

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052324\
 Data File : BM045753.D
 Acq On : 23 May 2024 14:48
 Operator : MA/JU
 Sample : PB160904BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB160904BS

Quant Time: May 24 02:53:14 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	329592	20.000	ng	0.00
21) Naphthalene-d8	10.333	136	1458310	20.000	ng	0.00
39) Acenaphthene-d10	14.198	164	904037	20.000	ng	0.00
64) Phenanthrene-d10	16.945	188	1948022	20.000	ng	0.00
76) Chrysene-d12	21.162	240	1579335	20.000	ng	0.00
86) Perylene-d12	23.950	264	1761851	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.251	112	1839347	99.497	ng	0.00
7) Phenol-d6	6.840	99	2359390	95.065	ng	0.00
23) Nitrobenzene-d5	8.728	82	2248831	83.885	ng	0.00
42) 2,4,6-Tribromophenol	15.698	330	903271	94.333	ng	0.00
45) 2-Fluorobiphenyl	12.822	172	4735700	84.193	ng	0.00
79) Terphenyl-d14	19.586	244	7371200	85.903	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.193	88	261526	34.083	ng	99
3) Pyridine	3.593	79	678150	32.267	ng	99
4) n-Nitrosodimethylamine	3.499	42	516903	43.596	ng	99
6) Aniline	6.940	93	999426	42.103	ng	98
8) 2-Chlorophenol	7.169	128	1015731	50.169	ng	99
9) Benzaldehyde	6.740	77	187474	12.400	ng	99
10) Phenol	6.863	94	1226033	48.881	ng	99
11) bis(2-Chloroethyl)ether	7.022	93	961373	44.225	ng	99
12) 1,3-Dichlorobenzene	7.451	146	1008829	41.810	ng	98
13) 1,4-Dichlorobenzene	7.598	146	1016305	41.765	ng	98
14) 1,2-Dichlorobenzene	7.916	146	987077	43.415	ng	100
15) Benzyl Alcohol	7.851	79	914663	47.192	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.110	45	1553385	46.041	ng	100
17) 2-Methylphenol	8.075	107	855764	49.218	ng	98
18) Hexachloroethane	8.628	117	399766	42.322	ng	98
19) n-Nitroso-di-n-propyla...	8.398	70	740055	42.412	ng	97
20) 3+4-Methylphenols	8.410	107	1091982	47.164	ng	98
22) Acetophenone	8.404	105	1401707	41.560	ng	98
24) Nitrobenzene	8.769	77	1159533	42.527	ng	98
25) Isophorone	9.304	82	2124267	42.568	ng	99
26) 2-Nitrophenol	9.475	139	532357	44.501	ng	98
27) 2,4-Dimethylphenol	9.581	122	975426	64.085	ng	100
28) bis(2-Chloroethoxy)met...	9.781	93	1342881	43.704	ng	99
29) 2,4-Dichlorophenol	10.022	162	1001487	48.115	ng	99
30) 1,2,4-Trichlorobenzene	10.192	180	990589	42.028	ng	100
31) Naphthalene	10.381	128	3001794	41.548	ng	100
32) Benzoic acid	9.816	122	588935	41.920	ng	98
33) 4-Chloroaniline	10.551	127	729120	26.437	ng	99
34) Hexachlorobutadiene	10.669	225	582517	40.312	ng	99
35) Caprolactam	11.422	113	318076m	47.249	ng	
36) 4-Chloro-3-methylphenol	11.704	107	1053867	44.527	ng	98
37) 2-Methylnaphthalene	11.998	142	2090983	41.548	ng	100
38) 1-Methylnaphthalene	12.222	142	1978756	39.851	ng	99
40) 1,2,4,5-Tetrachloroben...	12.369	216	1023983	43.921	ng	98
41) Hexachlorocyclopentadiene	12.357	237	1465815	150.219	ng	99
43) 2,4,6-Trichlorophenol	12.645	196	779522	49.543	ng	99

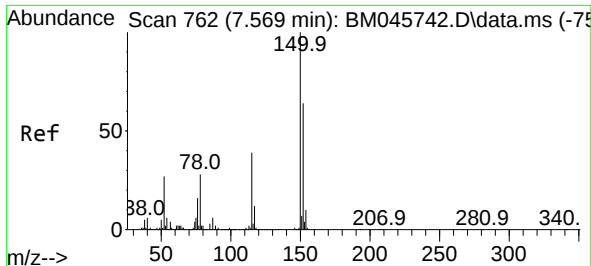
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.733	196	831834	47.501	ng	99
46) 1,1'-Biphenyl	13.033	154	2677308	43.935	ng	99
47) 2-Chloronaphthalene	13.063	162	2057666	43.146	ng	99
48) 2-Nitroaniline	13.316	65	767803	51.023	ng	99
49) Acenaphthylene	13.921	152	3315625	45.850	ng	100
50) Dimethylphthalate	13.698	163	2792320	45.662	ng	100
51) 2,6-Dinitrotoluene	13.804	165	607317	46.273	ng	97
52) Acenaphthene	14.263	154	2023354	44.635	ng	99
53) 3-Nitroaniline	14.157	138	458595	34.258	ng	97
54) 2,4-Dinitrophenol	14.339	184	717068	93.846	ng	98
55) Dibenzofuran	14.604	168	3149084	44.067	ng	99
56) 4-Nitrophenol	14.539	139	1164845	102.349	ng	99
57) 2,4-Dinitrotoluene	14.592	165	812794	46.634	ng	97
58) Fluorene	15.251	166	2568814	43.981	ng	98
59) 2,3,4,6-Tetrachlorophenol	14.851	232	732864	50.363	ng	100
60) Diethylphthalate	15.063	149	2847478	44.563	ng	100
61) 4-Chlorophenyl-phenyle...	15.257	204	1259652	44.070	ng	97
62) 4-Nitroaniline	15.333	138	619472	46.588	ng	96
63) Azobenzene	15.545	77	2788351	45.035	ng	98
65) 4,6-Dinitro-2-methylph...	15.351	198	454667	46.743	ng	95
66) n-Nitrosodiphenylamine	15.480	169	2276191	45.641	ng	99
67) 4-Bromophenyl-phenylether	16.145	248	818077	44.200	ng	98
68) Hexachlorobenzene	16.245	284	941923	42.723	ng	99
69) Atrazine	16.451	200	869869	57.121	ng	98
70) Pentachlorophenol	16.615	266	1233430	91.705	ng	99
71) Phenanthrene	16.986	178	4162805	45.275	ng	99
72) Anthracene	17.074	178	4120202	45.579	ng	100
73) Carbazole	17.368	167	3997911	44.198	ng	99
74) Di-n-butylphthalate	17.933	149	5032745	44.807	ng	100
75) Fluoranthene	19.003	202	4801844	42.831	ng	99
77) Benzidine	19.221	184	1308252	48.509	ng	100
78) Pyrene	19.368	202	4992732	44.814	ng	100
80) Butylbenzylphthalate	20.292	149	2272533	47.091	ng	99
81) Benzo(a)anthracene	21.145	228	4564027	45.372	ng	100
82) 3,3'-Dichlorobenzidine	21.092	252	1376365	39.926	ng	100
83) Chrysene	21.203	228	4161983	44.111	ng	100
84) Bis(2-ethylhexyl)phtha...	21.092	149	3113958	45.954	ng	99
85) Di-n-octyl phthalate	22.150	149	5544791	46.920	ng	100
87) Indeno(1,2,3-cd)pyrene	27.050	276	4856643	47.907	ng	100
88) Benzo(b)fluoranthene	23.080	252	4748684	47.529	ng	99
89) Benzo(k)fluoranthene	23.139	252	4524748	47.713	ng	100
90) Benzo(a)pyrene	23.821	252	4040680	46.542	ng	99
91) Dibenzo(a,h)anthracene	27.103	278	4082755	48.617	ng	99
92) Benzo(g,h,i)perylene	28.021	276	4045873	46.444	ng	99

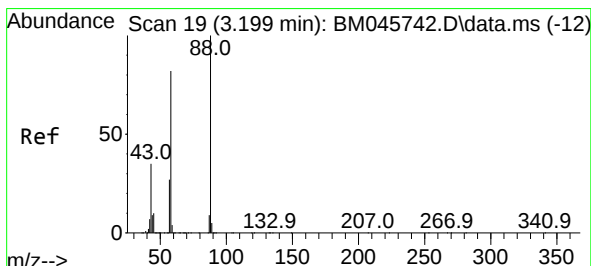
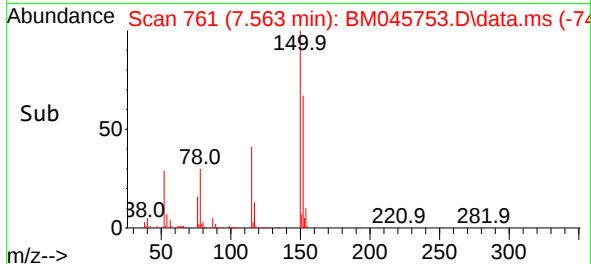
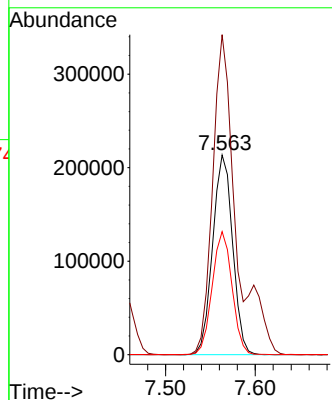
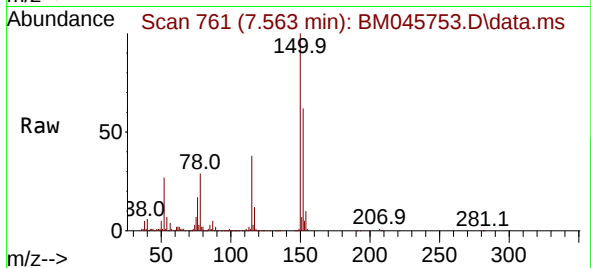
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#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.563 min Scan# 7
 Delta R.T. -0.006 min
 Lab File: BM045753.D
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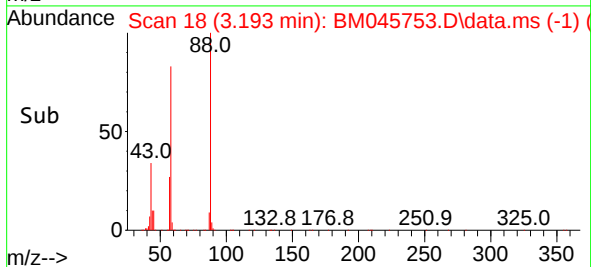
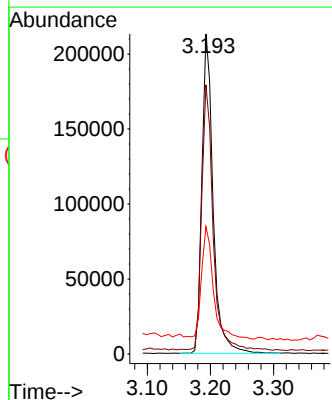
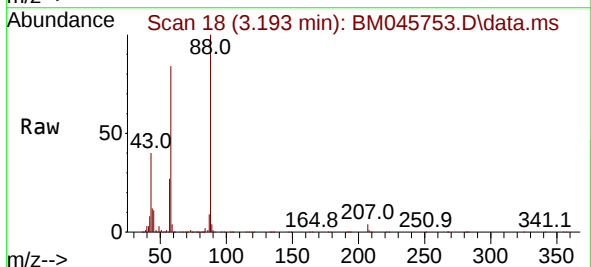
Instrument :
 BNA_M
 ClientSampleId :
 PB160904BS

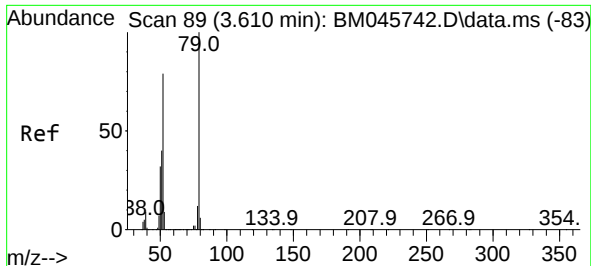
Tgt Ion:152 Resp: 329592
 Ion Ratio Lower Upper
 152 100
 150 160.2 124.2 186.4
 115 61.6 48.9 73.3



#2
 1,4-Dioxane
 Concen: 34.083 ng
 RT: 3.193 min Scan# 18
 Delta R.T. -0.006 min
 Lab File: BM045753.D
 Acq: 23 May 2024 14:48

Tgt Ion: 88 Resp: 261526
 Ion Ratio Lower Upper
 88 100
 58 84.4 67.0 100.6
 43 37.3 28.4 42.6

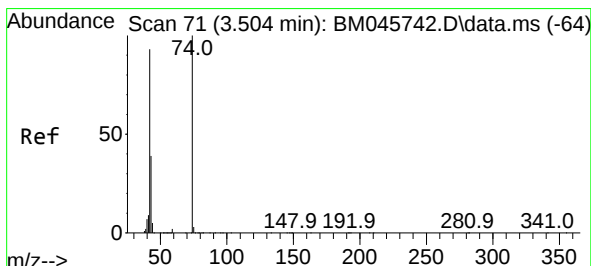
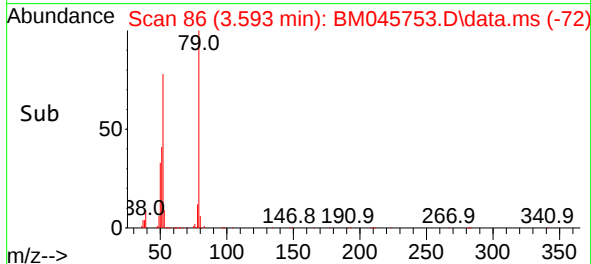
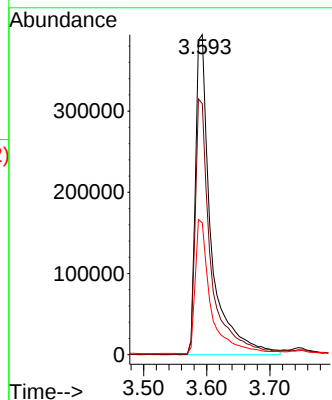
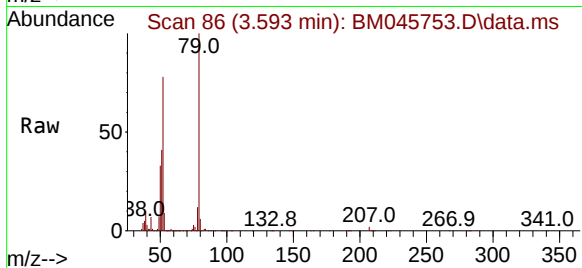




#3
 Pyridine
 Concen: 32.267 ng
 RT: 3.593 min Scan# 80
 Delta R.T. -0.018 min
 Lab File: BM045753.D
 Acq: 23 May 2024 14:48

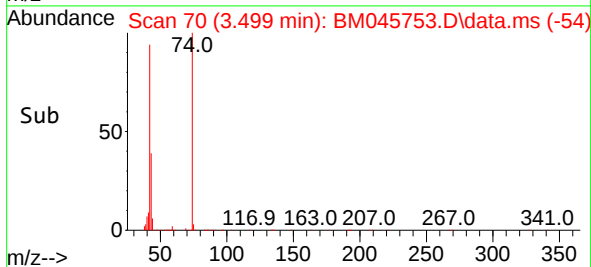
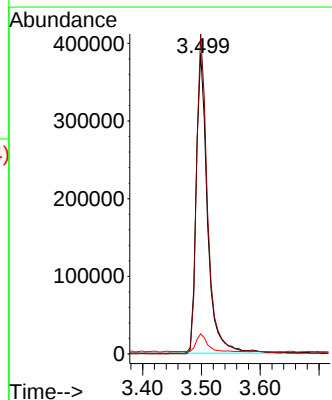
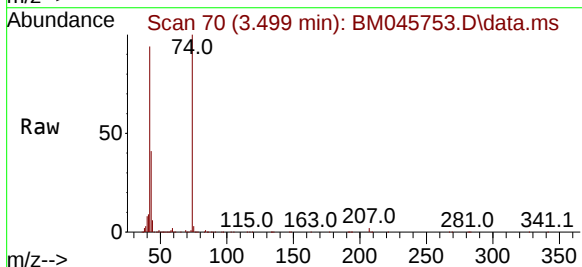
Instrument :
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 ClientSampleId :
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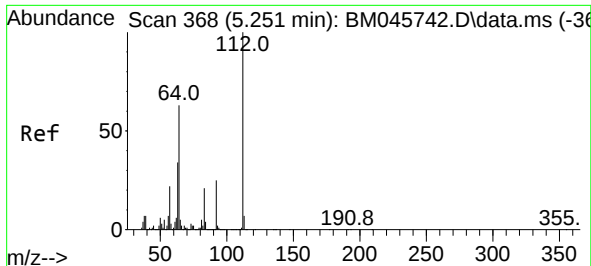
Tgt Ion: 79 Resp: 678150
 Ion Ratio Lower Upper
 79 100
 52 78.5 63.2 94.8
 51 41.2 32.1 48.1



#4
 n-Nitrosodimethylamine
 Concen: 43.596 ng
 RT: 3.499 min Scan# 70
 Delta R.T. -0.006 min
 Lab File: BM045753.D
 Acq: 23 May 2024 14:48

Tgt Ion: 42 Resp: 516903
 Ion Ratio Lower Upper
 42 100
 74 106.5 85.7 128.5
 44 6.7 5.4 8.0

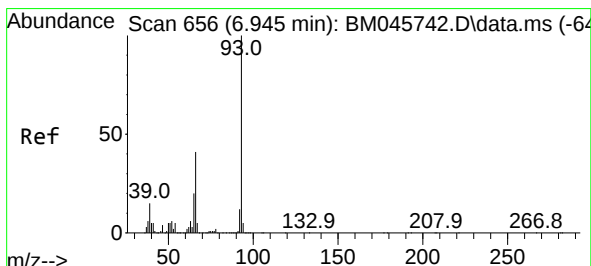
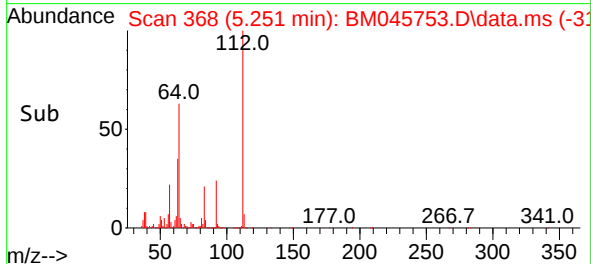
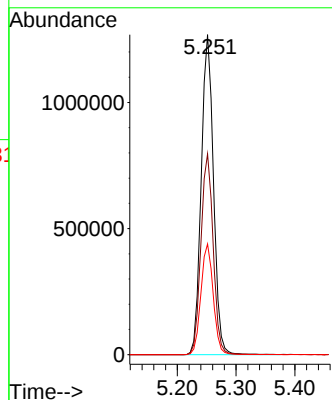
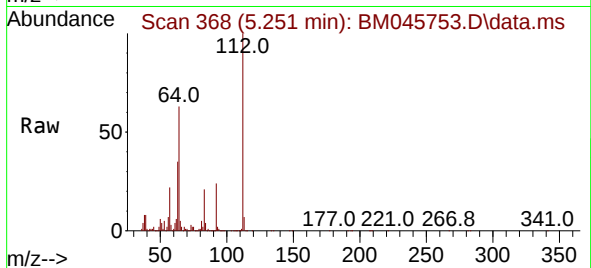




#5
2-Fluorophenol
Concen: 99.497 ng
RT: 5.251 min Scan# 368
Delta R.T. 0.000 min
Lab File: BM045753.D
Acq: 23 May 2024 14:48

