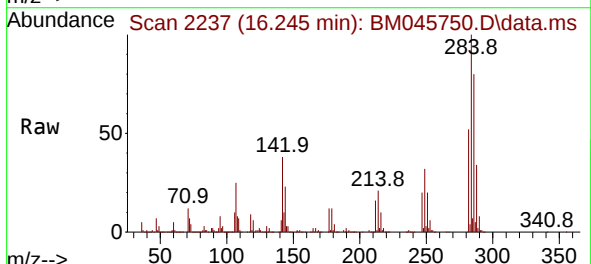
Instrument :
BNA_M
ClientSampleId :
PB161074BS

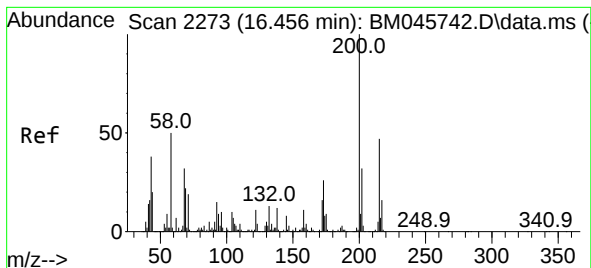
Tgt Ion:248 Resp: 782783
Ion Ratio Lower Upper
248 100
250 98.7 78.1 117.1
141 78.6 59.2 88.8



#68
Hexachlorobenzene
Concen: 42.596 ng
RT: 16.245 min Scan# 2237
Delta R.T. -0.006 min
Lab File: BM045750.D
Acq: 23 May 2024 12:40

Tgt Ion:284 Resp: 901791
Ion Ratio Lower Upper
284 100
142 38.1 28.4 42.6
249 31.8 24.9 37.3





#69

Atrazine

Concen: 56.472 ng

RT: 16.451 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM045750.D

Acq: 23 May 2024 12:40

Instrument :

BNA_M

ClientSampleId :

PB161074BS

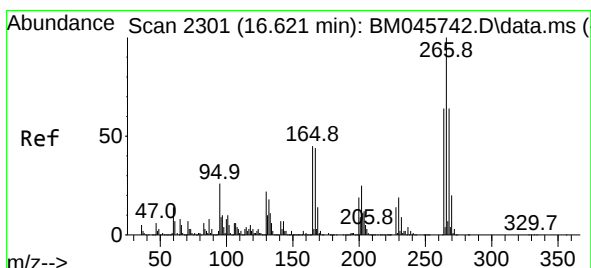
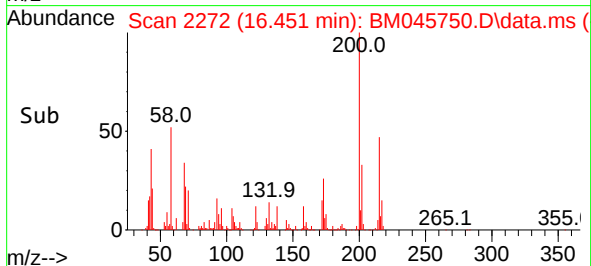
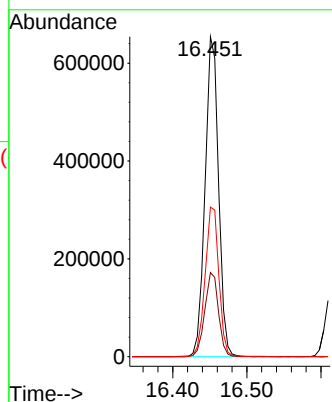
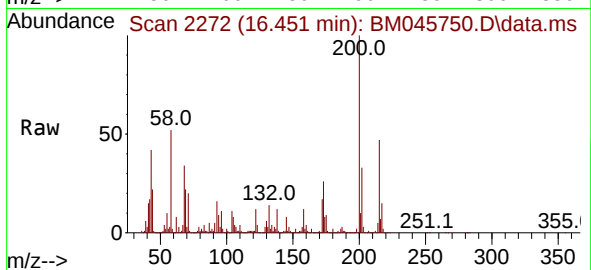
Tgt Ion:200 Resp: 825791

Ion Ratio Lower Upper

200 100

173 26.3 6.2 46.2

215 46.8 26.6 66.6



#70

Pentachlorophenol

Concen: 91.035 ng

RT: 16.615 min Scan# 2300

Delta R.T. -0.006 min

Lab File: BM045750.D

Acq: 23 May 2024 12:40

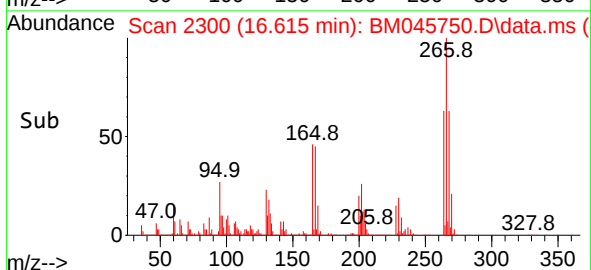
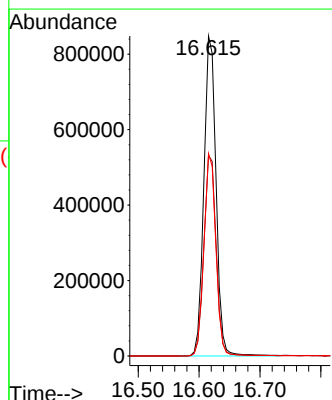
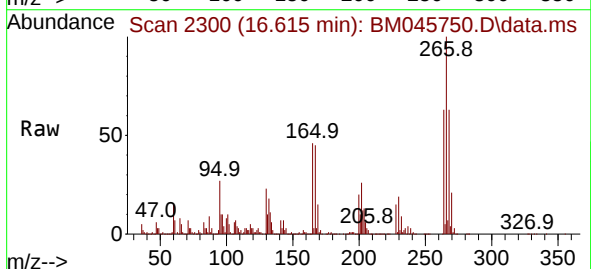
Tgt Ion:266 Resp: 1175722

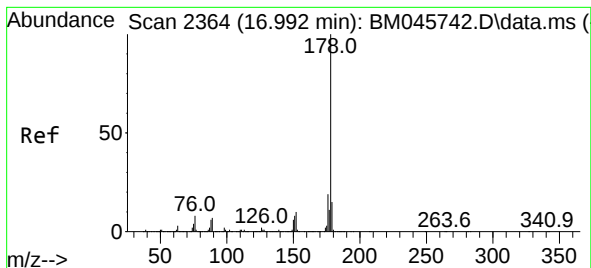
Ion Ratio Lower Upper

266 100

268 62.6 51.0 76.4

264 63.3 50.9 76.3





#71

Phenanthrene

Concen: 44.629 ng

RT: 16.986 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM045750.D

Acq: 23 May 2024 12:40

Instrument :

BNA_M

ClientSampleId :