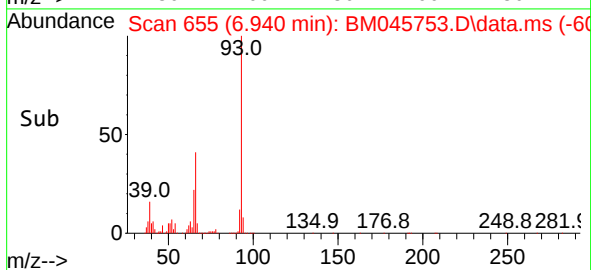
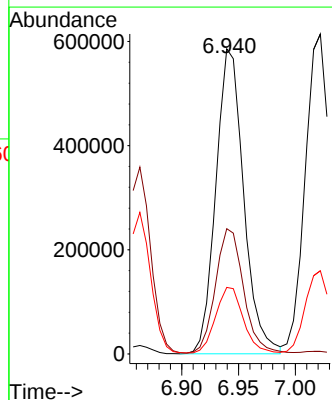
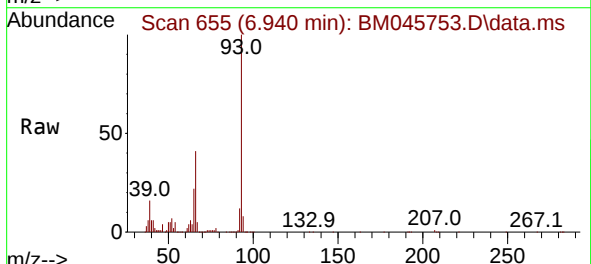
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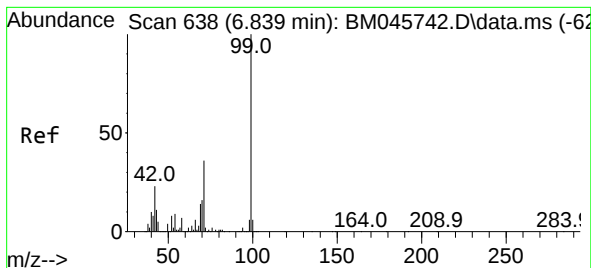
Tgt Ion:112 Resp: 1839347
Ion Ratio Lower Upper
112 100
64 62.8 50.1 75.1
63 34.6 27.3 40.9



#6
Aniline
Concen: 42.103 ng
RT: 6.940 min Scan# 655
Delta R.T. -0.006 min
Lab File: BM045753.D
Acq: 23 May 2024 14:48

Tgt Ion: 93 Resp: 999426
Ion Ratio Lower Upper
93 100
66 41.1 33.8 50.6
65 21.8 16.8 25.2





#7

Phenol-d6

Concen: 95.065 ng

RT: 6.840 min Scan# 61

Delta R.T. 0.000 min

Lab File: BM045753.D

Acq: 23 May 2024 14:48

Instrument :

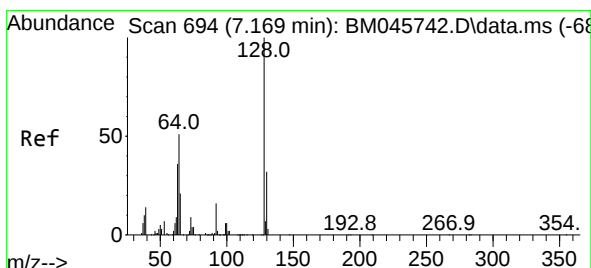
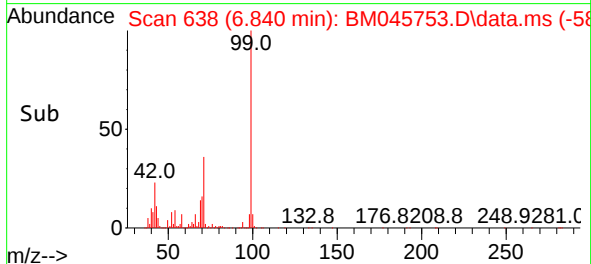
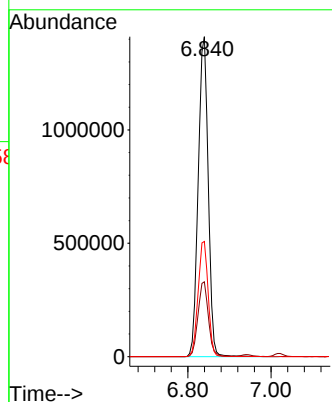
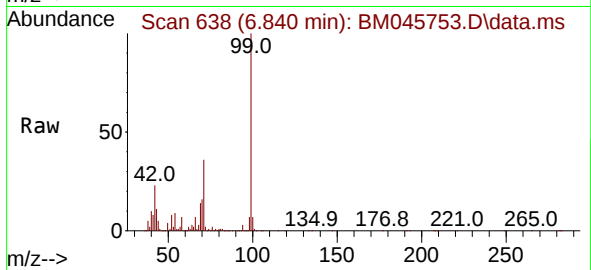
BNA_M

ClientSampleId :

PB160904BS

Tgt Ion: 99 Resp: 2359390

Ion	Ratio	Lower	Upper
99	100		
42	23.4	18.3	27.5
71	36.0	28.5	42.7



#8

2-Chlorophenol

Concen: 50.169 ng

RT: 7.169 min Scan# 694

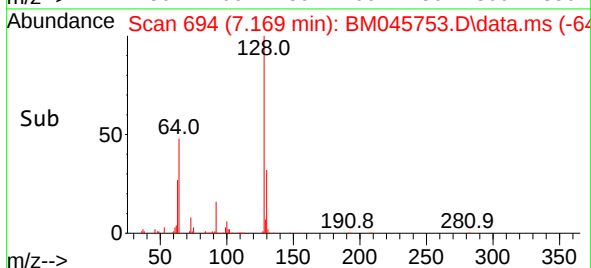
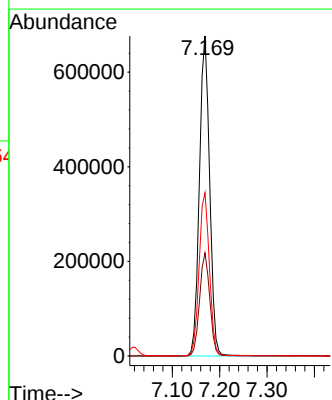
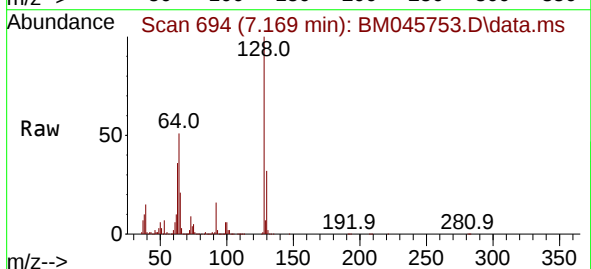
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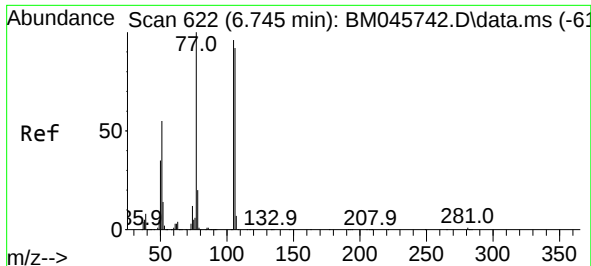
Lab File: BM045753.D

Acq: 23 May 2024 14:48

Tgt Ion:128 Resp: 1015731

Ion	Ratio	Lower	Upper
128	100		
130	32.2	12.2	52.2
64	51.0	32.2	72.2

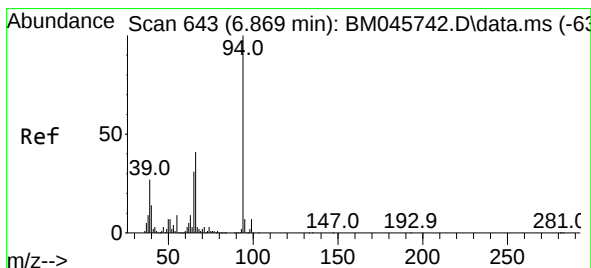
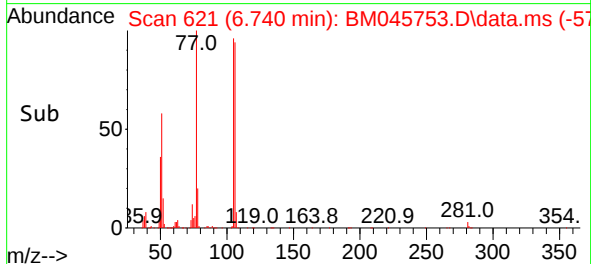
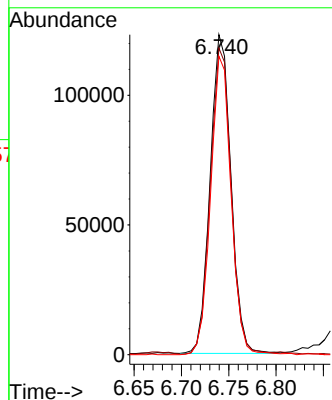
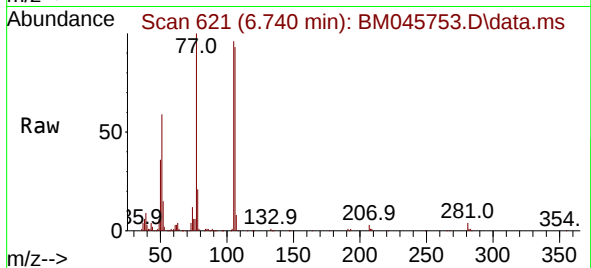




#9
Benzaldehyde
Concen: 12.400 ng
RT: 6.740 min Scan# 61
Delta R.T. -0.005 min
Lab File: BM045753.D
Acq: 23 May 2024 14:48

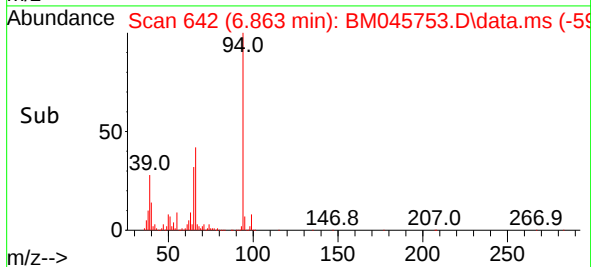
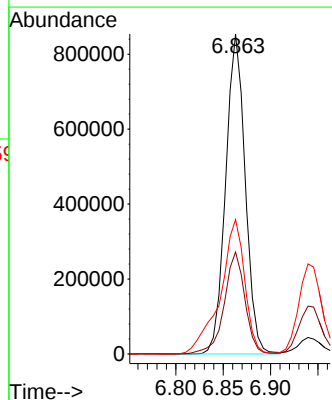
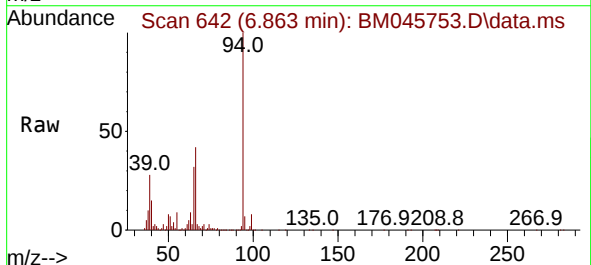
Instrument :
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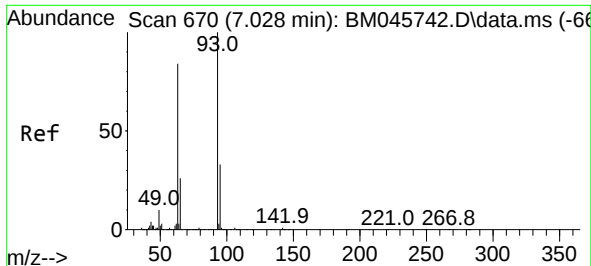
Tgt Ion: 77 Resp: 187474
Ion Ratio Lower Upper
77 100
105 95.8 75.6 115.6
106 93.3 72.1 112.1



#10
Phenol
Concen: 48.881 ng
RT: 6.863 min Scan# 642
Delta R.T. -0.006 min
Lab File: BM045753.D
Acq: 23 May 2024 14:48

Tgt Ion: 94 Resp: 1226033
Ion Ratio Lower Upper
94 100
65 31.8 11.4 51.4
66 42.0 21.3 61.3

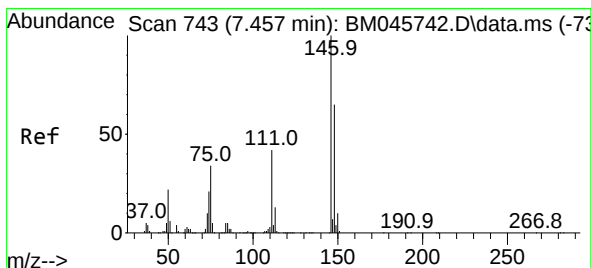
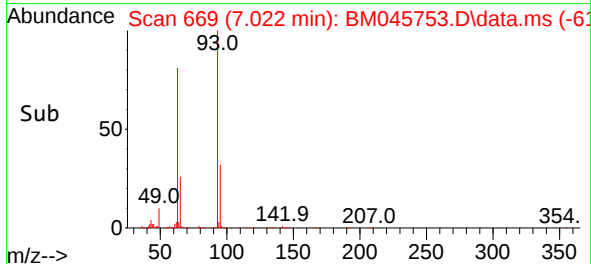
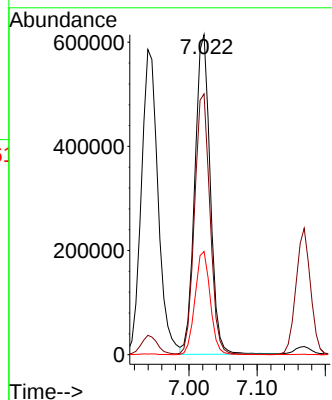
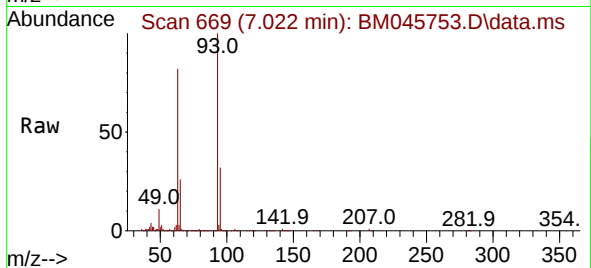




#11
bis(2-Chloroethyl)ether
Concen: 44.225 ng
RT: 7.022 min Scan# 609
Delta R.T. -0.006 min
Lab File: BM045753.D
Acq: 23 May 2024 14:48

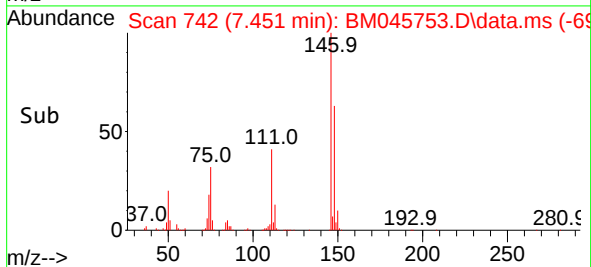
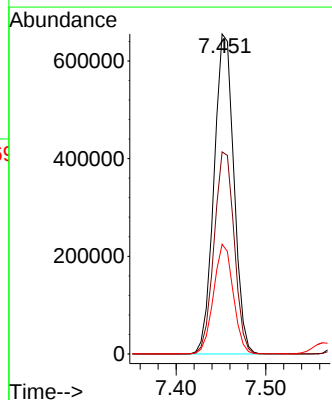
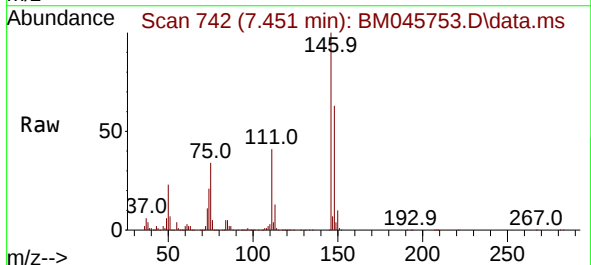
Instrument :
BNA_M
ClientSampleId :
PB160904BS

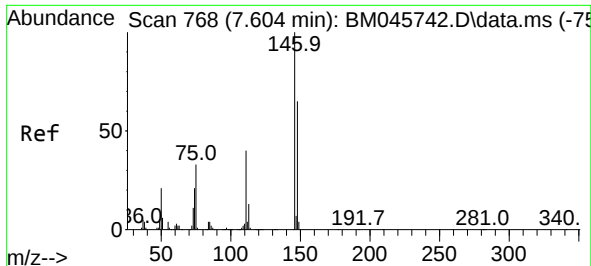
Tgt Ion: 93 Resp: 961373
Ion Ratio Lower Upper
93 100
63 81.5 62.3 102.3
95 32.2 12.5 52.5



#12
1,3-Dichlorobenzene
Concen: 41.810 ng
RT: 7.451 min Scan# 742
Delta R.T. -0.006 min
Lab File: BM045753.D
Acq: 23 May 2024 14:48

Tgt Ion:146 Resp: 1008829
Ion Ratio Lower Upper
146 100
148 63.1 51.8 77.6
75 34.3 27.1 40.7

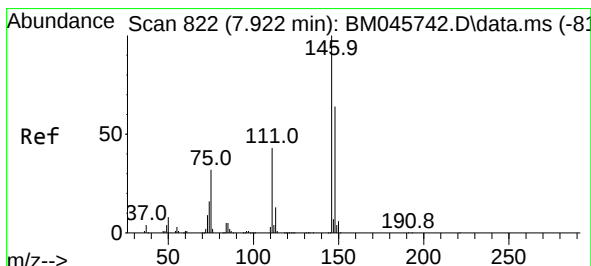
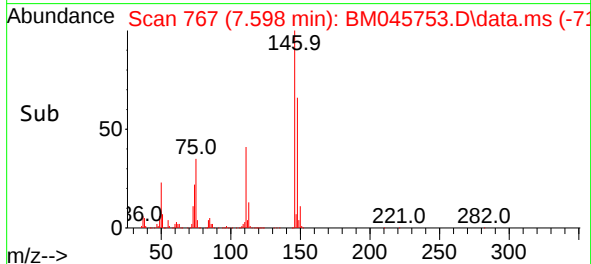
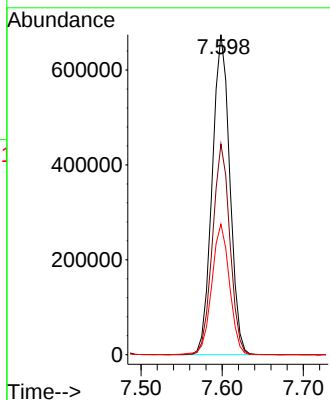
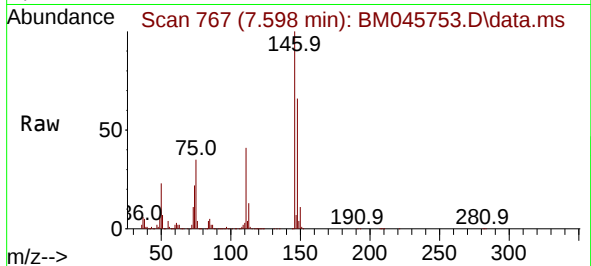




#13
1,4-Dichlorobenzene
Concen: 41.765 ng
RT: 7.598 min Scan# 767
Delta R.T. -0.006 min
Lab File: BM045753.D
Acq: 23 May 2024 14:48

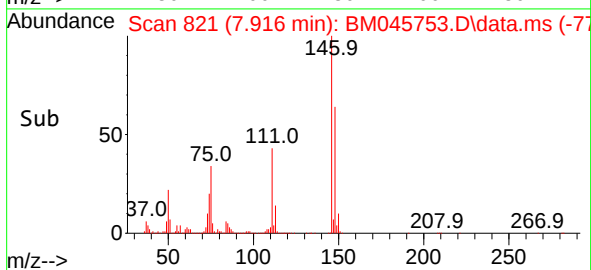
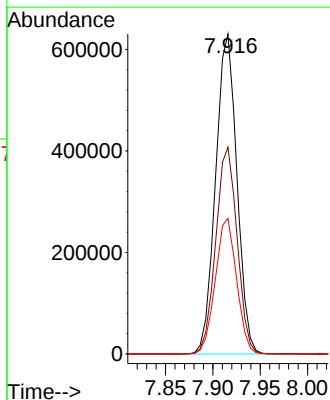
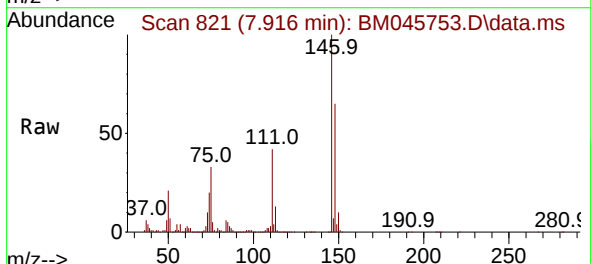
Instrument :
BNA_M
ClientSampleId :
PB160904BS

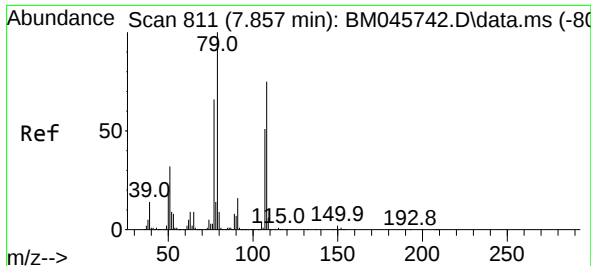
Tgt Ion:146 Resp: 1016305
Ion Ratio Lower Upper
146 100
148 65.9 51.8 77.6
111 40.8 31.7 47.5



#14
1,2-Dichlorobenzene
Concen: 43.415 ng
RT: 7.916 min Scan# 821
Delta R.T. -0.006 min
Lab File: BM045753.D
Acq: 23 May 2024 14:48

Tgt Ion:146 Resp: 987077
Ion Ratio Lower Upper
146 100
148 64.6 51.6 77.4
111 42.3 34.4 51.6

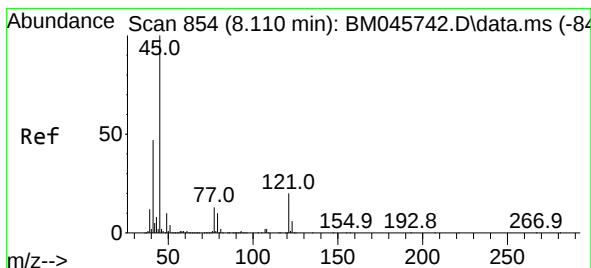
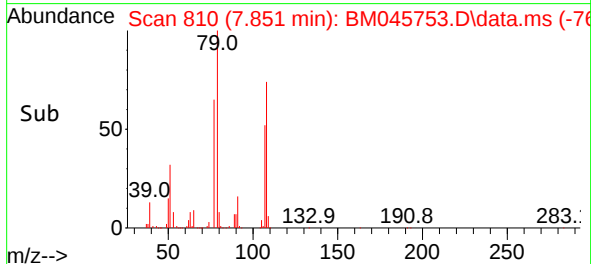
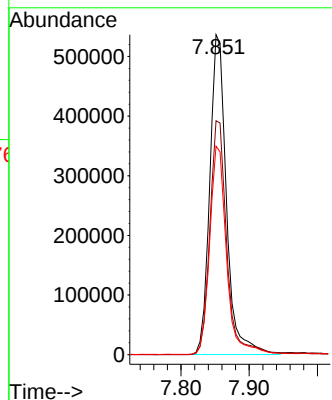
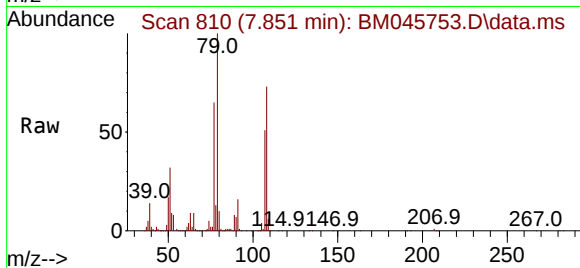




#15
Benzyl Alcohol
Concen: 47.192 ng
RT: 7.851 min Scan# 811
Delta R.T. -0.006 min
Lab File: BM045753.D
Acq: 23 May 2024 14:48

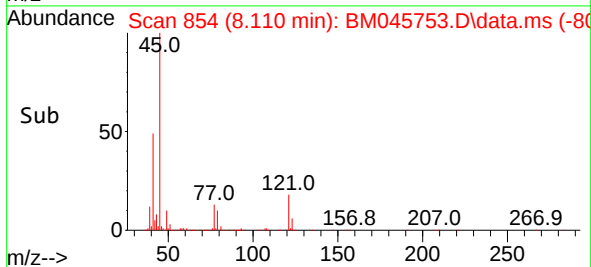
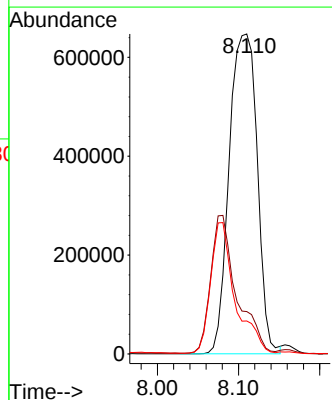
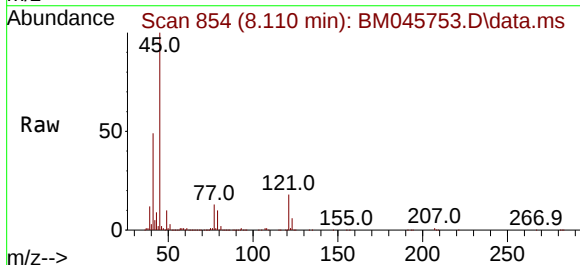
Instrument :
BNA_M
ClientSampleId :
PB160904BS

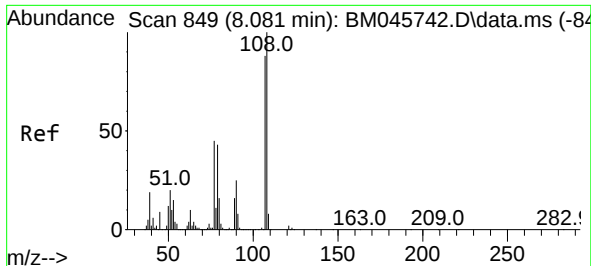
Tgt Ion: 79 Resp: 914663
Ion Ratio Lower Upper
79 100
108 73.1 59.8 89.6
77 65.2 52.6 79.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.041 ng
RT: 8.110 min Scan# 854
Delta R.T. 0.000 min
Lab File: BM045753.D
Acq: 23 May 2024 14:48

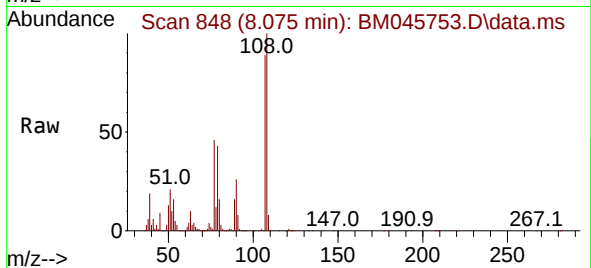
Tgt Ion: 45 Resp: 1553385
Ion Ratio Lower Upper
45 100
77 13.2 0.0 33.4
79 10.3 0.0 30.5



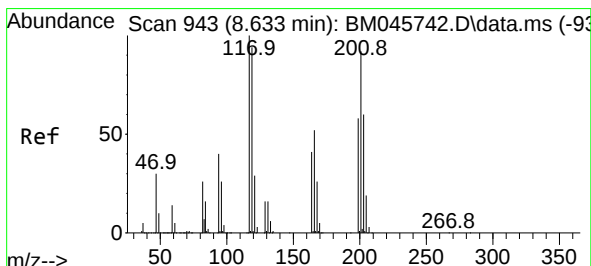
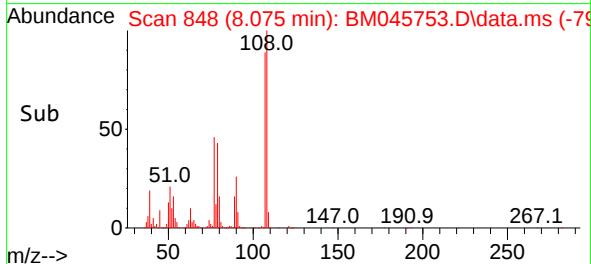
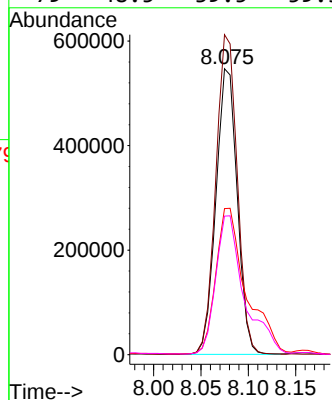


#17
2-Methylphenol
Concen: 49.218 ng
RT: 8.075 min Scan# 849
Delta R.T. -0.006 min
Lab File: BM045753.D
Acq: 23 May 2024 14:48

Instrument :
BNA_M
ClientSampleId :
PB160904BS

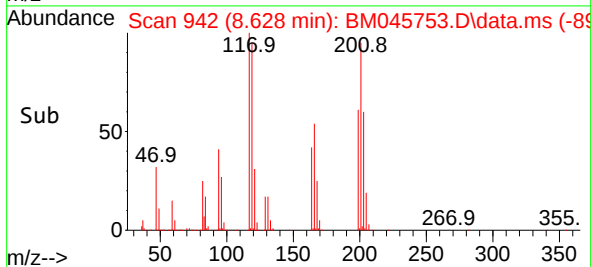
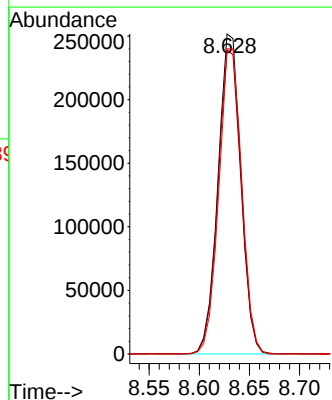
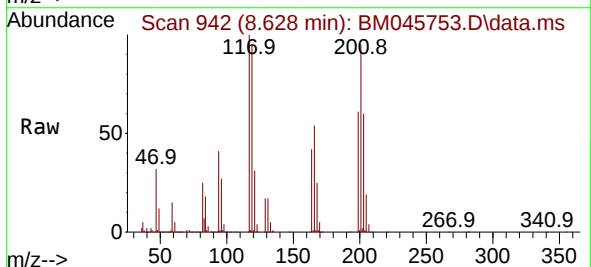


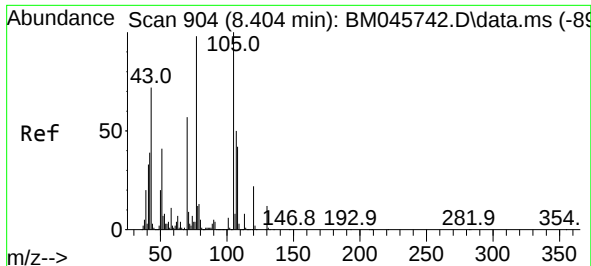
Tgt Ion:	107	Resp:	855764
Ion	Ratio	Lower	Upper
107	100		
108	111.9	91.4	137.2
77	51.1	41.1	61.7
79	48.5	39.5	59.3



#18
Hexachloroethane
Concen: 42.322 ng
RT: 8.628 min Scan# 942
Delta R.T. -0.006 min
Lab File: BM045753.D
Acq: 23 May 2024 14:48

Tgt Ion:	117	Resp:	399766
Ion	Ratio	Lower	Upper
117	100		
119	95.0	75.1	112.7
201	95.4	73.5	110.3

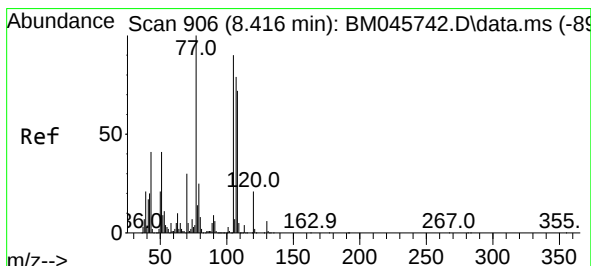
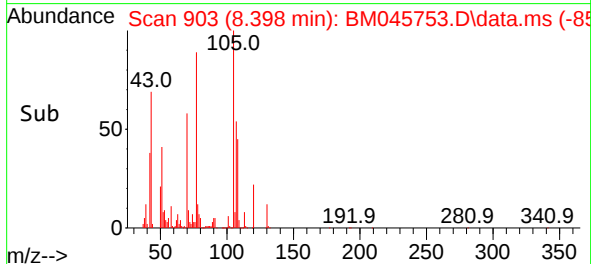
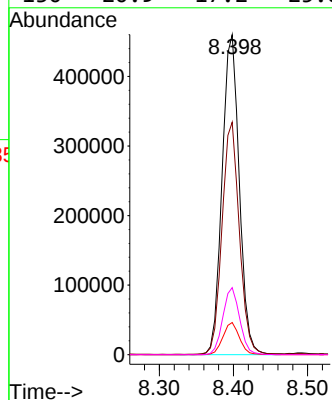
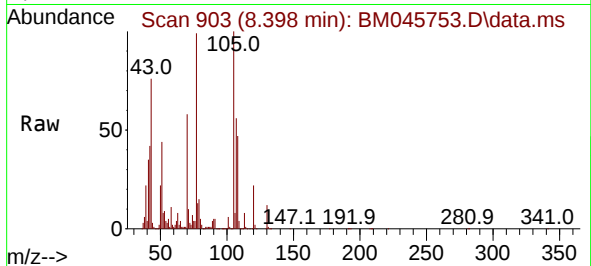




#19
n-Nitroso-di-n-propylamine
Concen: 42.412 ng
RT: 8.398 min Scan# 903
Delta R.T. -0.006 min
Lab File: BM045753.D
Acq: 23 May 2024 14:48

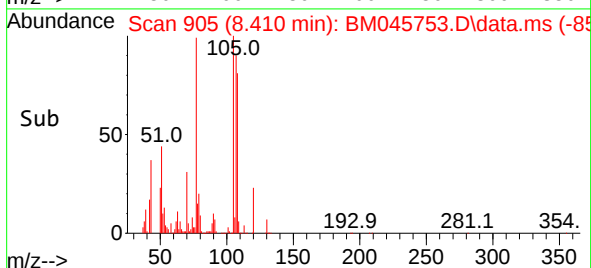
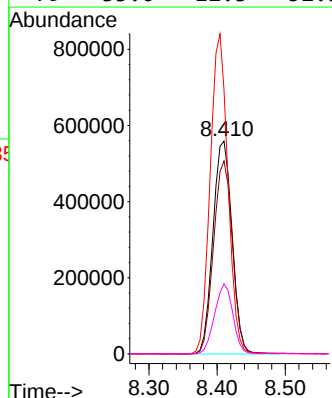
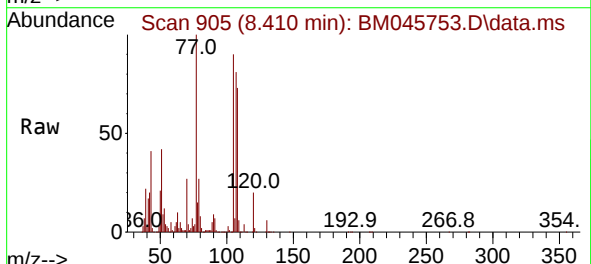
Instrument :
BNA_M
ClientSampleId :
PB160904BS

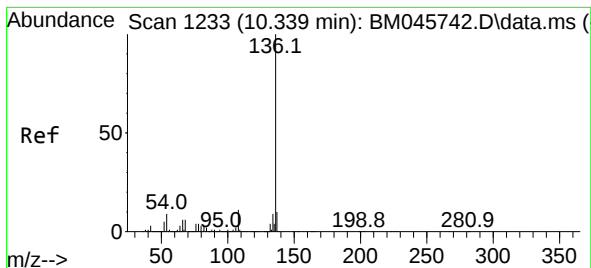
Tgt Ion: 70 Resp: 740055
Ion Ratio Lower Upper
70 100
42 72.6 55.8 83.6
101 10.1 7.8 11.6
130 20.9 17.2 25.8



#20
3+4-Methylphenols
Concen: 47.164 ng
RT: 8.410 min Scan# 905
Delta R.T. -0.006 min
Lab File: BM045753.D
Acq: 23 May 2024 14:48

Tgt Ion: 107 Resp: 1091982
Ion Ratio Lower Upper
107 100
108 90.7 71.2 111.2
77 123.9 106.9 146.9
79 33.0 12.3 52.3

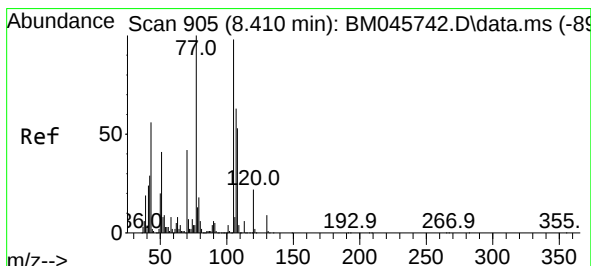
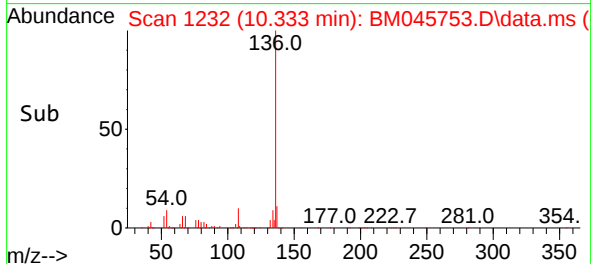
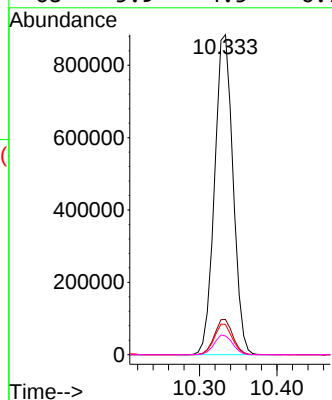
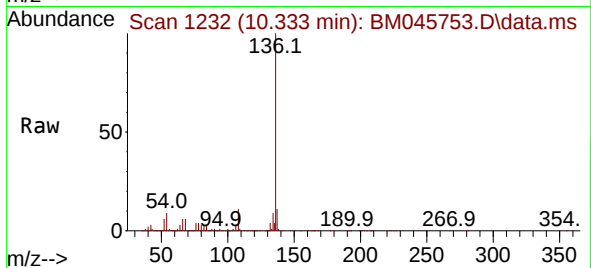




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.333 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM045753.D
Acq: 23 May 2024 14:48

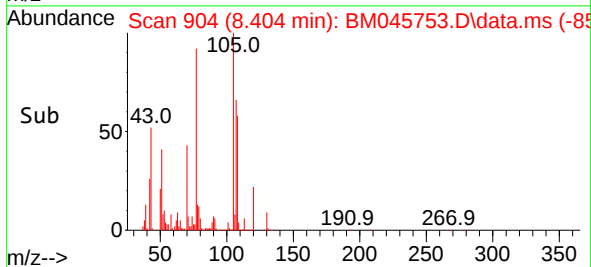
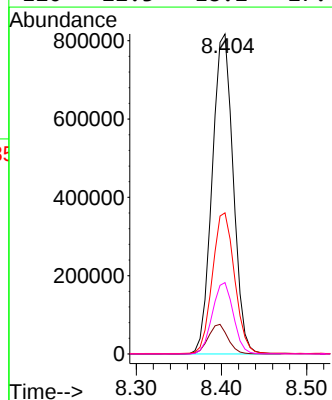
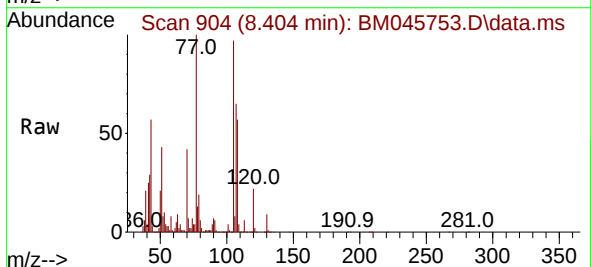
Instrument :
BNA_M
ClientSampleId :
PB160904BS