PB161074BS

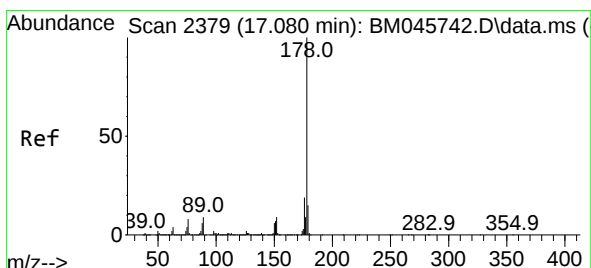
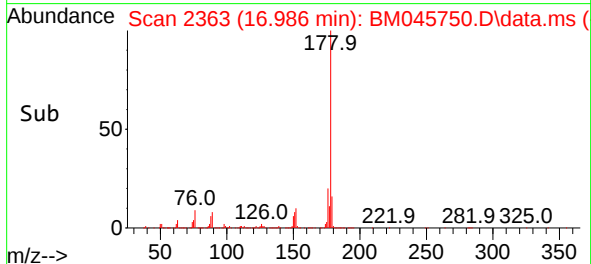
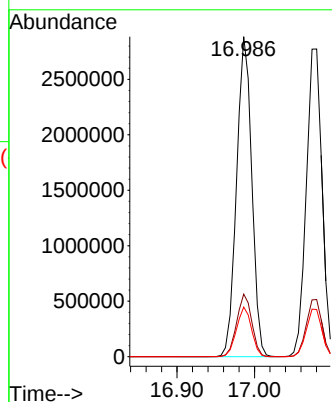
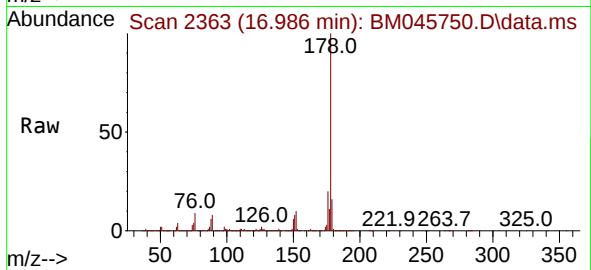
Tgt Ion:178 Resp: 3940258

Ion Ratio Lower Upper

178 100

176 19.5 15.4 23.2

179 15.5 12.2 18.2



#72

Anthracene

Concen: 45.227 ng

RT: 17.080 min Scan# 2379

Delta R.T. 0.000 min

Lab File: BM045750.D

Acq: 23 May 2024 12:40

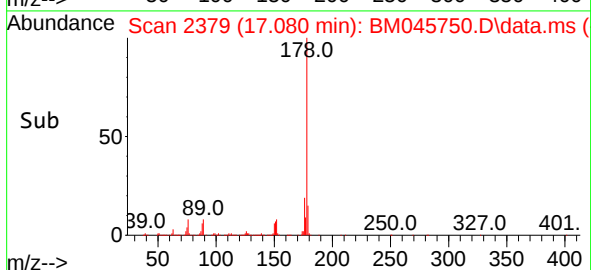
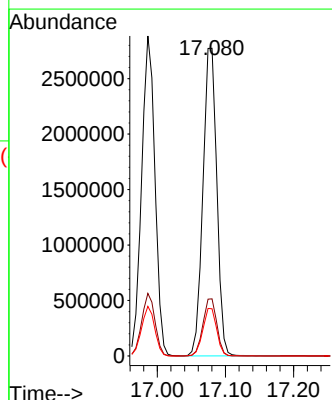
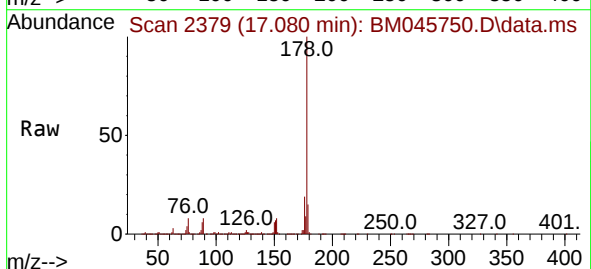
Tgt Ion:178 Resp: 3925767

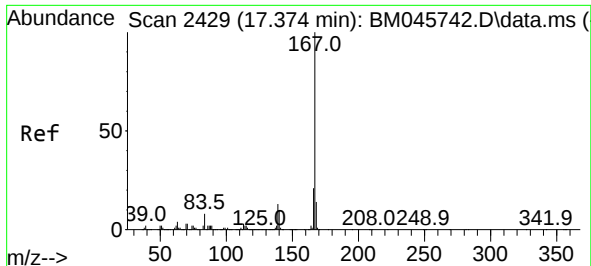
Ion Ratio Lower Upper

178 100

176 18.6 15.0 22.4

179 15.3 12.3 18.5

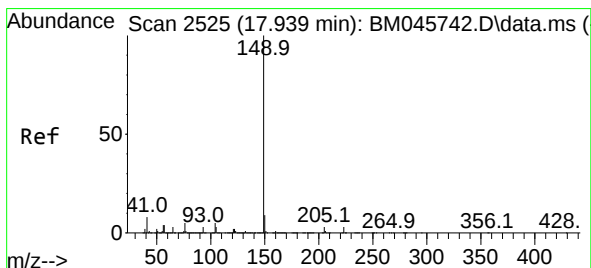
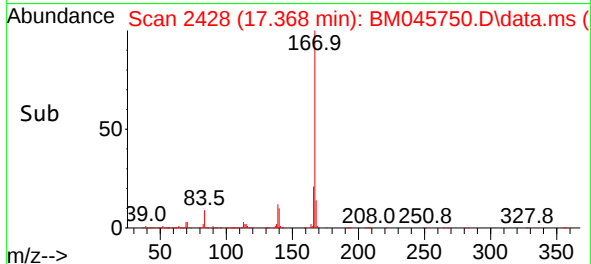
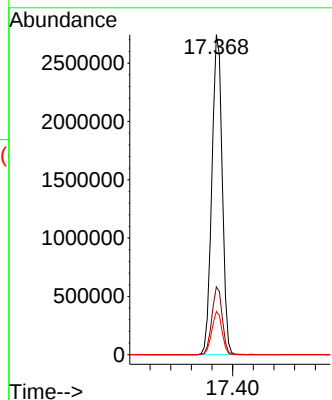
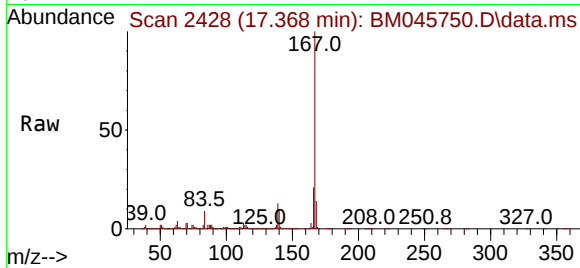




#73
 Carbazole
 Concen: 43.883 ng
 RT: 17.368 min Scan# 24
 Delta R.T. -0.006 min
 Lab File: BM045750.D
 Acq: 23 May 2024 12:40

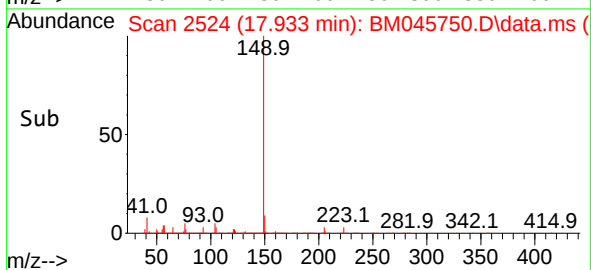
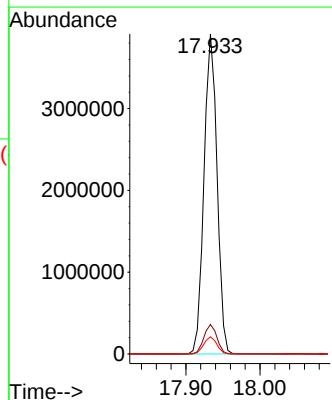
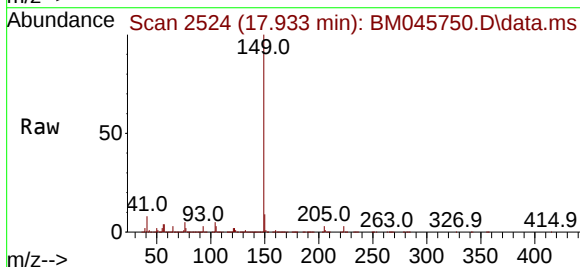
Instrument :
 BNA_M
 ClientSampleId :
 PB161074BS

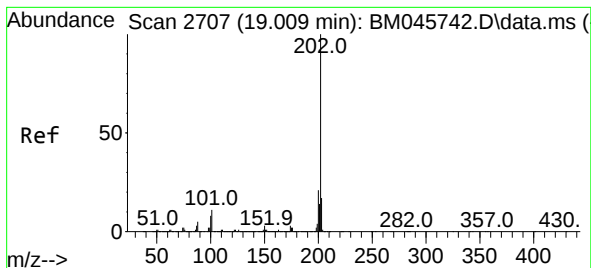
Tgt Ion:167 Resp: 3811551
 Ion Ratio Lower Upper
 167 100
 166 21.2 16.8 25.2
 139 13.4 10.5 15.7



#74
 Di-n-butylphthalate
 Concen: 44.284 ng
 RT: 17.933 min Scan# 2524
 Delta R.T. -0.006 min
 Lab File: BM045750.D
 Acq: 23 May 2024 12:40

Tgt Ion:149 Resp: 4776267
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.3 10.9
 104 5.4 4.2 6.2





#75

Fluoranthene

Concen: 42.573 ng

RT: 19.004 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM045750.D

Acq: 23 May 2024 12:40

Instrument :

BNA_M

ClientSampleId :

PB161074BS

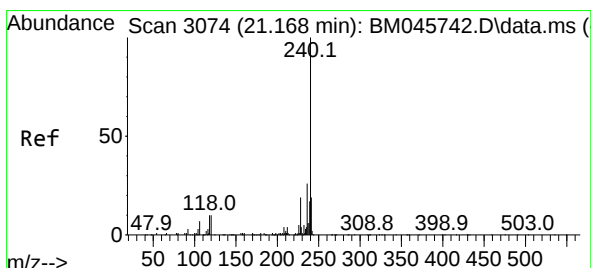
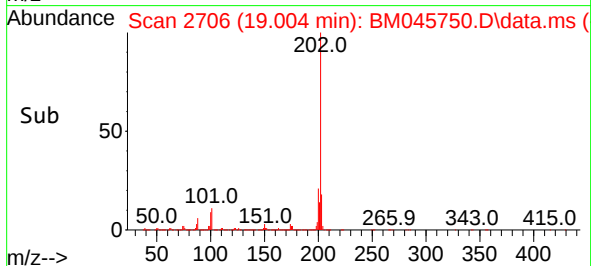
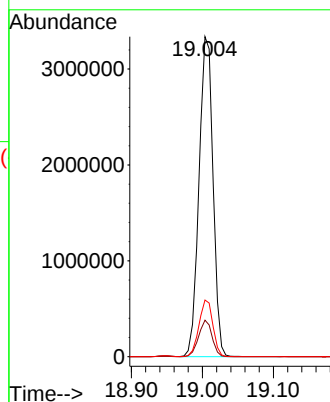
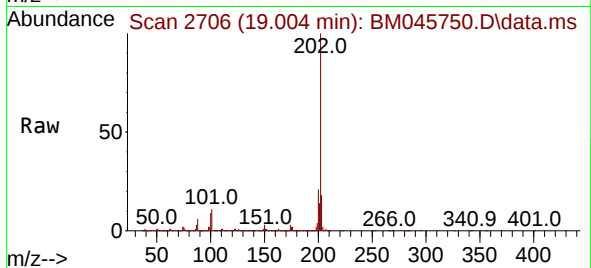
Tgt Ion:202 Resp: 4583115

Ion Ratio Lower Upper

202 100

101 11.4 0.0 30.8

203 17.7 0.0 37.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.162 min Scan# 3073

Delta R.T. -0.006 min

Lab File: BM045750.D

Acq: 23 May 2024 12:40

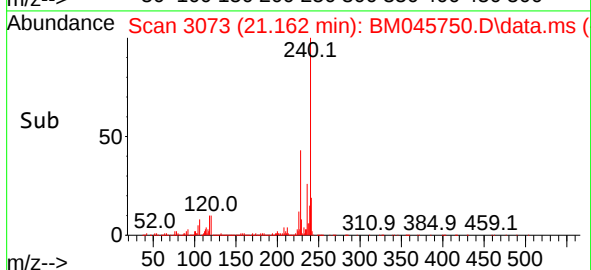
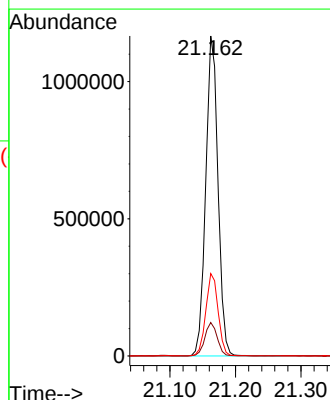
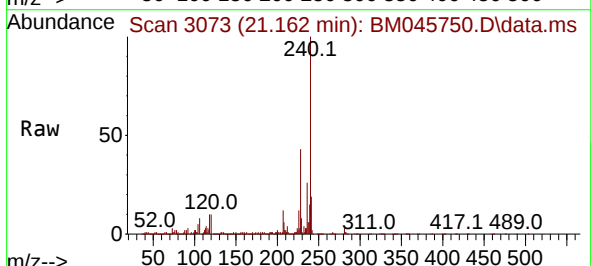
Tgt Ion:240 Resp: 1518840

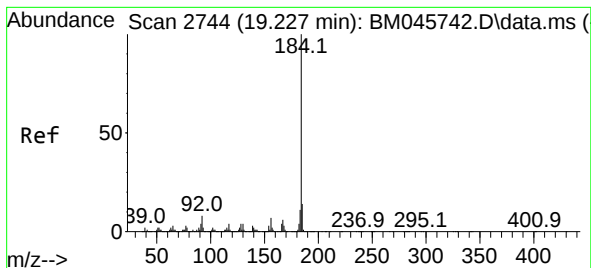
Ion Ratio Lower Upper

240 100

120 10.5 8.3 12.5

236 25.7 20.7 31.1





#77

Benzidine

Concen: 49.248 ng

RT: 19.221 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM045750.D

Acq: 23 May 2024 12:40

Instrument :

BNA_M

ClientSampleId :