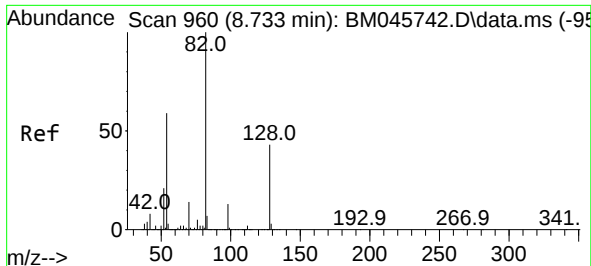
Tgt Ion:136 Resp: 1458310
Ion Ratio Lower Upper
136 100
137 11.0 8.2 12.2
54 9.5 7.5 11.3
68 5.9 4.5 6.7



#22
Acetophenone
Concen: 41.560 ng
RT: 8.404 min Scan# 904
Delta R.T. -0.006 min
Lab File: BM045753.D
Acq: 23 May 2024 14:48

Tgt Ion:105 Resp: 1401707
Ion Ratio Lower Upper
105 100
71 6.7 5.7 8.5
51 44.1 33.8 50.6
120 22.3 18.2 27.4

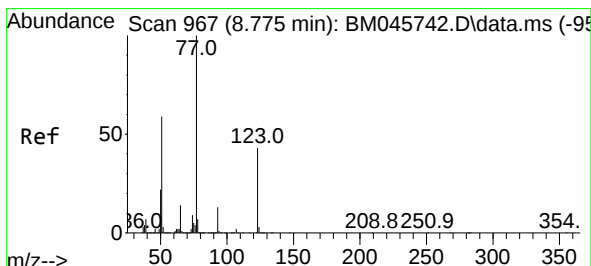
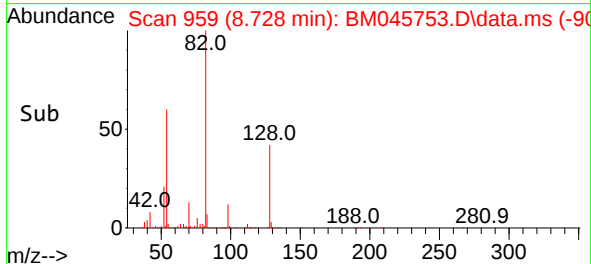
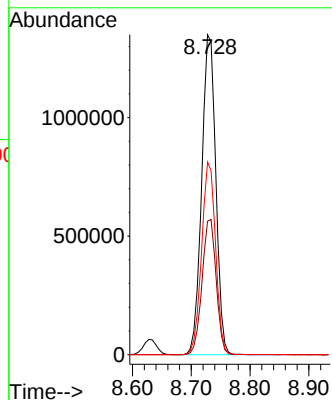
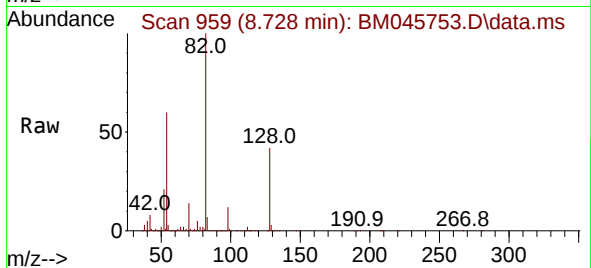




#23
Nitrobenzene-d5
Concen: 83.885 ng
RT: 8.728 min Scan# 91
Delta R.T. -0.005 min
Lab File: BM045753.D
Acq: 23 May 2024 14:48

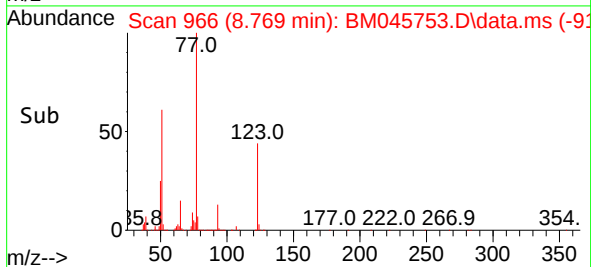
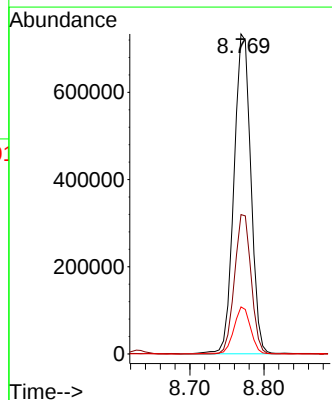
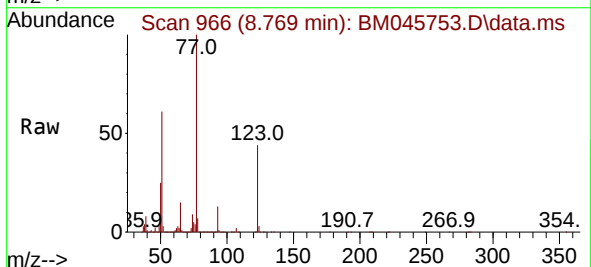
Instrument :
BNA_M
ClientSampleId :
PB160904BS

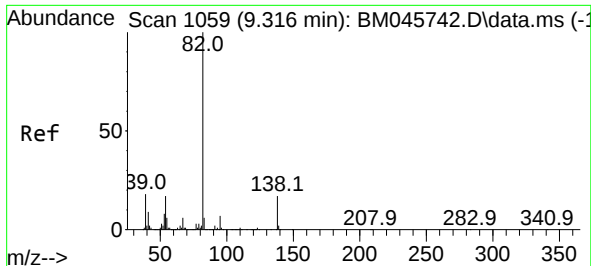
Tgt Ion: 82 Resp: 2248831
Ion Ratio Lower Upper
82 100
128 41.7 34.2 51.4
54 60.2 47.3 70.9



#24
Nitrobenzene
Concen: 42.527 ng
RT: 8.769 min Scan# 966
Delta R.T. -0.006 min
Lab File: BM045753.D
Acq: 23 May 2024 14:48

Tgt Ion: 77 Resp: 1159533
Ion Ratio Lower Upper
77 100
123 43.6 34.1 51.1
65 14.7 11.2 16.8

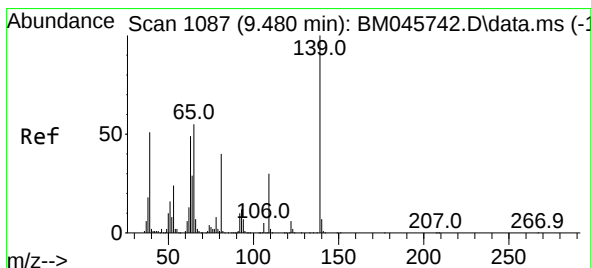
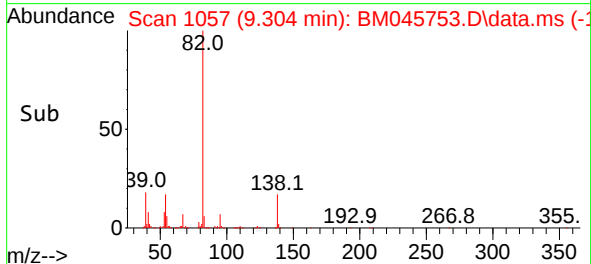
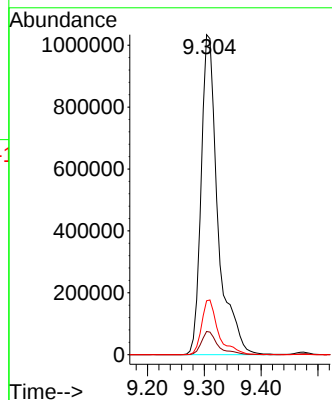
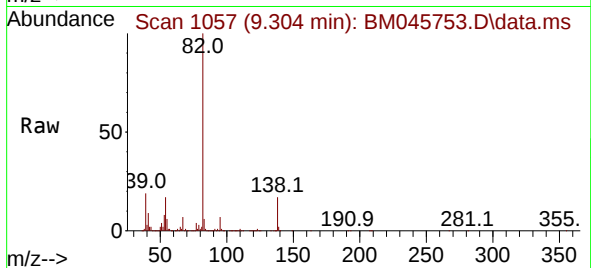




#25
Isophorone
Concen: 42.568 ng
RT: 9.304 min Scan# 1057
Delta R.T. -0.012 min
Lab File: BM045753.D
Acq: 23 May 2024 14:48

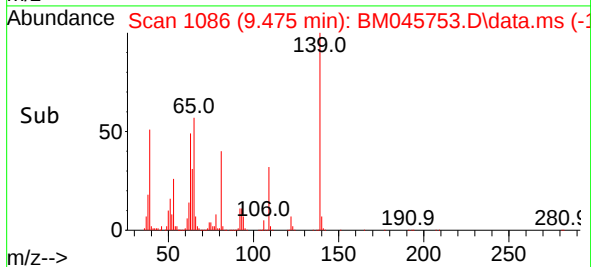
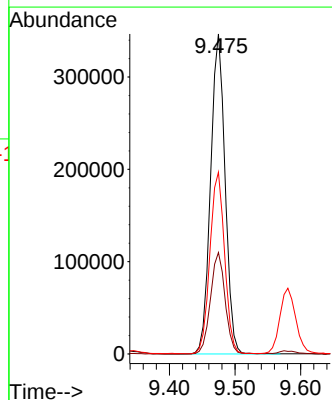
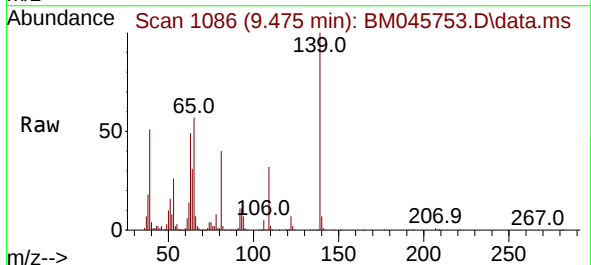
Instrument :
BNA_M
ClientSampleId :
PB160904BS

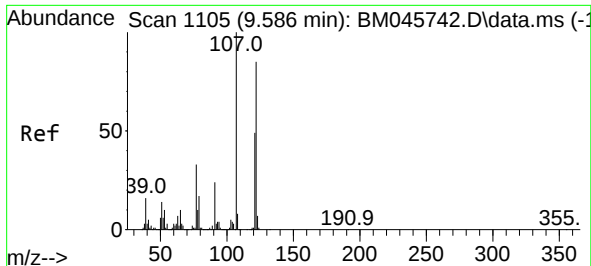
Tgt Ion: 82 Resp: 2124267
Ion Ratio Lower Upper
82 100
95 7.2 5.7 8.5
138 16.9 13.8 20.8



#26
2-Nitrophenol
Concen: 44.501 ng
RT: 9.475 min Scan# 1086
Delta R.T. -0.005 min
Lab File: BM045753.D
Acq: 23 May 2024 14:48

Tgt Ion:139 Resp: 532357
Ion Ratio Lower Upper
139 100
109 31.7 24.4 36.6
65 56.8 44.5 66.7

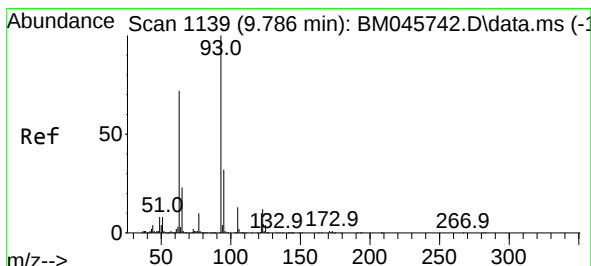
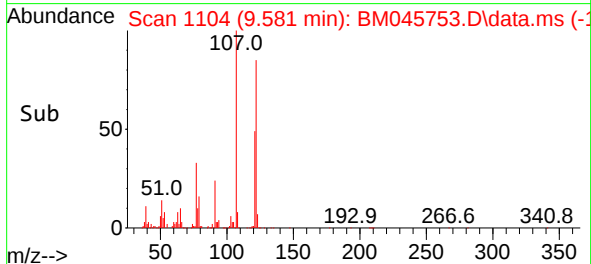
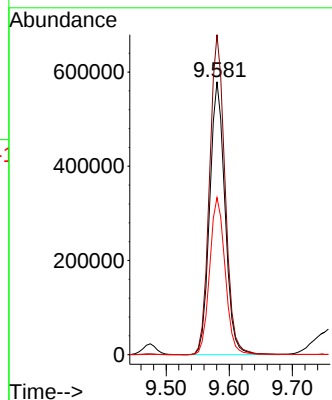
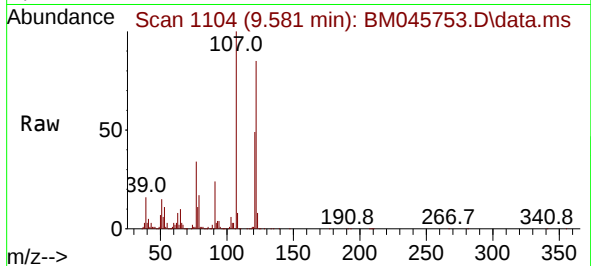




#27
2,4-Dimethylphenol
Concen: 64.085 ng
RT: 9.581 min Scan# 1104
Delta R.T. -0.006 min
Lab File: BM045753.D
Acq: 23 May 2024 14:48

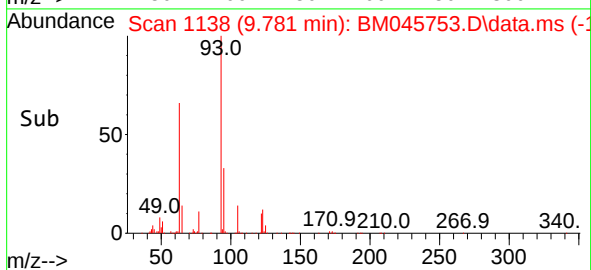
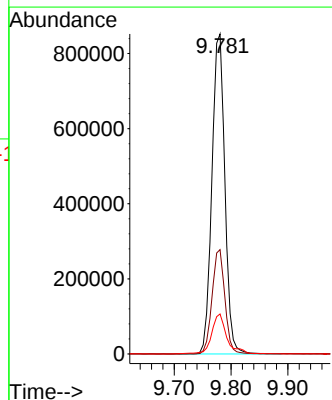
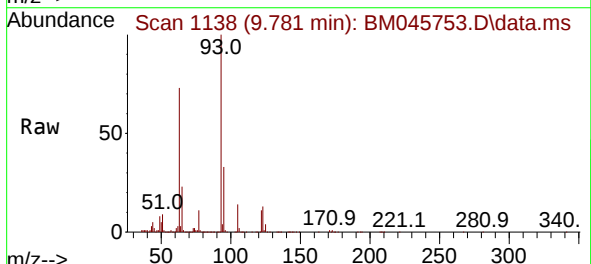
Instrument :
BNA_M
ClientSampleId :
PB160904BS

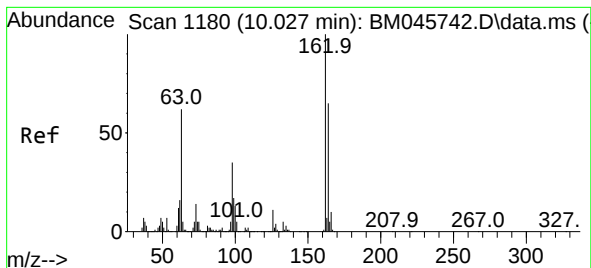
Tgt Ion:122 Resp: 975426
Ion Ratio Lower Upper
122 100
107 117.2 93.9 140.9
121 57.6 46.1 69.1



#28
bis(2-Chloroethoxy)methane
Concen: 43.704 ng
RT: 9.781 min Scan# 1138
Delta R.T. -0.006 min
Lab File: BM045753.D
Acq: 23 May 2024 14:48

Tgt Ion: 93 Resp: 1342881
Ion Ratio Lower Upper
93 100
95 32.6 25.8 38.8
123 12.5 9.8 14.8

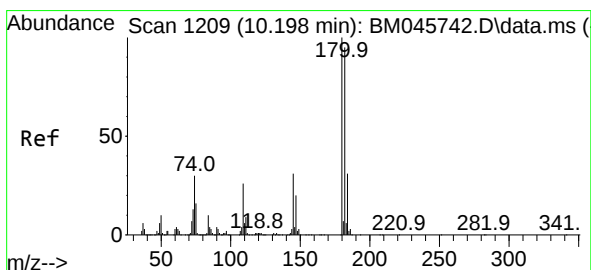
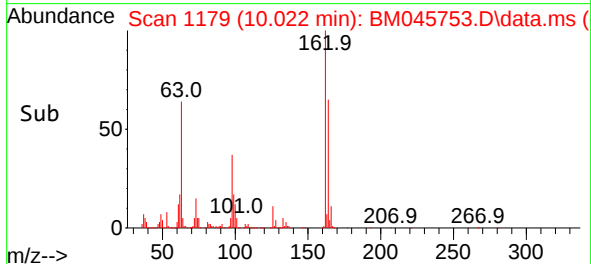
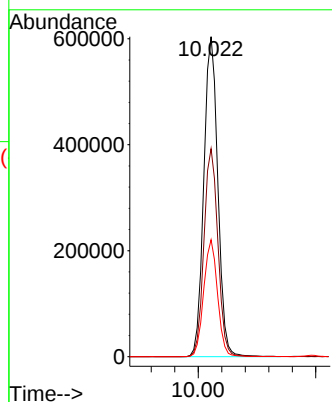
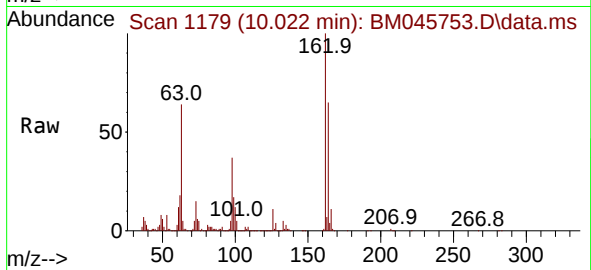




#29
2,4-Dichlorophenol
Concen: 48.115 ng
RT: 10.022 min Scan# 1180
Delta R.T. -0.005 min
Lab File: BM045753.D
Acq: 23 May 2024 14:48

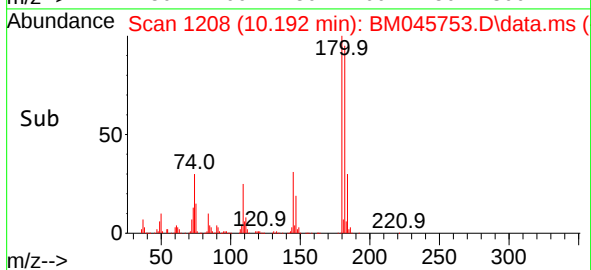
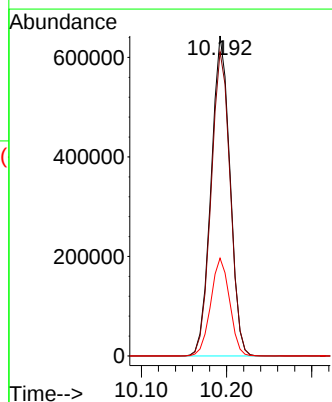
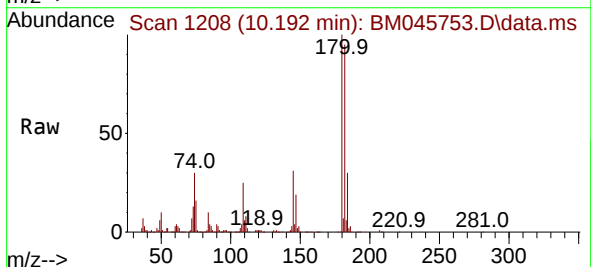
Instrument :
BNA_M
ClientSampleId :
PB160904BS