PB161074BS

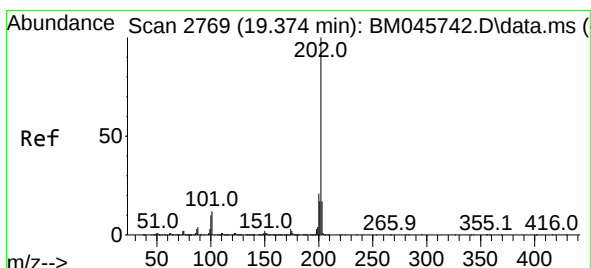
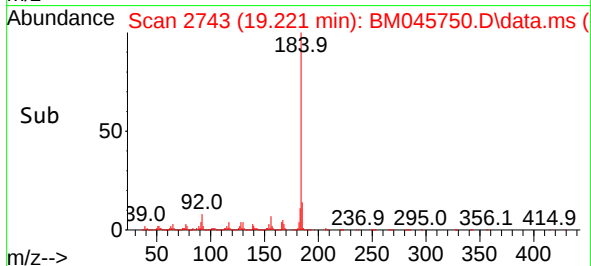
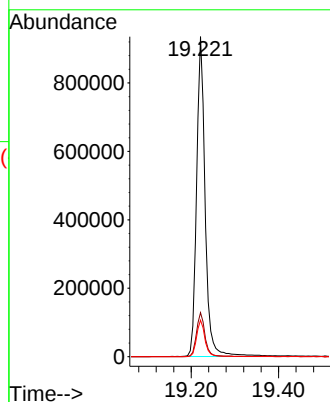
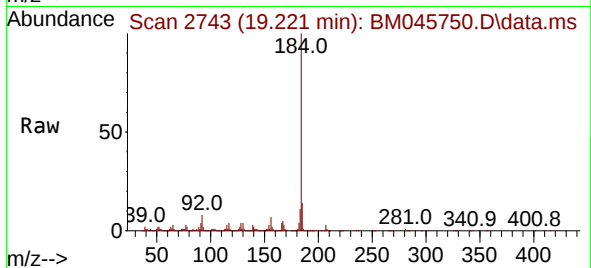
Tgt Ion:184 Resp: 1277296

Ion Ratio Lower Upper

184 100

185 13.8 11.1 16.7

183 11.4 9.0 13.6



#78

Pyrene

Concen: 44.268 ng

RT: 19.368 min Scan# 2768

Delta R.T. -0.006 min

Lab File: BM045750.D

Acq: 23 May 2024 12:40

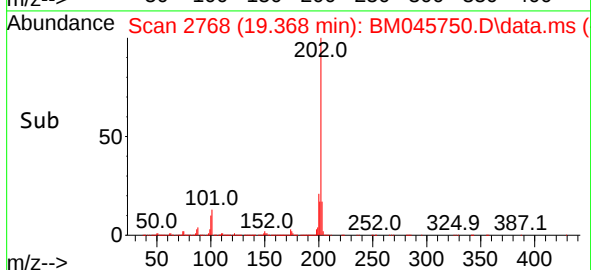
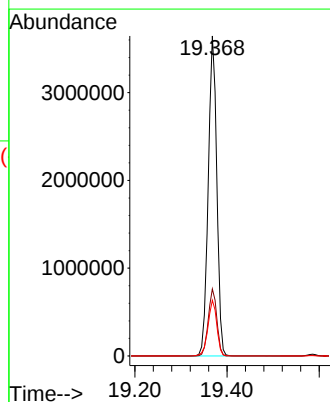
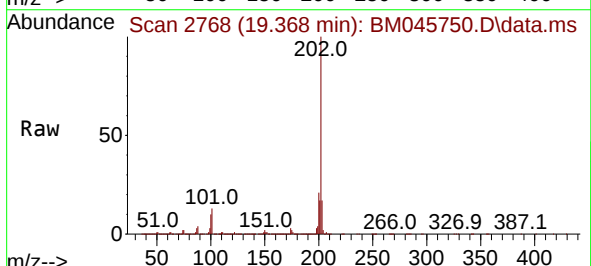
Tgt Ion:202 Resp: 4742953

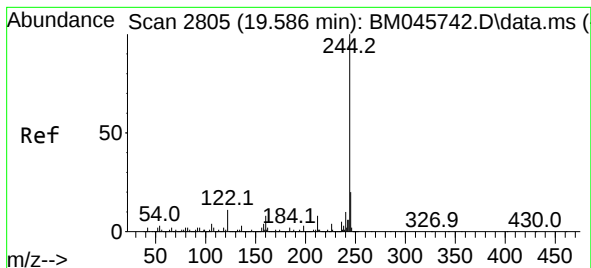
Ion Ratio Lower Upper

202 100

200 21.0 16.9 25.3

203 17.4 13.9 20.9





#79

Terphenyl-d14

Concen: 85.386 ng

RT: 19.586 min Scan# 2805

Delta R.T. 0.000 min

Lab File: BM045750.D

Acq: 23 May 2024 12:40

Instrument :

BNA_M

ClientSampleId :

PB161074BS

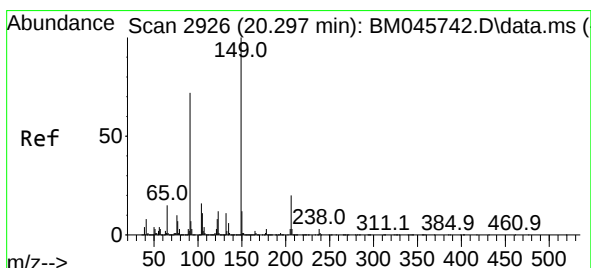
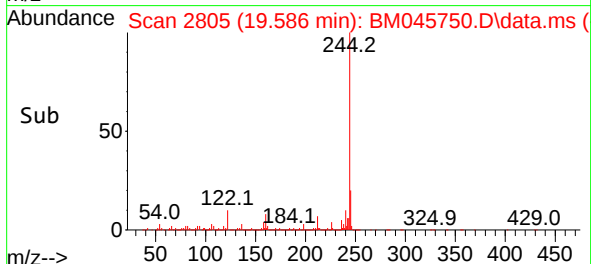
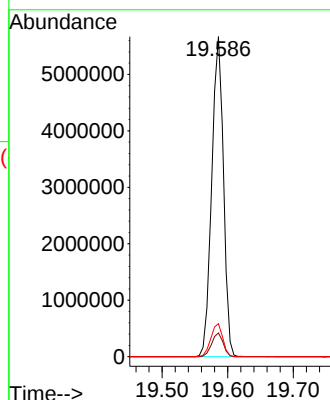
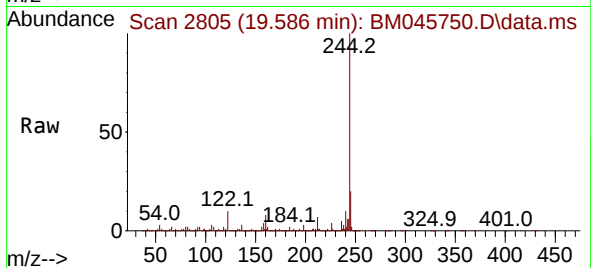
Tgt Ion:244 Resp: 7046183