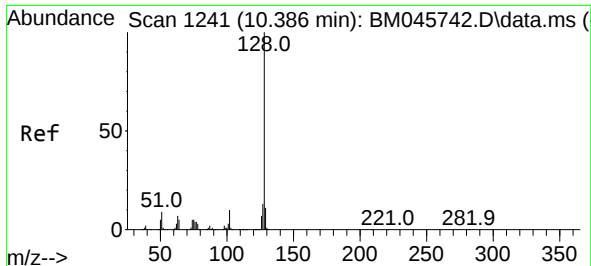
Tgt Ion:162 Resp: 1001487
Ion Ratio Lower Upper
162 100
164 65.0 45.4 85.4
98 36.6 15.5 55.5



#30
1,2,4-Trichlorobenzene
Concen: 42.028 ng
RT: 10.192 min Scan# 1208
Delta R.T. -0.006 min
Lab File: BM045753.D
Acq: 23 May 2024 14:48

Tgt Ion:180 Resp: 990589
Ion Ratio Lower Upper
180 100
182 95.1 76.0 114.0
145 30.6 24.6 37.0

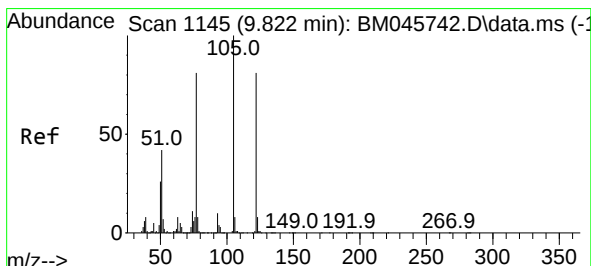
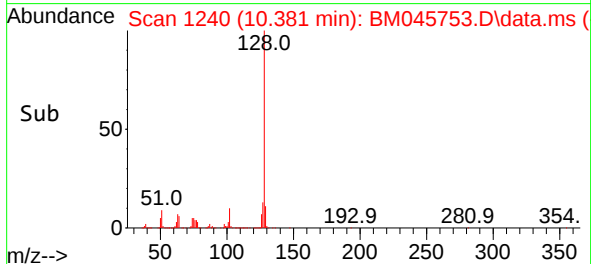
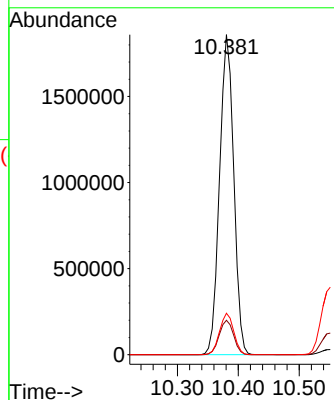
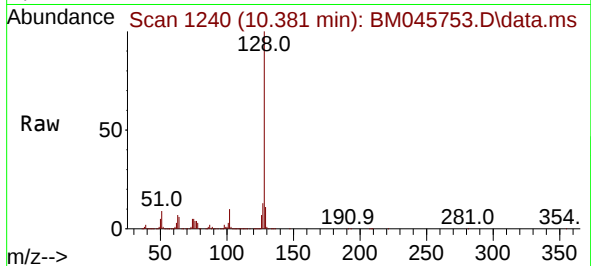




#31
Naphthalene
Concen: 41.548 ng
RT: 10.381 min Scan# 1144
Delta R.T. -0.005 min
Lab File: BM045753.D
Acq: 23 May 2024 14:48

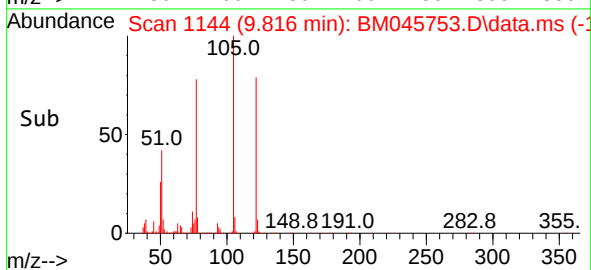
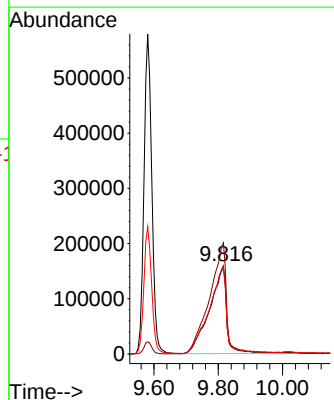
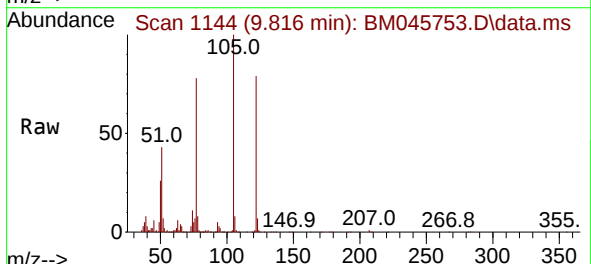
Instrument :
BNA_M
ClientSampleId :
PB160904BS

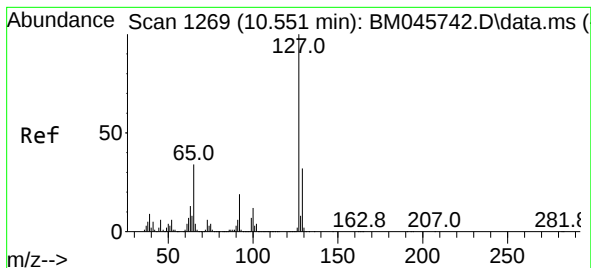
Tgt Ion:128 Resp: 3001794
Ion Ratio Lower Upper
128 100
129 10.7 8.6 13.0
127 12.9 10.2 15.2



#32
Benzoic acid
Concen: 41.920 ng
RT: 9.816 min Scan# 1144
Delta R.T. -0.006 min
Lab File: BM045753.D
Acq: 23 May 2024 14:48

Tgt Ion:122 Resp: 588935
Ion Ratio Lower Upper
122 100
105 126.4 103.0 143.0
77 98.5 79.9 119.9

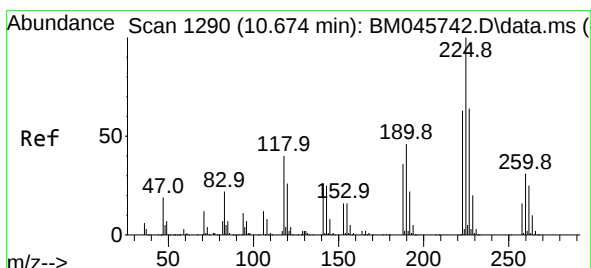
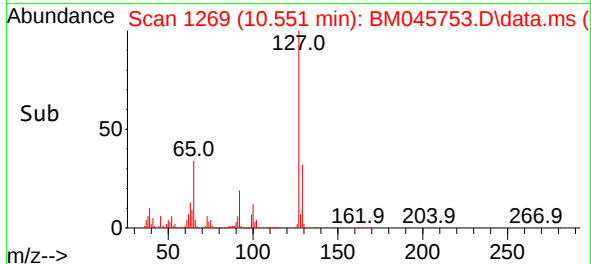
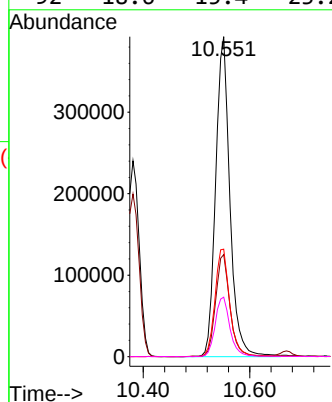
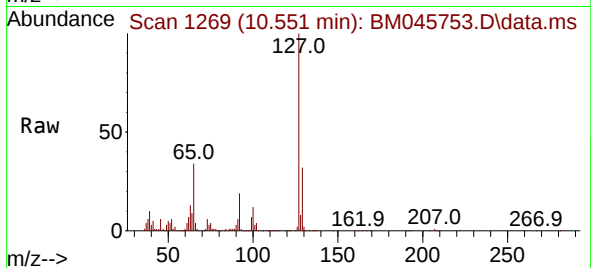




#33
4-Chloroaniline
Concen: 26.437 ng
RT: 10.551 min Scan# 1269
Delta R.T. 0.000 min
Lab File: BM045753.D
Acq: 23 May 2024 14:48

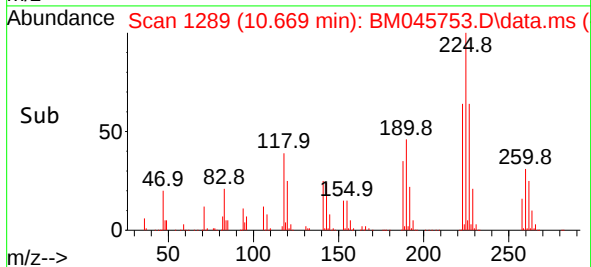
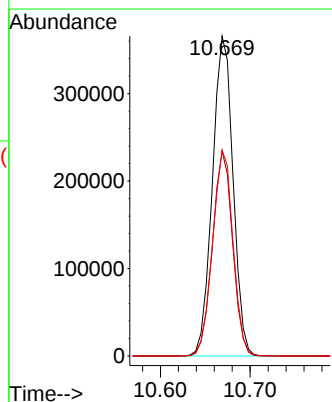
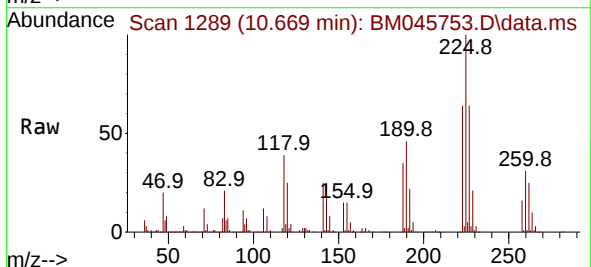
Instrument :
BNA_M
ClientSampleId :
PB160904BS

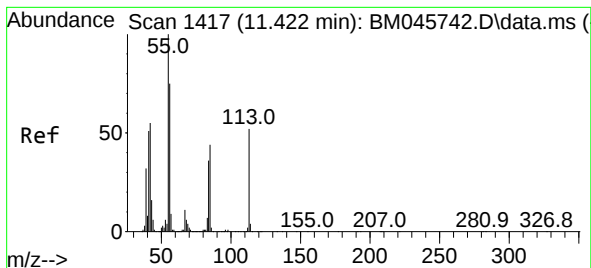
Tgt Ion:	127	Resp:	729120
Ion	Ratio	Lower	Upper
127	100		
129	31.9	25.7	38.5
65	33.6	27.3	40.9
92	18.6	15.4	23.2



#34
Hexachlorobutadiene
Concen: 40.312 ng
RT: 10.669 min Scan# 1289
Delta R.T. -0.006 min
Lab File: BM045753.D
Acq: 23 May 2024 14:48

Tgt Ion:	225	Resp:	582517
Ion	Ratio	Lower	Upper
225	100		
223	64.0	50.5	75.7
227	64.3	51.0	76.6

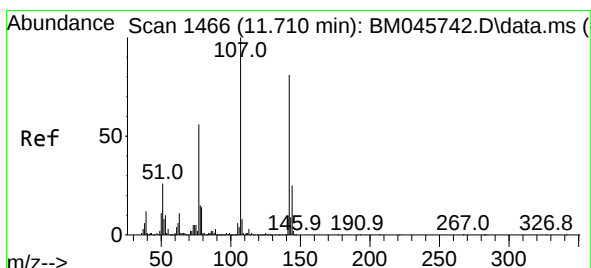
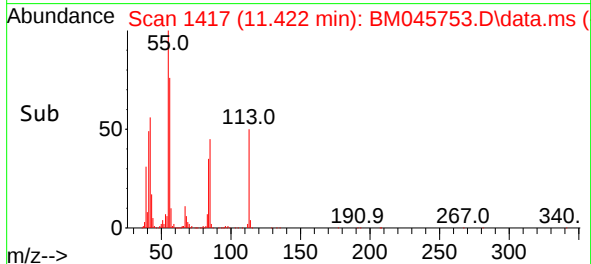
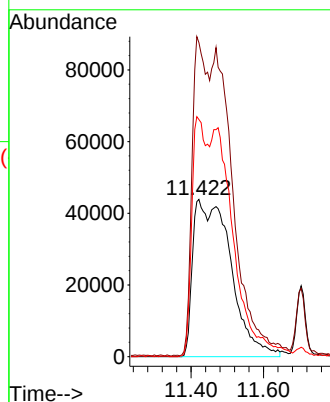
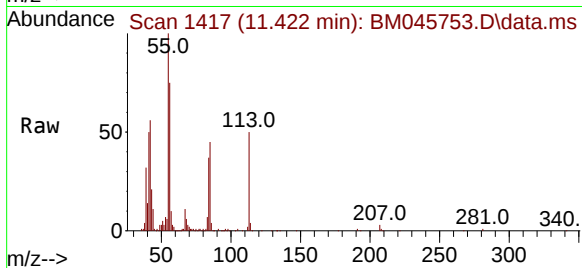




#35
Caprolactam
Concen: 47.249 ng m
RT: 11.422 min Scan# 1417
Delta R.T. 0.000 min
Lab File: BM045753.D
Acq: 23 May 2024 14:48

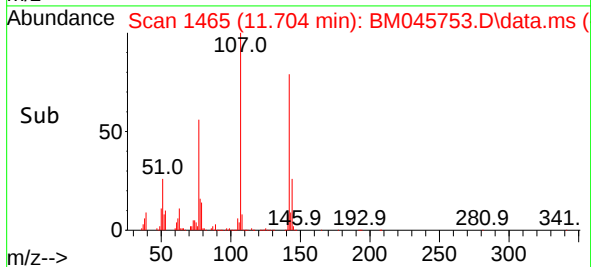
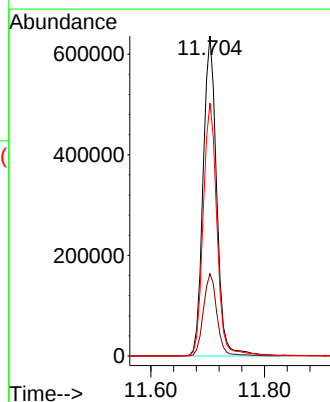
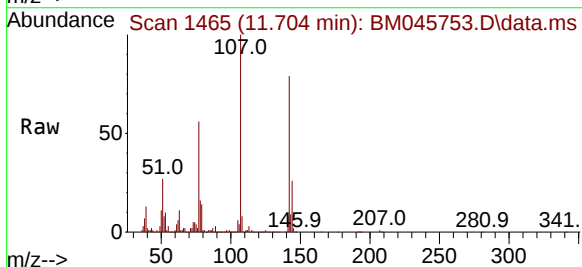
Instrument :
BNA_M
ClientSampleId :
PB160904BS

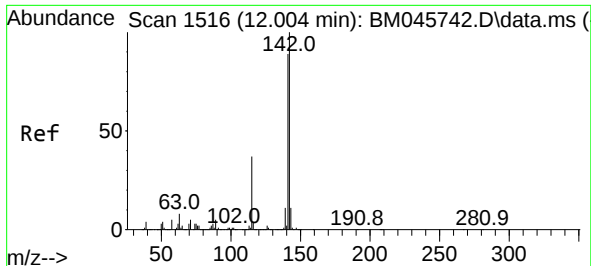
Tgt Ion:113 Resp: 318076
Ion Ratio Lower Upper
113 100
55 199.8 171.1 211.1
56 150.8 123.3 163.3



#36
4-Chloro-3-methylphenol
Concen: 44.527 ng
RT: 11.704 min Scan# 1465
Delta R.T. -0.006 min
Lab File: BM045753.D
Acq: 23 May 2024 14:48

Tgt Ion:107 Resp: 1053867
Ion Ratio Lower Upper
107 100
144 25.7 20.4 30.6
142 79.1 64.7 97.1

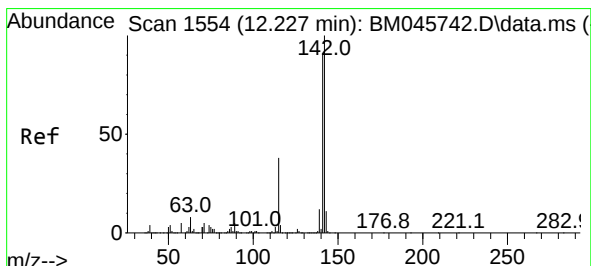
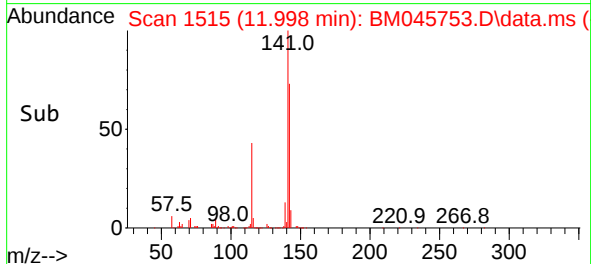
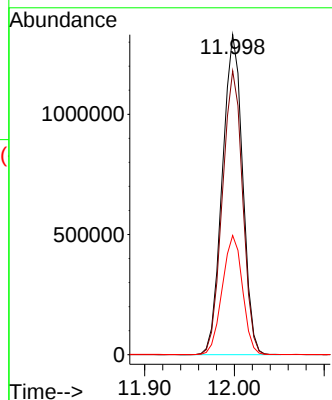
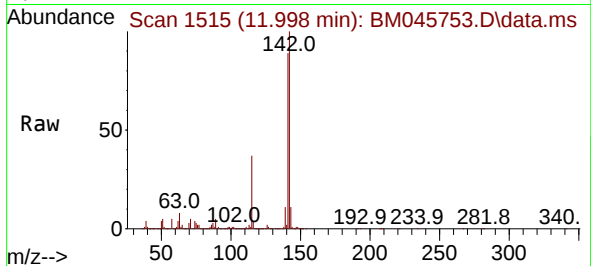




#37
2-Methylnaphthalene
Concen: 41.548 ng
RT: 11.998 min Scan# 1515
Delta R.T. -0.006 min
Lab File: BM045753.D
Acq: 23 May 2024 14:48

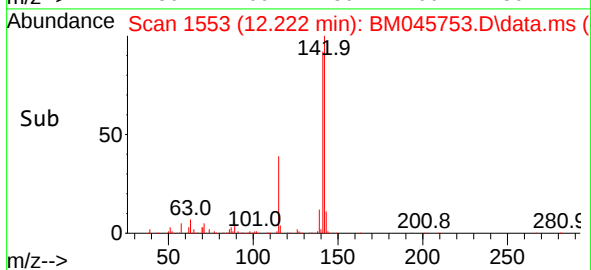
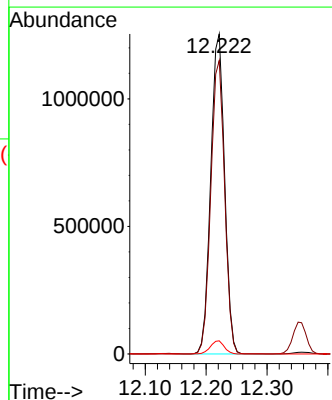
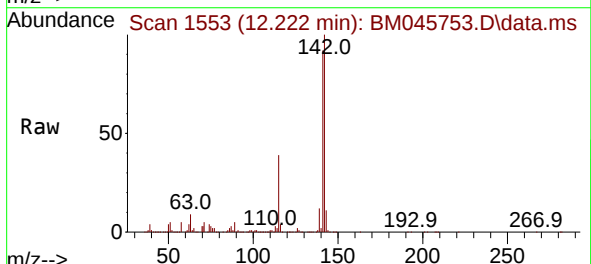
Instrument :
BNA_M
ClientSampleId :
PB160904BS