Ion Ratio Lower Upper

244 100

212 7.4 6.0 9.0

122 10.3 8.6 12.8



#80

Butylbenzylphthalate

Concen: 46.175 ng

RT: 20.298 min Scan# 2926

Delta R.T. 0.000 min

Lab File: BM045750.D

Acq: 23 May 2024 12:40

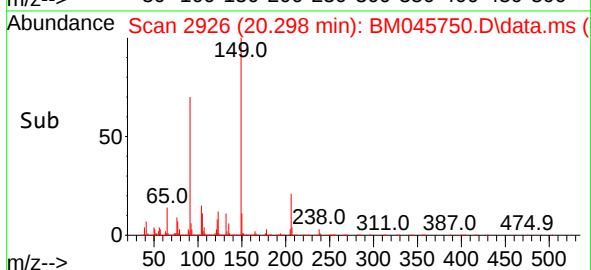
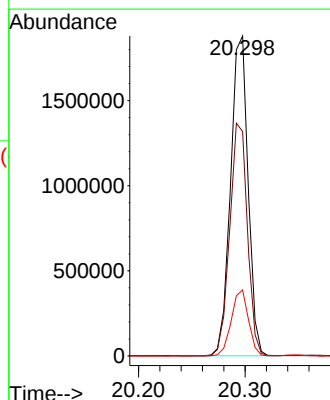
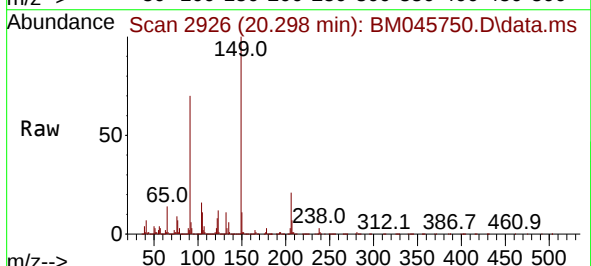
Tgt Ion:149 Resp: 2142946

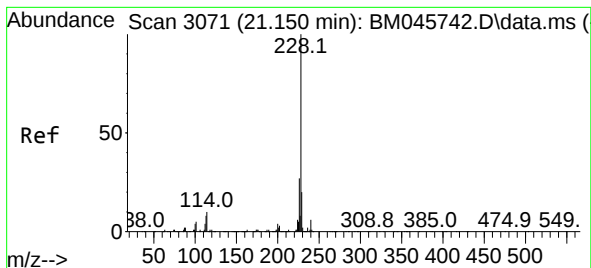
Ion Ratio Lower Upper

149 100

91 70.2 57.3 85.9

206 20.6 16.2 24.2





#81

Benzo(a)anthracene

Concen: 44.653 ng

RT: 21.145 min Scan# 3071

Delta R.T. -0.006 min

Lab File: BM045750.D

Acq: 23 May 2024 12:40

Instrument :

BNA_M

ClientSampleId :

PB161074BS

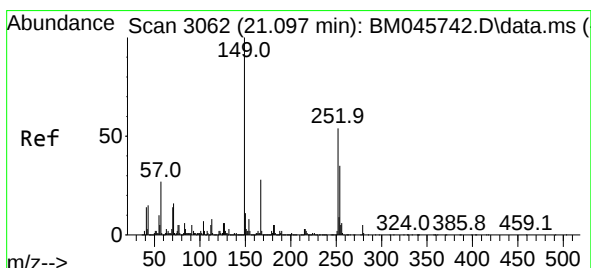
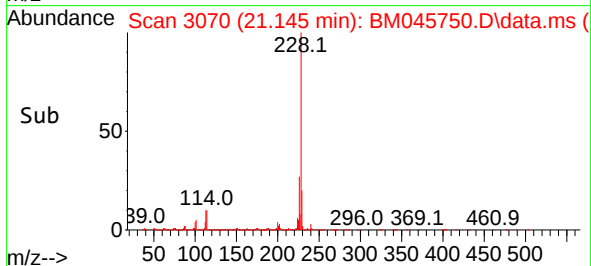
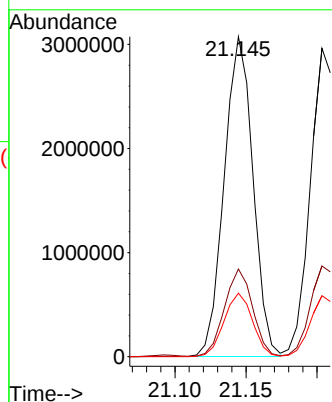
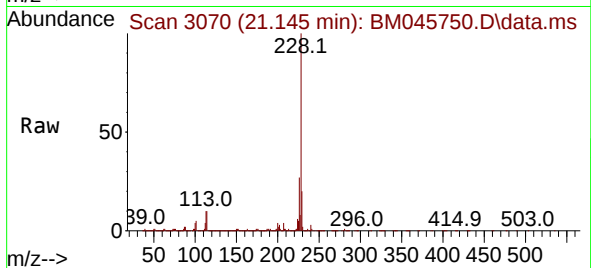
Tgt Ion:228 Resp: 4319699

Ion Ratio Lower Upper

228 100

226 27.4 21.6 32.4

229 19.8 15.7 23.5



#82

3,3'-Dichlorobenzidine

Concen: 38.599 ng

RT: 21.092 min Scan# 3061

Delta R.T. -0.006 min

Lab File: BM045750.D

Acq: 23 May 2024 12:40

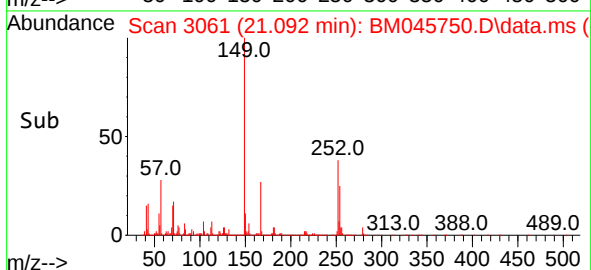
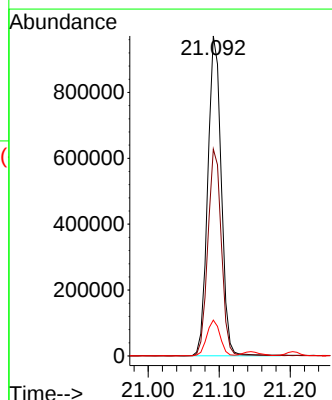
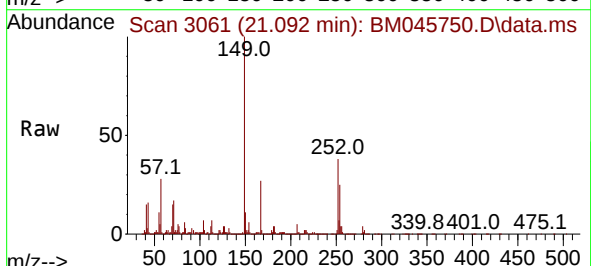
Tgt Ion:252 Resp: 1279648

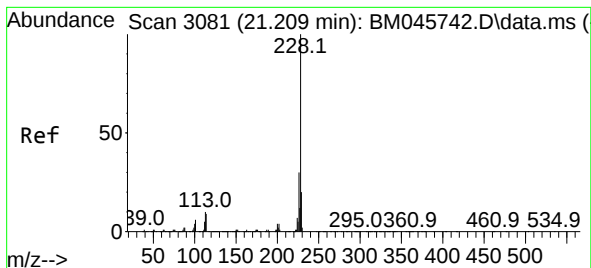
Ion Ratio Lower Upper

252 100

254 64.7 51.4 77.2

126 11.2 8.7 13.1





#83

Chrysene

Concen: 43.336 ng

RT: 21.203 min Scan# 3081

Delta R.T. -0.006 min

Lab File: BM045750.D

Acq: 23 May 2024 12:40

Instrument :

BNA_M

ClientSampleId :