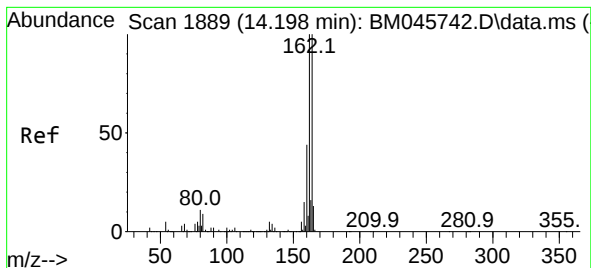
Tgt Ion:142 Resp: 2090983
Ion Ratio Lower Upper
142 100
141 88.7 71.1 106.7
115 37.2 29.4 44.0



#38
1-Methylnaphthalene
Concen: 39.851 ng
RT: 12.222 min Scan# 1553
Delta R.T. -0.006 min
Lab File: BM045753.D
Acq: 23 May 2024 14:48

Tgt Ion:142 Resp: 1978756
Ion Ratio Lower Upper
142 100
141 91.7 72.8 109.2
116 4.1 3.0 4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.198 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM045753.D

Acq: 23 May 2024 14:48

Instrument :

BNA_M

ClientSampleId :

PB160904BS

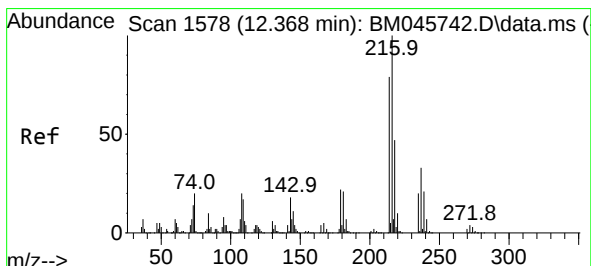
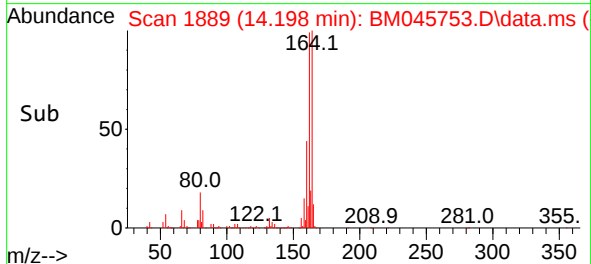
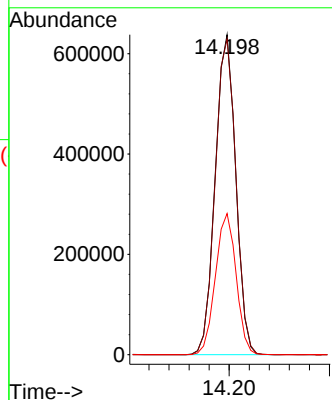
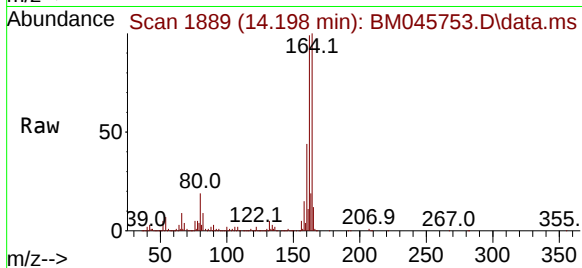
Tgt Ion:164 Resp: 904037

Ion Ratio Lower Upper

164 100

162 98.6 79.9 119.9

160 44.1 35.0 52.6



#40

1,2,4,5-Tetrachlorobenzene

Concen: 43.921 ng

RT: 12.369 min Scan# 1578

Delta R.T. 0.000 min

Lab File: BM045753.D

Acq: 23 May 2024 14:48

Tgt Ion:216 Resp: 1023983

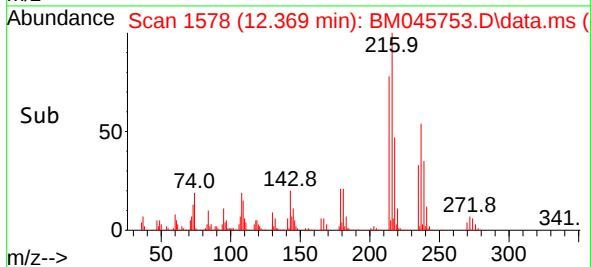
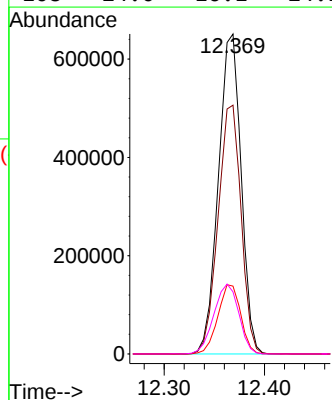
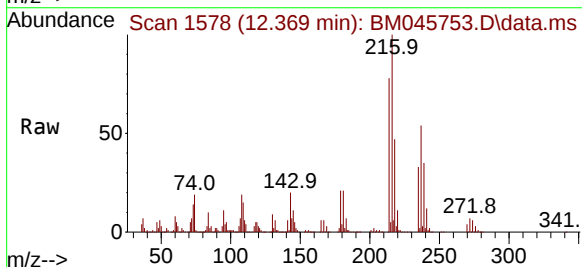
Ion Ratio Lower Upper

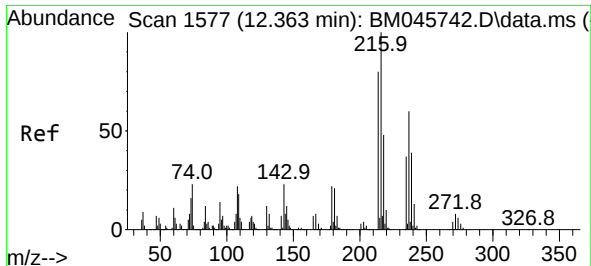
216 100

214 78.7 62.6 94.0

179 21.7 17.4 26.2

108 24.0 16.1 24.1

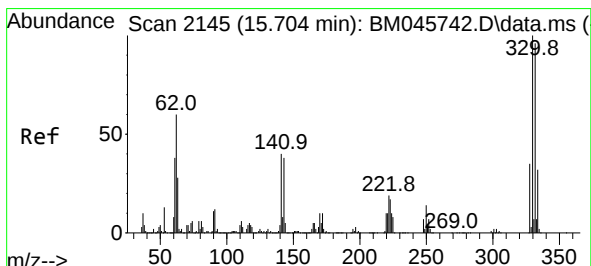
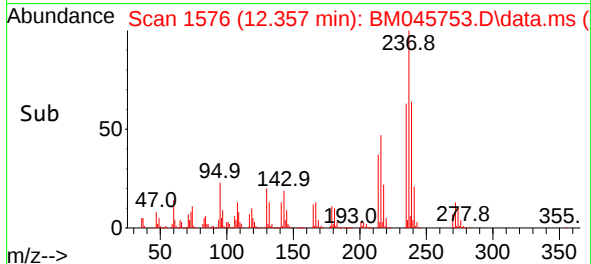
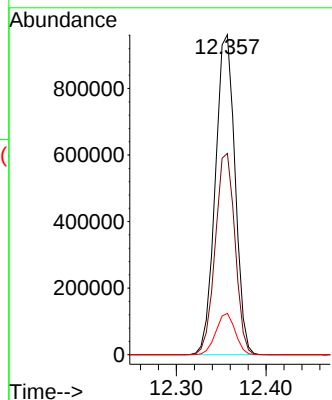
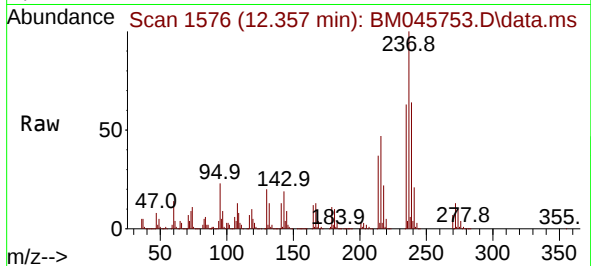




#41
Hexachlorocyclopentadiene
Concen: 150.219 ng
RT: 12.357 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM045753.D
Acq: 23 May 2024 14:48

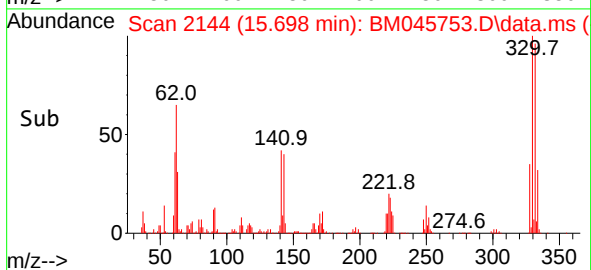
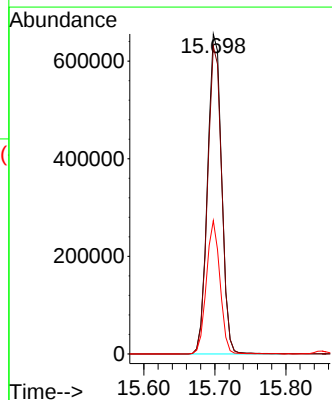
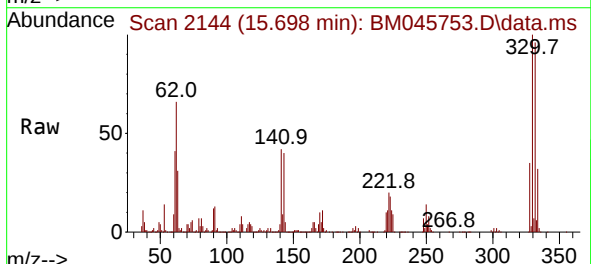
Instrument :
BNA_M
ClientSampleId :
PB160904BS

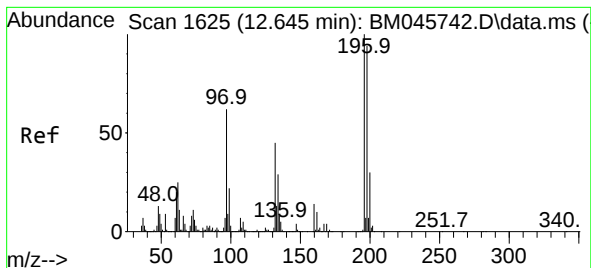
Tgt Ion:237 Resp: 1465815
Ion Ratio Lower Upper
237 100
235 62.9 41.8 81.8
272 12.9 0.0 32.9



#42
2,4,6-Tribromophenol
Concen: 94.333 ng
RT: 15.698 min Scan# 2144
Delta R.T. -0.006 min
Lab File: BM045753.D
Acq: 23 May 2024 14:48

Tgt Ion:330 Resp: 903271
Ion Ratio Lower Upper
330 100
332 96.5 77.2 115.8
141 40.3 32.2 48.4





#43

2,4,6-Trichlorophenol

Concen: 49.543 ng

RT: 12.645 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM045753.D

Acq: 23 May 2024 14:48

Instrument :

BNA_M

ClientSampleId :

PB160904BS

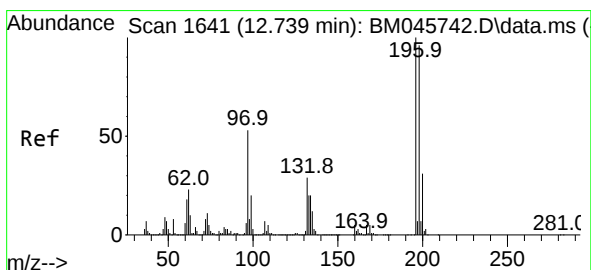
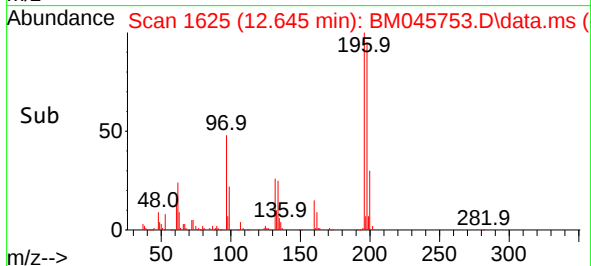
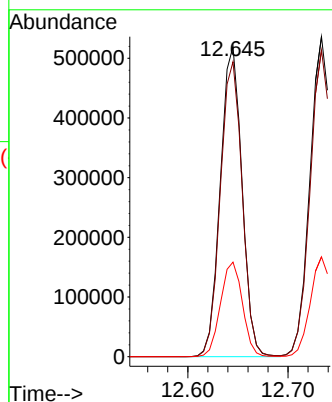
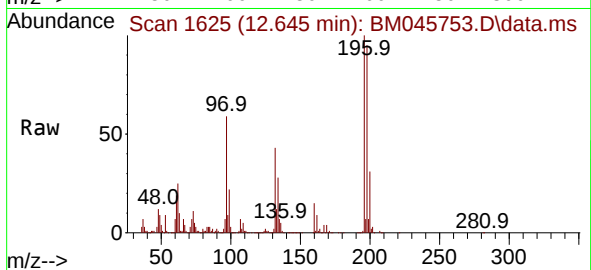
Tgt Ion:196 Resp: 779522

Ion Ratio Lower Upper

196 100

198 95.1 75.4 113.0

200 30.5 24.3 36.5



#44

2,4,5-Trichlorophenol

Concen: 47.501 ng

RT: 12.733 min Scan# 1640

Delta R.T. -0.006 min

Lab File: BM045753.D

Acq: 23 May 2024 14:48

Tgt Ion:196 Resp: 831834

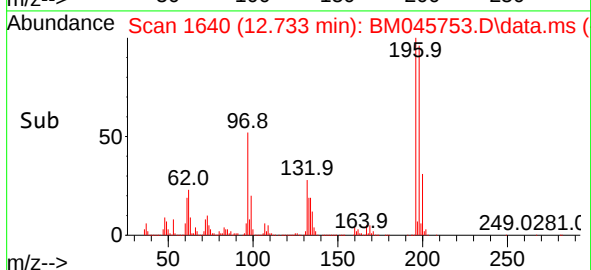
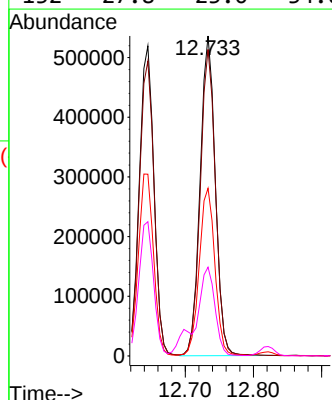
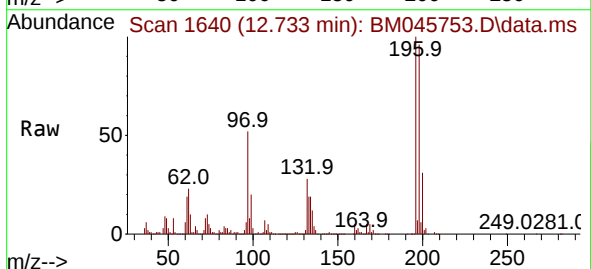
Ion Ratio Lower Upper

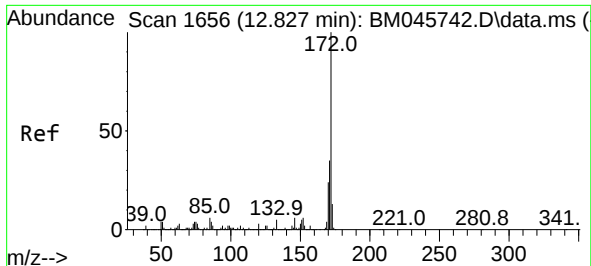
196 100

198 95.8 77.2 115.8

97 52.4 42.6 64.0

132 27.8 23.0 34.6

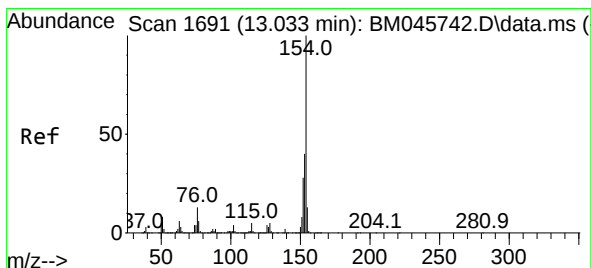
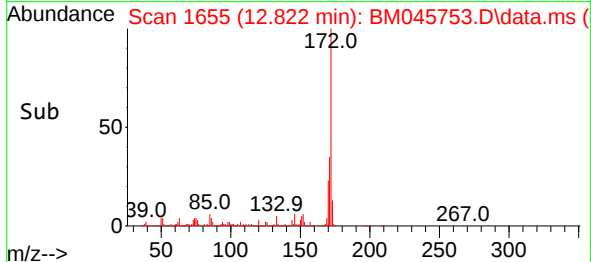
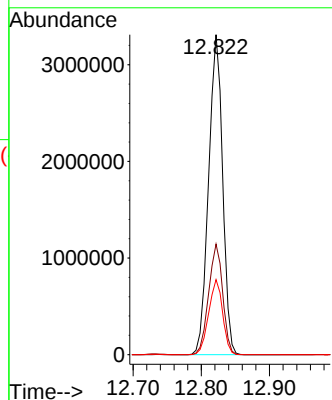
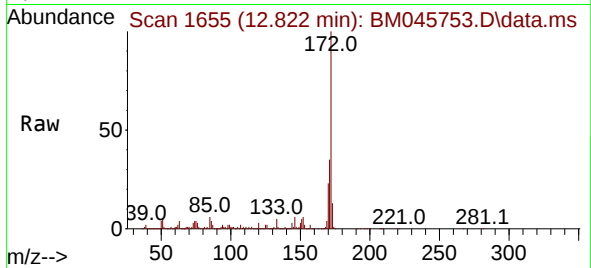




#45
2-Fluorobiphenyl
Concen: 84.193 ng
RT: 12.822 min Scan# 1656
Delta R.T. -0.006 min
Lab File: BM045753.D
Acq: 23 May 2024 14:48

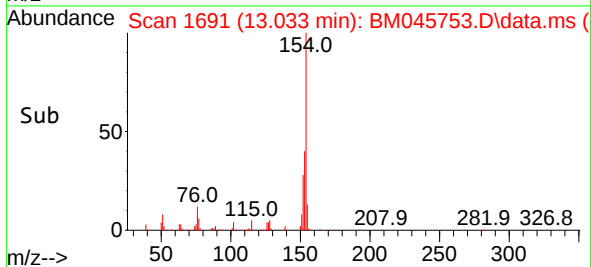
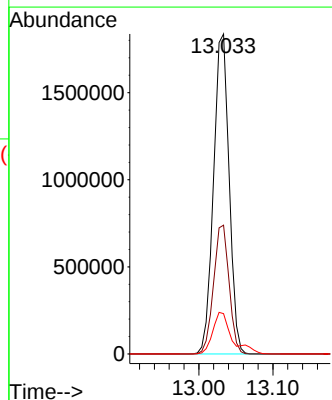
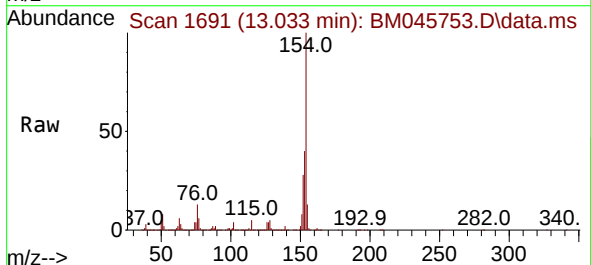
Instrument :
BNA_M
ClientSampleId :
PB160904BS

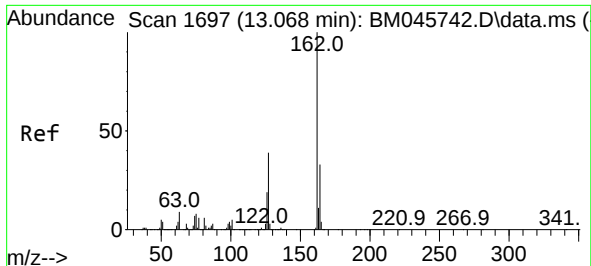
Tgt Ion:172 Resp: 4735700
Ion Ratio Lower Upper
172 100
171 34.6 27.9 41.9
170 23.5 18.8 28.2



#46
1,1'-Biphenyl
Concen: 43.935 ng
RT: 13.033 min Scan# 1691
Delta R.T. 0.000 min
Lab File: BM045753.D
Acq: 23 May 2024 14:48

Tgt Ion:154 Resp: 2677308
Ion Ratio Lower Upper
154 100
153 40.3 19.8 59.8
76 12.6 0.0 33.0

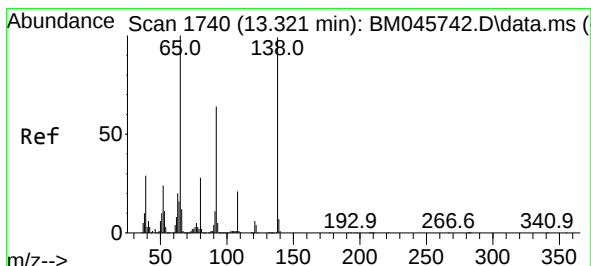
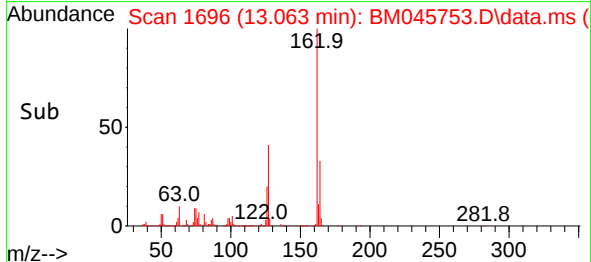
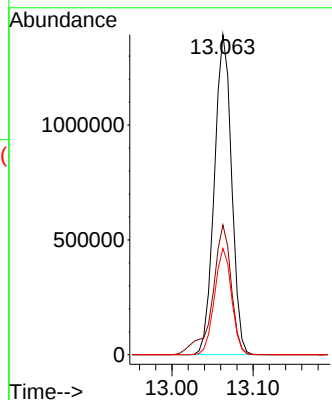
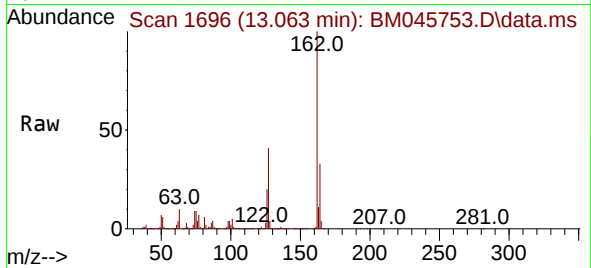




#47
2-Chloronaphthalene
Concen: 43.146 ng
RT: 13.063 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM045753.D
Acq: 23 May 2024 14:48

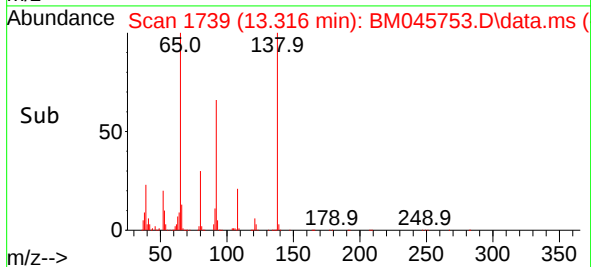
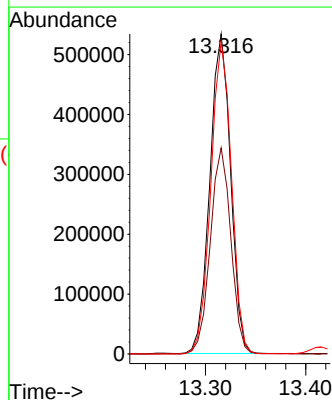
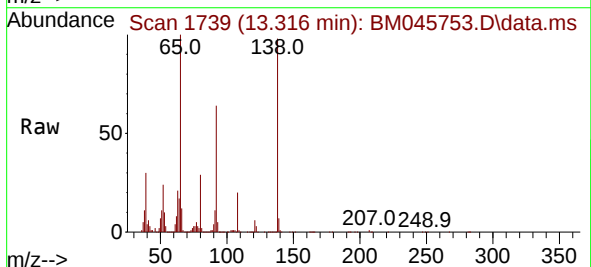
Instrument :
BNA_M
ClientSampleId :
PB160904BS

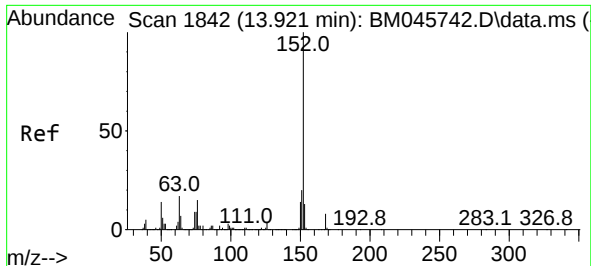
Tgt Ion:162 Resp: 2057666
Ion Ratio Lower Upper
162 100
127 40.5 31.7 47.5
164 33.2 26.2 39.2



#48
2-Nitroaniline
Concen: 51.023 ng
RT: 13.316 min Scan# 1739
Delta R.T. -0.005 min
Lab File: BM045753.D
Acq: 23 May 2024 14:48

Tgt Ion: 65 Resp: 767803
Ion Ratio Lower Upper
65 100
92 64.4 50.8 76.2
138 97.7 79.4 119.2

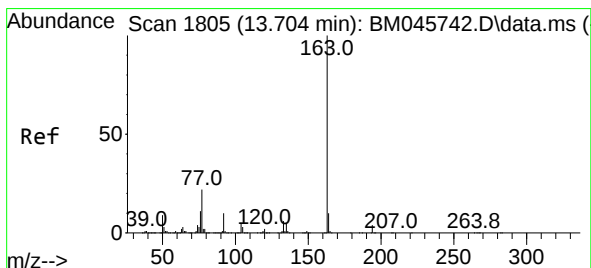
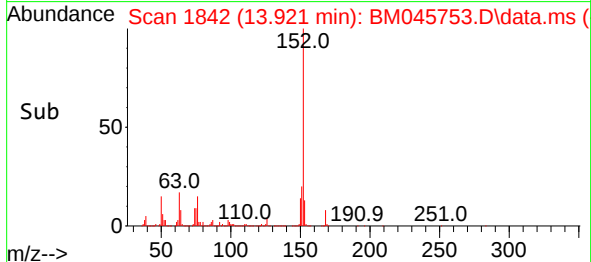
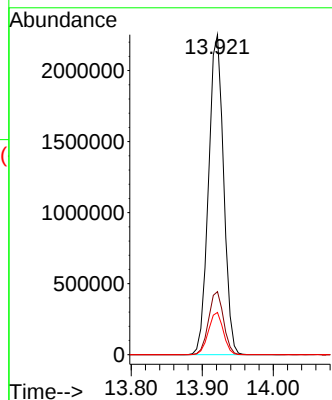
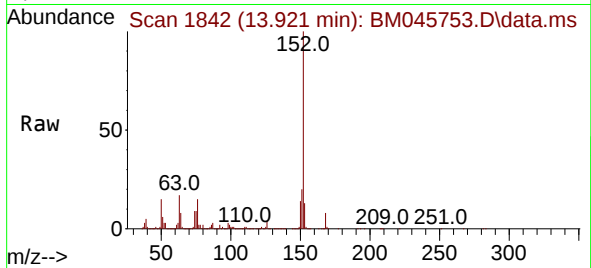




#49
Acenaphthylene
Concen: 45.850 ng
RT: 13.921 min Scan# 1842
Delta R.T. 0.000 min
Lab File: BM045753.D
Acq: 23 May 2024 14:48

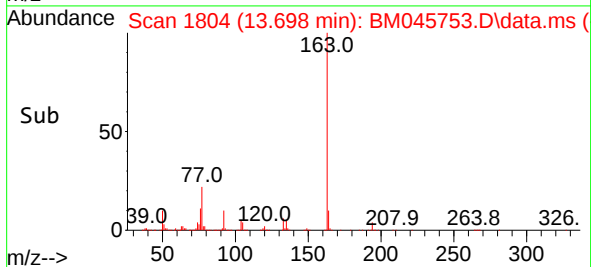
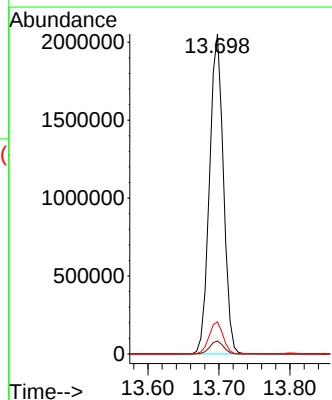
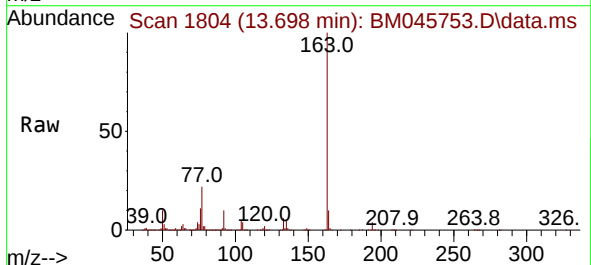
Instrument :
BNA_M
ClientSampleId :
PB160904BS

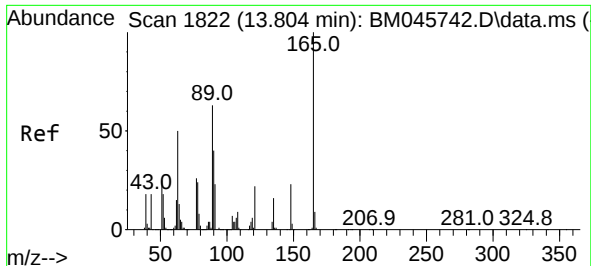
Tgt Ion:152 Resp: 3315625
Ion Ratio Lower Upper
152 100
151 19.7 15.7 23.5
153 13.2 10.5 15.7



#50
Dimethylphthalate
Concen: 45.662 ng
RT: 13.698 min Scan# 1804
Delta R.T. -0.006 min
Lab File: BM045753.D
Acq: 23 May 2024 14:48

Tgt Ion:163 Resp: 2792320
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 10.0 8.1 12.1

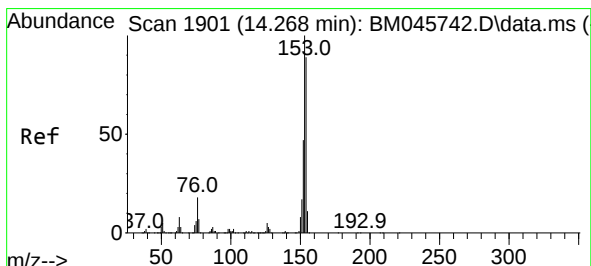
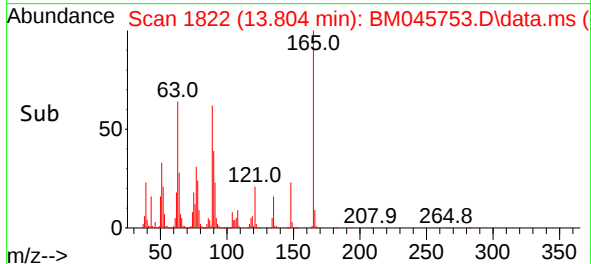
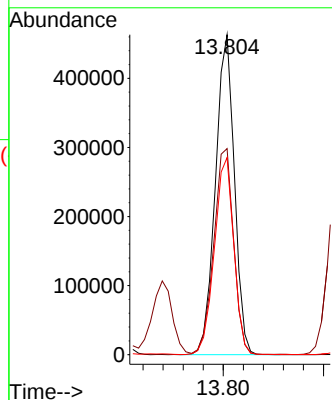
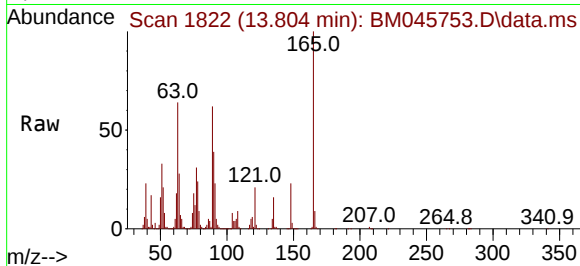




#51
2,6-Dinitrotoluene
Concen: 46.273 ng
RT: 13.804 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM045753.D
Acq: 23 May 2024 14:48

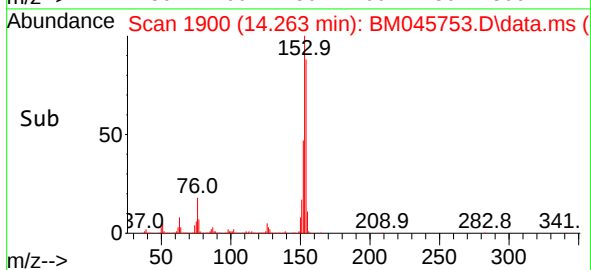
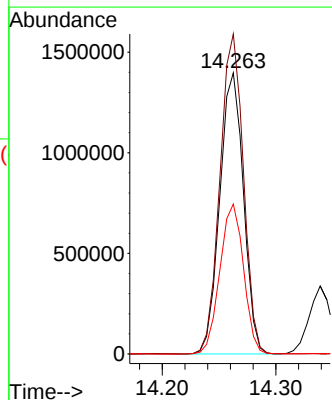
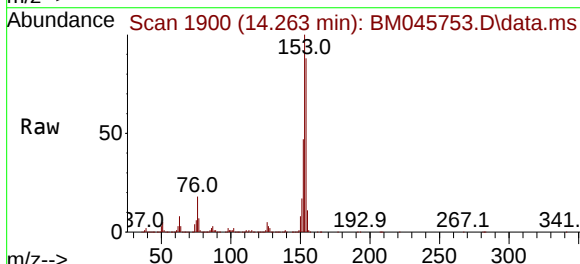
Instrument :
BNA_M
ClientSampleId :
PB160904BS

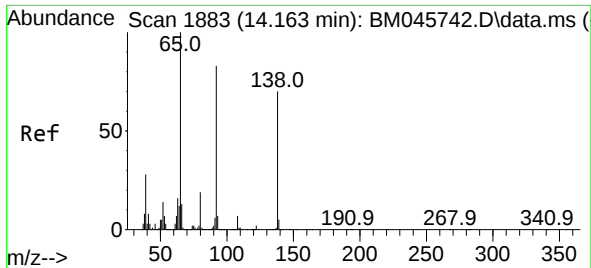
Tgt Ion:165 Resp: 607317
Ion Ratio Lower Upper
165 100
63 64.4 53.8 80.8
89 61.6 50.6 75.8



#52
Acenaphthene
Concen: 44.635 ng
RT: 14.263 min Scan# 1900
Delta R.T. -0.005 min
Lab File: BM045753.D
Acq: 23 May 2024 14:48

Tgt Ion:154 Resp: 2023354
Ion Ratio Lower Upper
154 100
153 113.9 89.7 134.5
152 53.4 42.2 63.2

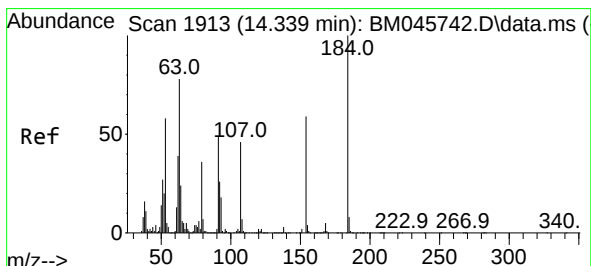
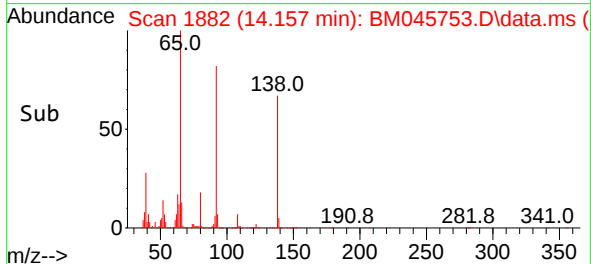
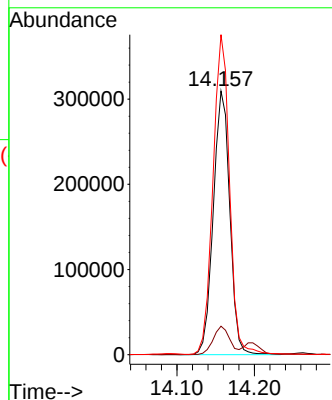
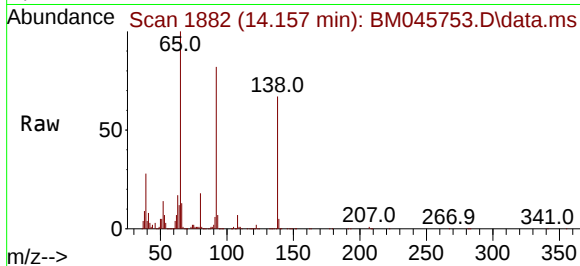




#53
3-Nitroaniline
Concen: 34.258 ng
RT: 14.157 min Scan# 1882
Delta R.T. -0.006 min
Lab File: BM045753.D
Acq: 23 May 2024 14:48

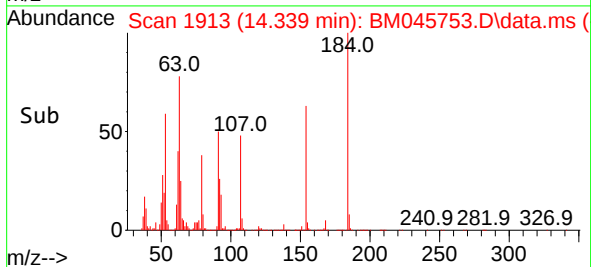
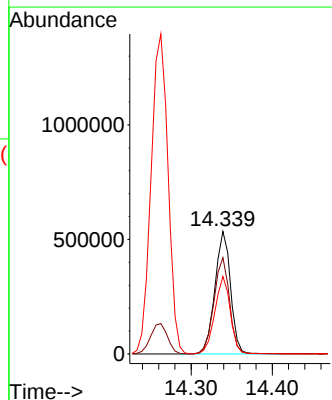
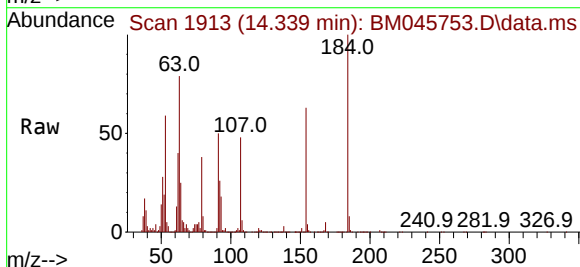
Instrument :
BNA_M
ClientSampleId :
PB160904BS

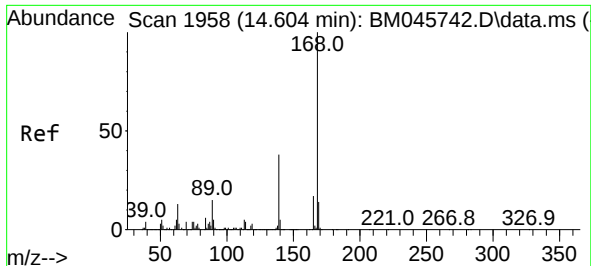
Tgt Ion:138 Resp: 458595
Ion Ratio Lower Upper
138 100
108 10.8 8.6 12.8
92 121.4 94.5 141.7



#54
2,4-Dinitrophenol
Concen: 93.846 ng
RT: 14.339 min Scan# 1913
Delta R.T. 0.000 min
Lab File: BM045753.D
Acq: 23 May 2024 14:48

Tgt Ion:184 Resp: 717068
Ion Ratio Lower Upper
184 100
63 78.5 62.3 93.5
154 63.2 48.1 72.1