PB161074BS

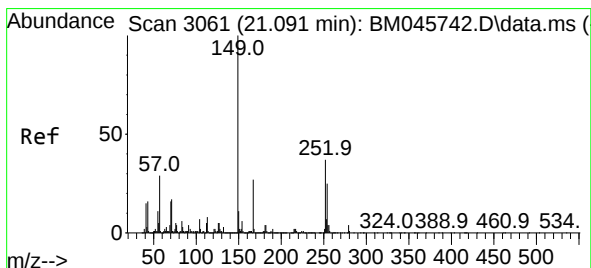
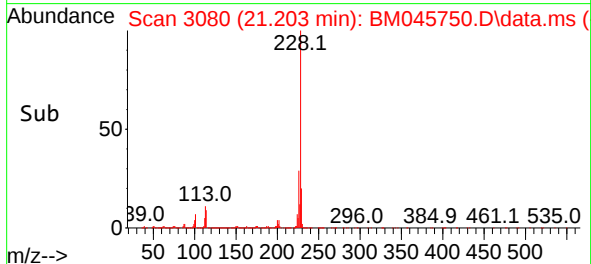
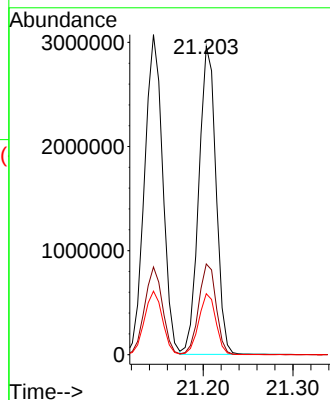
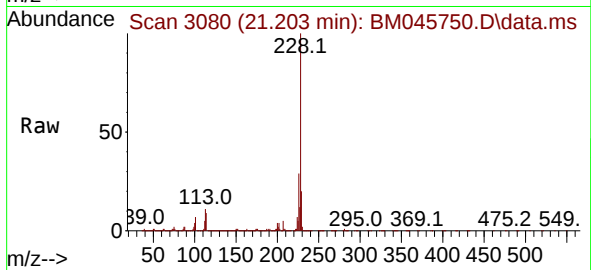
Tgt Ion:228 Resp: 3932256

Ion Ratio Lower Upper

228 100

226 29.4 23.8 35.8

229 19.8 15.8 23.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.416 ng

RT: 21.092 min Scan# 3061

Delta R.T. 0.000 min

Lab File: BM045750.D

Acq: 23 May 2024 12:40

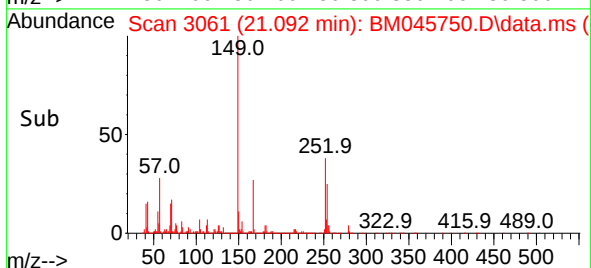
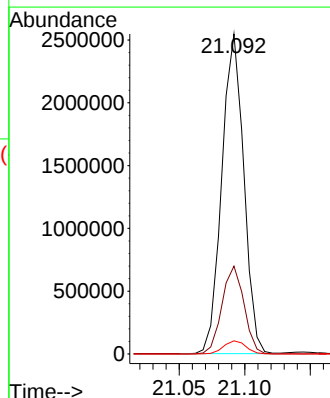
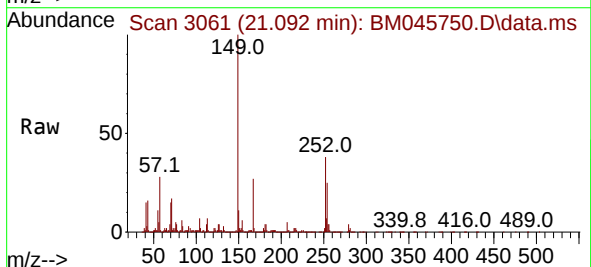
Tgt Ion:149 Resp: 2959642

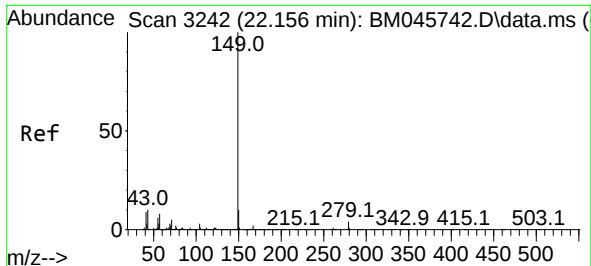
Ion Ratio Lower Upper

149 100

167 27.4 21.8 32.8

279 4.1 3.3 4.9

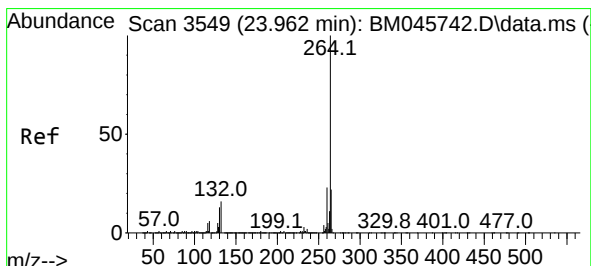
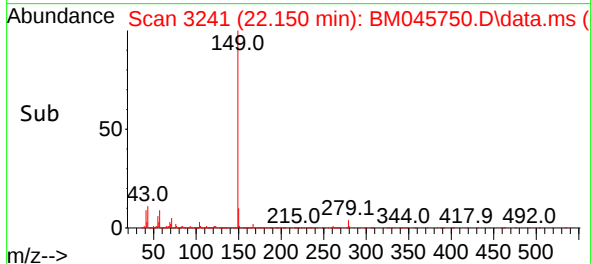
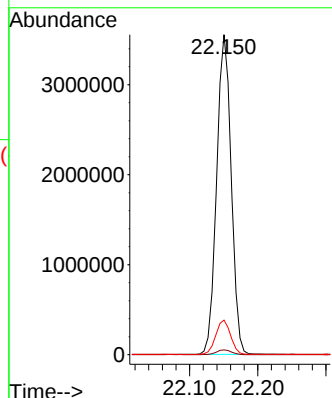
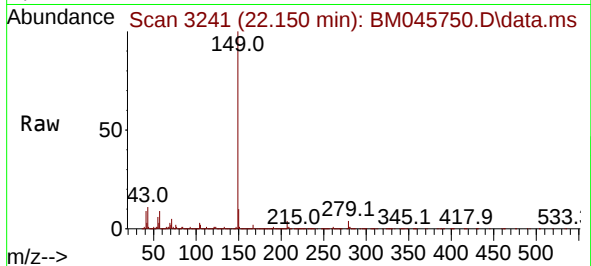




#85
Di-n-octyl phthalate
Concen: 46.417 ng
RT: 22.150 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM045750.D
Acq: 23 May 2024 12:40

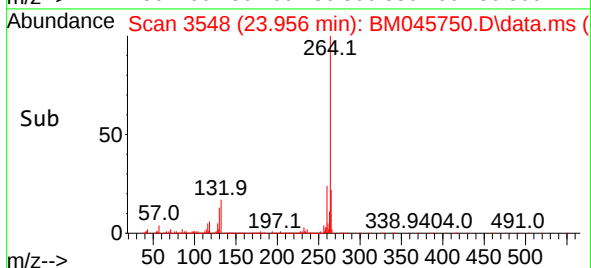
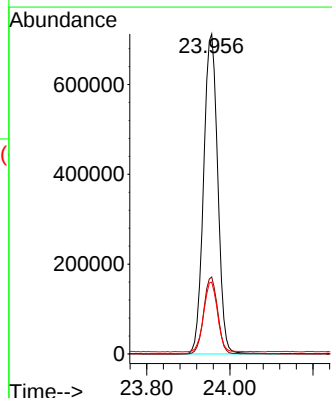
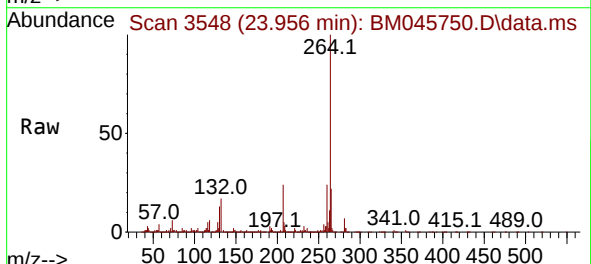
Instrument :
BNA_M
ClientSampleId :
PB161074BS

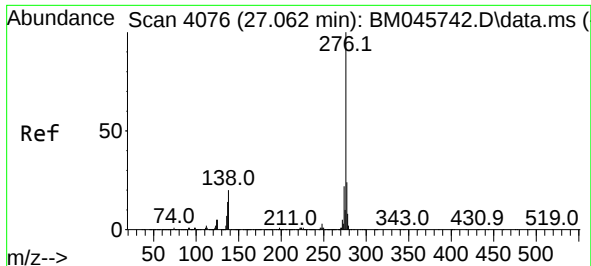
Tgt Ion:149 Resp: 5275235
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 10.9 8.8 13.2



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.956 min Scan# 3548
Delta R.T. -0.006 min
Lab File: BM045750.D
Acq: 23 May 2024 12:40

Tgt Ion:264 Resp: 1684126
Ion Ratio Lower Upper
264 100
260 24.1 18.7 28.1
265 22.5 17.8 26.8

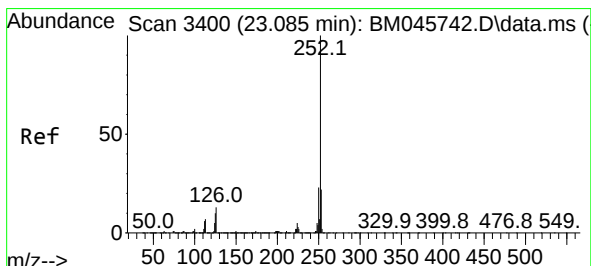
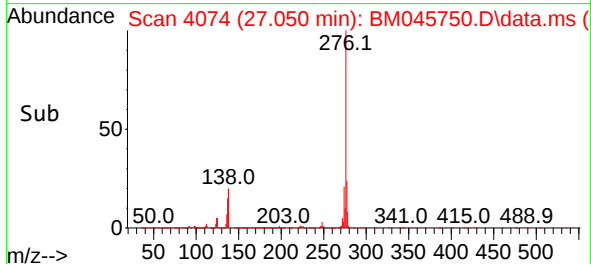
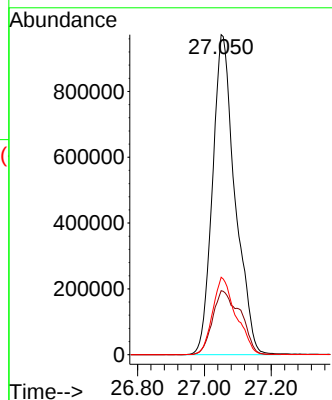
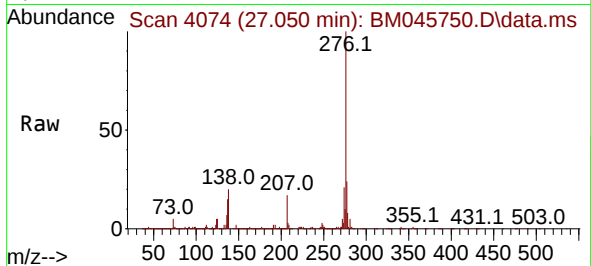




#87
Indeno(1,2,3-cd)pyrene
Concen: 47.024 ng
RT: 27.050 min Scan# 4076
Delta R.T. -0.012 min
Lab File: BM045750.D
Acq: 23 May 2024 12:40

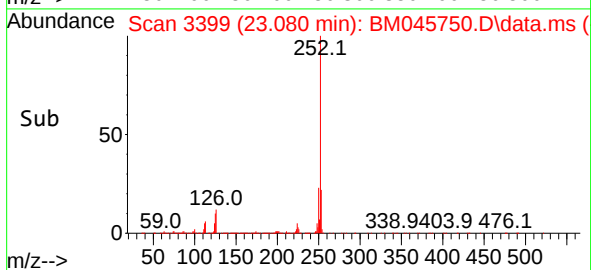
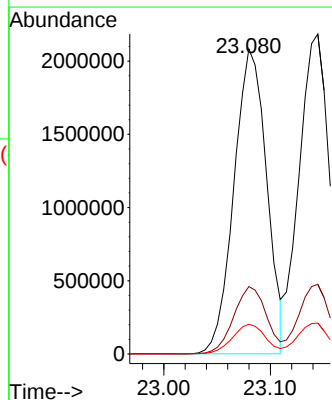
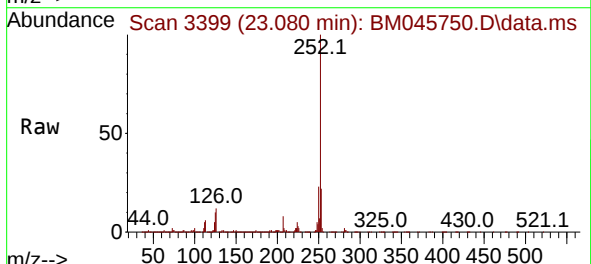
Instrument :
BNA_M
ClientSampleId :
PB161074BS

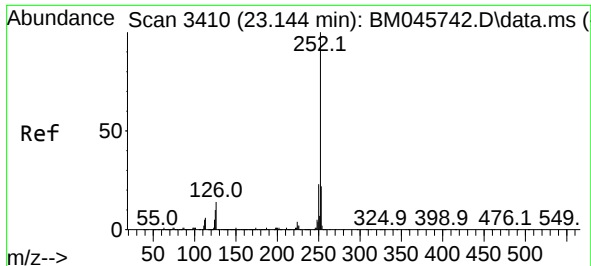
Tgt Ion:276 Resp: 4556761
Ion Ratio Lower Upper
276 100
138 24.6 19.8 29.6
277 25.1 20.2 30.2



#88
Benzo(b)fluoranthene
Concen: 46.515 ng
RT: 23.080 min Scan# 3399
Delta R.T. -0.006 min
Lab File: BM045750.D
Acq: 23 May 2024 12:40

Tgt Ion:252 Resp: 4442380
Ion Ratio Lower Upper
252 100
253 22.1 17.5 26.3
125 9.8 8.0 12.0

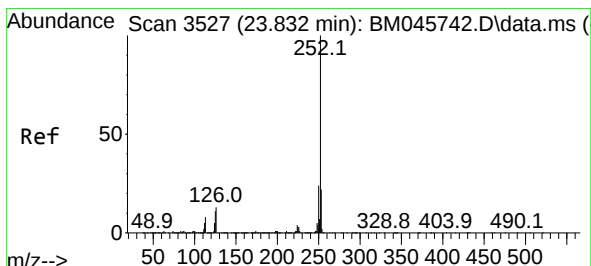
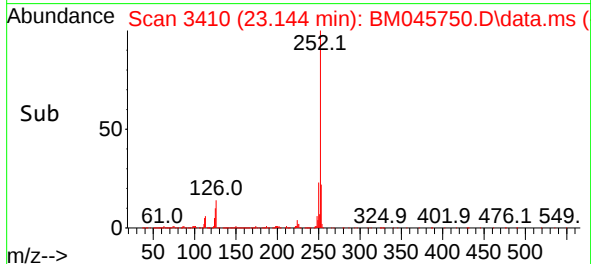
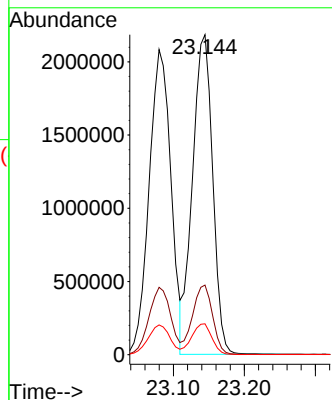
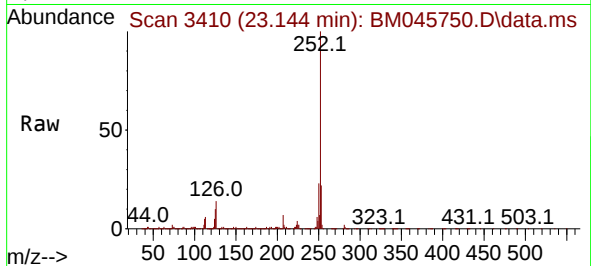




#89
Benzo(k)fluoranthene
Concen: 47.614 ng
RT: 23.144 min Scan# 3410
Delta R.T. 0.000 min
Lab File: BM045750.D
Acq: 23 May 2024 12:40

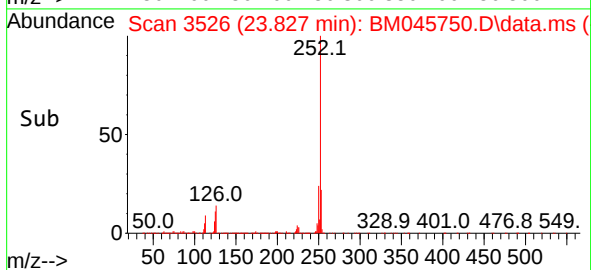
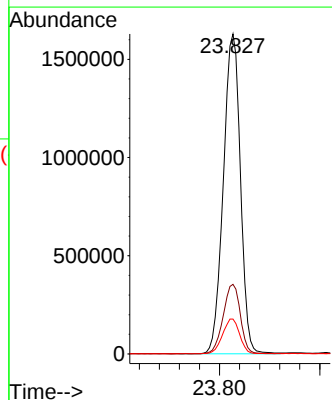
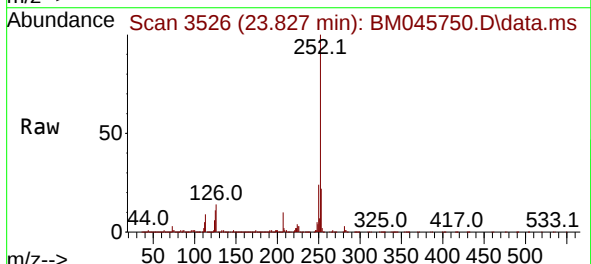
Instrument :
BNA_M
ClientSampleId :
PB161074BS

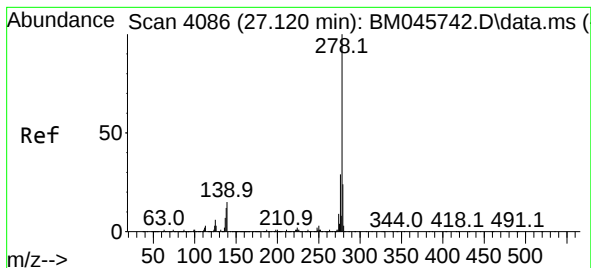
Tgt Ion:252 Resp: 4316218
Ion Ratio Lower Upper
252 100
253 21.7 17.7 26.5
125 9.6 8.1 12.1



#90
Benzo(a)pyrene
Concen: 46.298 ng
RT: 23.827 min Scan# 3526
Delta R.T. -0.006 min
Lab File: BM045750.D
Acq: 23 May 2024 12:40

Tgt Ion:252 Resp: 3842177
Ion Ratio Lower Upper
252 100
253 21.8 17.7 26.5
125 10.9 8.5 12.7





#91

Dibenzo(a,h)anthracene

Concen: 47.824 ng

RT: 27.109 min Scan# 4086

Delta R.T. -0.012 min

Lab File: BM045750.D

Acq: 23 May 2024 12:40

Instrument :

BNA_M

ClientSampleId :

PB161074BS

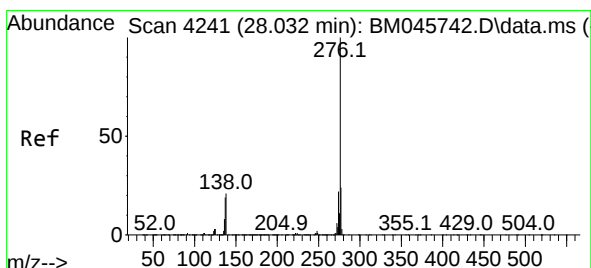
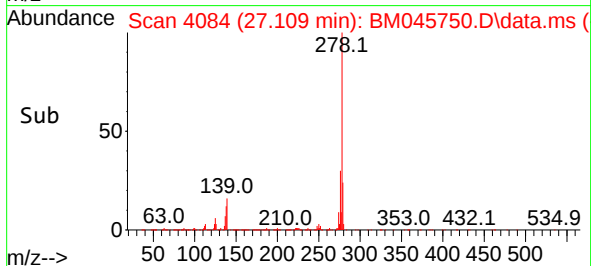
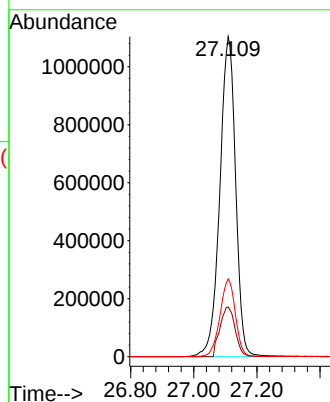
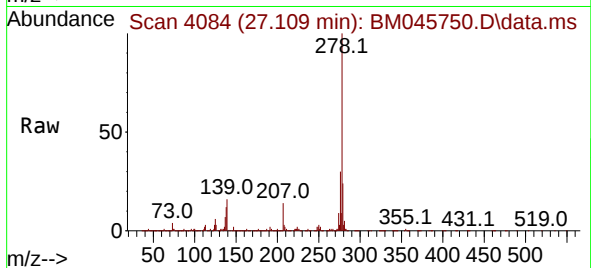
Tgt Ion:278 Resp: 3838993

Ion Ratio Lower Upper

278 100

139 15.5 12.2 18.4

279 24.3 19.0 28.4



#92

Benzo(g,h,i)perylene

Concen: 45.416 ng

RT: 28.027 min Scan# 4240

Delta R.T. -0.006 min

Lab File: BM045750.D

Acq: 23 May 2024 12:40

Tgt Ion:276 Resp: 3781784

Ion Ratio Lower Upper

276 100

277 23.8 19.0 28.4

138 21.5 16.7 25.1