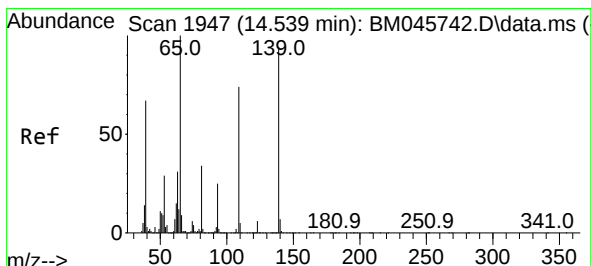
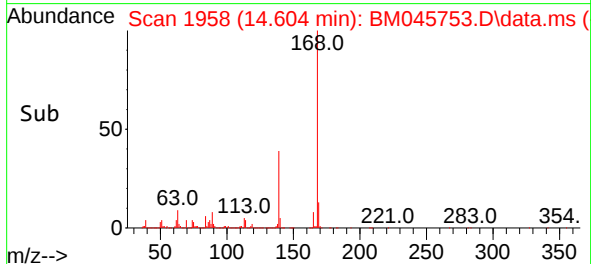
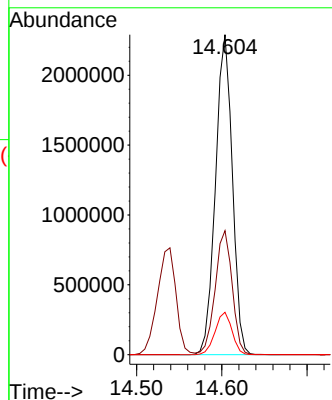
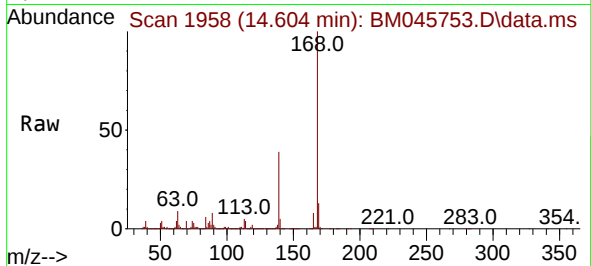




#55
Dibenzofuran
Concen: 44.067 ng
RT: 14.604 min Scan# 1958
Delta R.T. -0.000 min
Lab File: BM045753.D
Acq: 23 May 2024 14:48

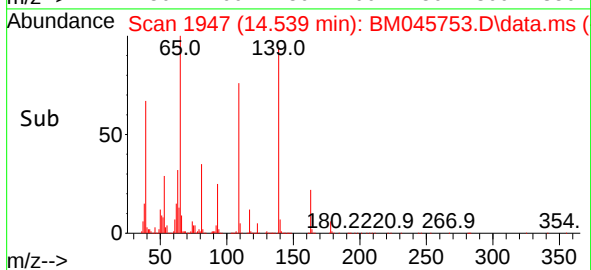
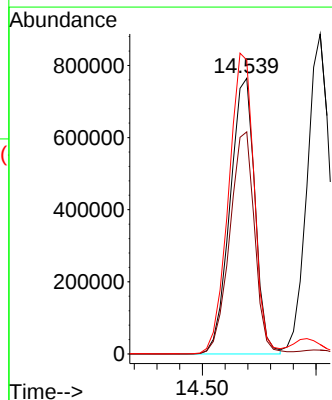
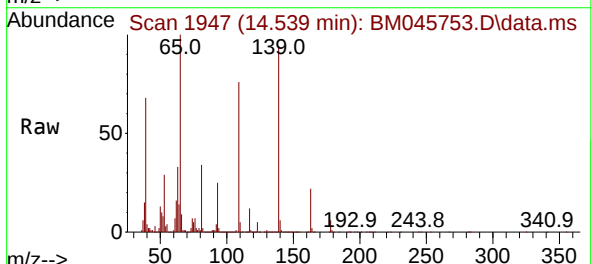
Instrument :
BNA_M
ClientSampleId :
PB160904BS

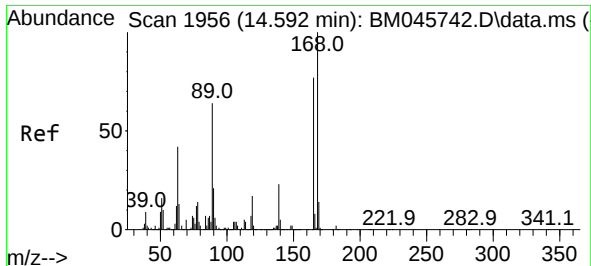
Tgt Ion:168 Resp: 3149084
Ion Ratio Lower Upper
168 100
139 38.7 31.5 47.3
169 13.3 10.9 16.3



#56
4-Nitrophenol
Concen: 102.349 ng
RT: 14.539 min Scan# 1947
Delta R.T. 0.000 min
Lab File: BM045753.D
Acq: 23 May 2024 14:48

Tgt Ion:139 Resp: 1164845
Ion Ratio Lower Upper
139 100
109 80.6 59.6 99.6
65 106.6 87.1 127.1





#57

2,4-Dinitrotoluene

Concen: 46.634 ng

RT: 14.592 min Scan# 1956

Delta R.T. 0.000 min

Lab File: BM045753.D

Acq: 23 May 2024 14:48

Instrument :

BNA_M

ClientSampleId :

PB160904BS

Tgt Ion:165 Resp: 812794

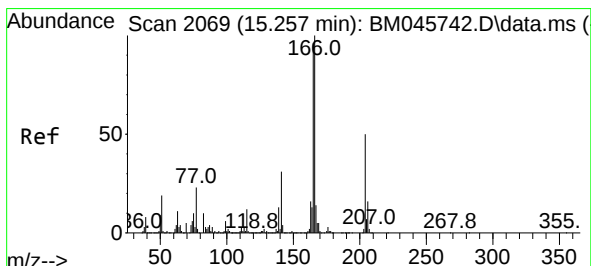
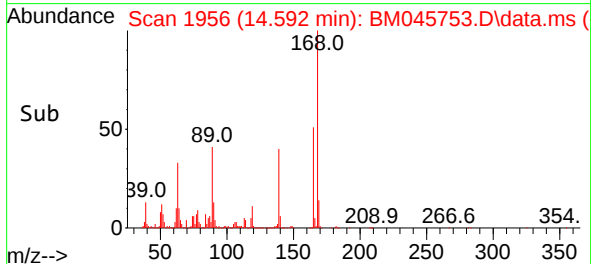
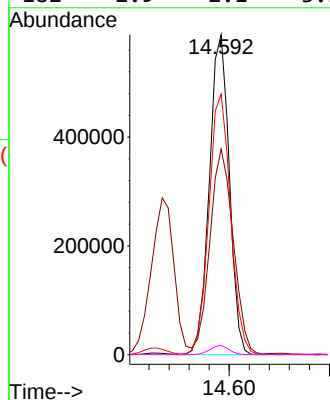
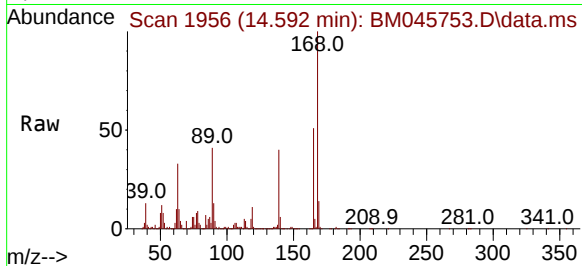
Ion Ratio Lower Upper

165 100

63 64.3 48.7 73.1

89 81.5 66.2 99.4

182 2.9 2.1 3.1



#58

Fluorene

Concen: 43.981 ng

RT: 15.251 min Scan# 2068

Delta R.T. -0.006 min

Lab File: BM045753.D

Acq: 23 May 2024 14:48

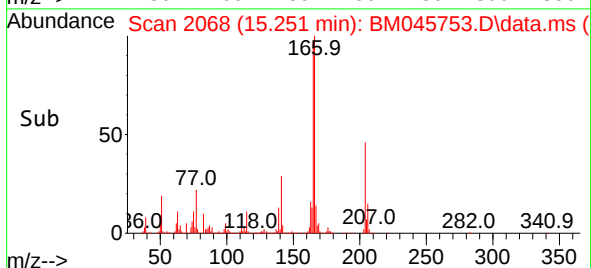
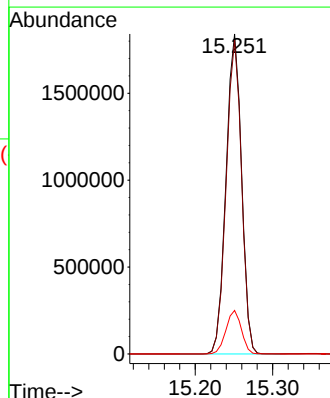
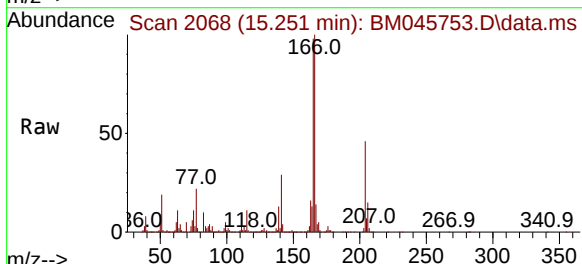
Tgt Ion:166 Resp: 2568814

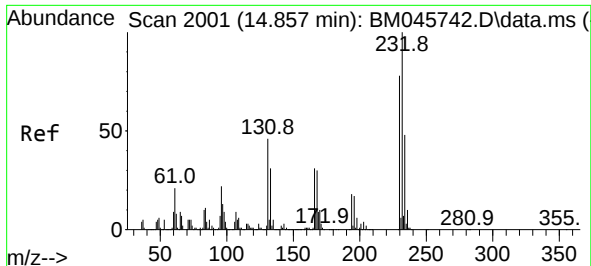
Ion Ratio Lower Upper

166 100

165 98.1 77.0 115.4

167 13.6 10.9 16.3

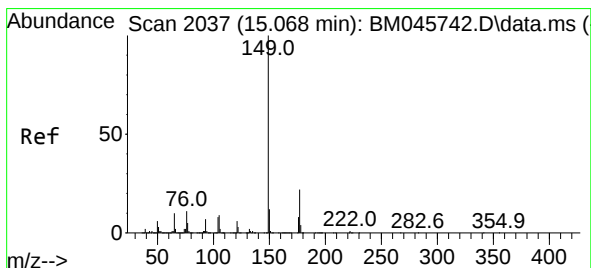
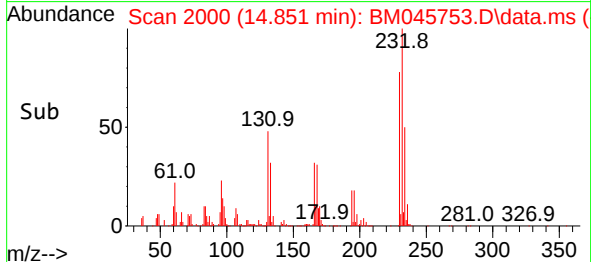
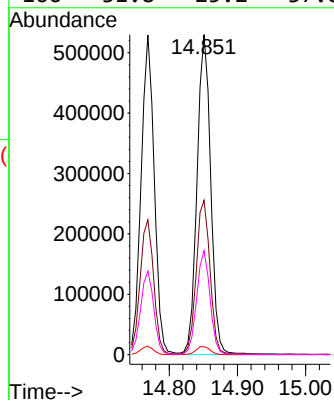
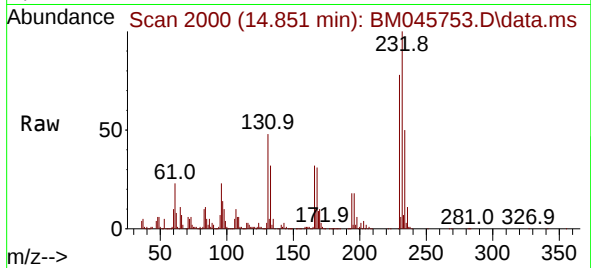




#59
2,3,4,6-Tetrachlorophenol
Concen: 50.363 ng
RT: 14.851 min Scan# 2000
Delta R.T. -0.006 min
Lab File: BM045753.D
Acq: 23 May 2024 14:48

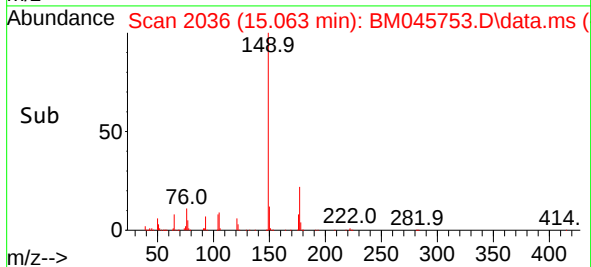
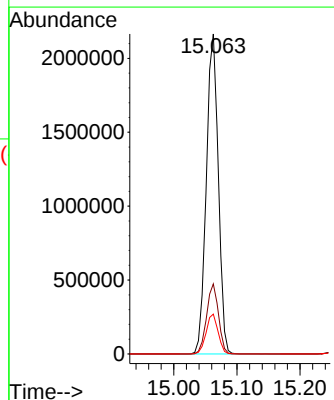
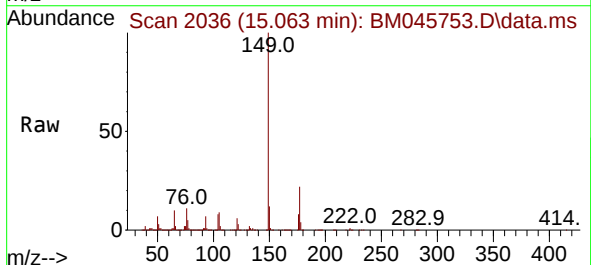
Instrument :
BNA_M
ClientSampleId :
PB160904BS

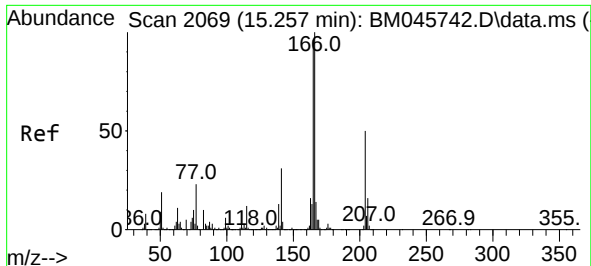
Tgt Ion:232 Resp: 732864
Ion Ratio Lower Upper
232 100
131 48.7 38.9 58.3
130 2.7 2.0 3.0
166 31.8 25.2 37.8



#60
Diethylphthalate
Concen: 44.563 ng
RT: 15.063 min Scan# 2036
Delta R.T. -0.006 min
Lab File: BM045753.D
Acq: 23 May 2024 14:48

Tgt Ion:149 Resp: 2847478
Ion Ratio Lower Upper
149 100
177 21.9 17.5 26.3
150 12.5 9.7 14.5

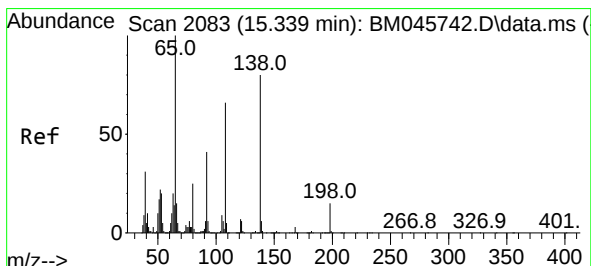
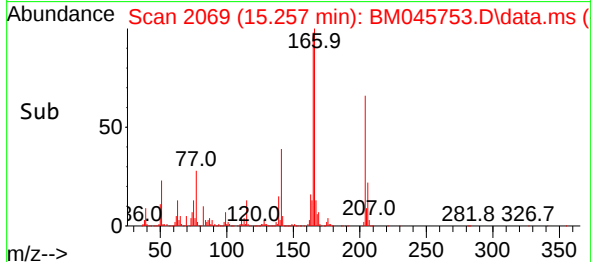
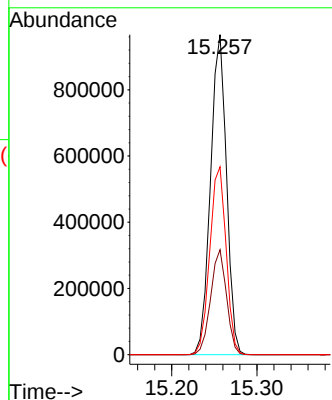
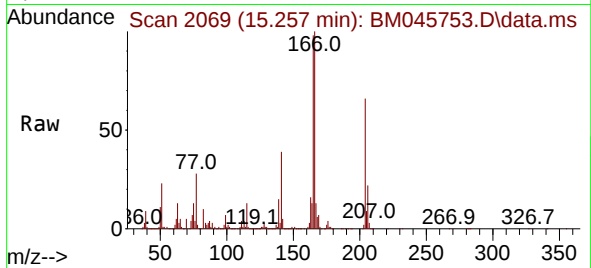




#61
4-Chlorophenyl-phenylether
Concen: 44.070 ng
RT: 15.257 min Scan# 2069
Delta R.T. 0.000 min
Lab File: BM045753.D
Acq: 23 May 2024 14:48

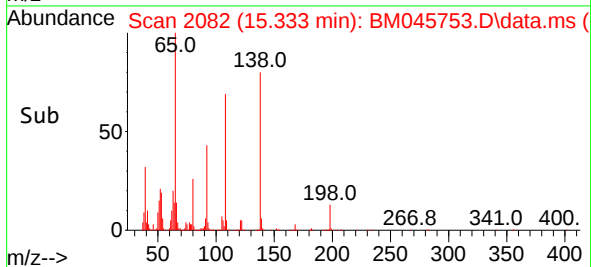
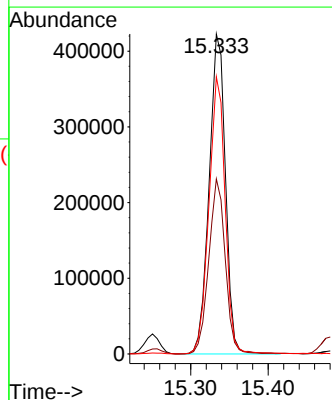
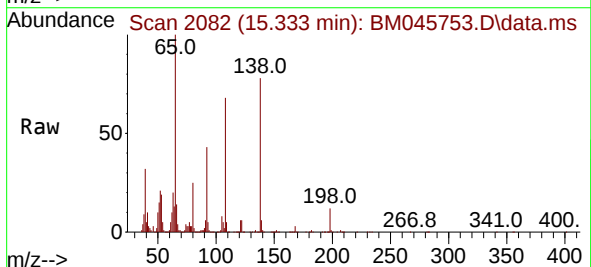
Instrument :
BNA_M
ClientSampleId :
PB160904BS

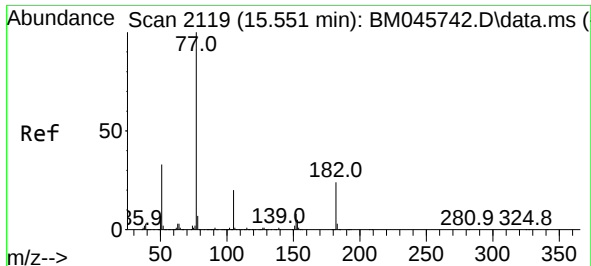
Tgt Ion:204 Resp: 1259652
Ion Ratio Lower Upper
204 100
206 32.8 25.9 38.9
141 58.7 49.8 74.6



#62
4-Nitroaniline
Concen: 46.588 ng
RT: 15.333 min Scan# 2082
Delta R.T. -0.006 min
Lab File: BM045753.D
Acq: 23 May 2024 14:48

Tgt Ion:138 Resp: 619472
Ion Ratio Lower Upper
138 100
92 54.7 32.0 72.0
108 86.6 62.6 102.6

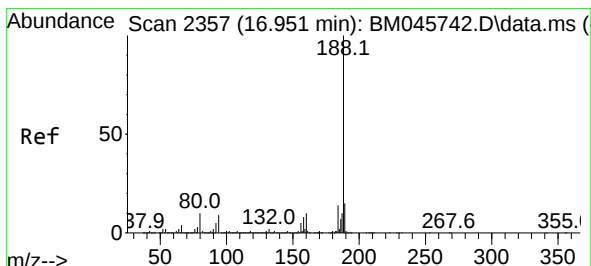
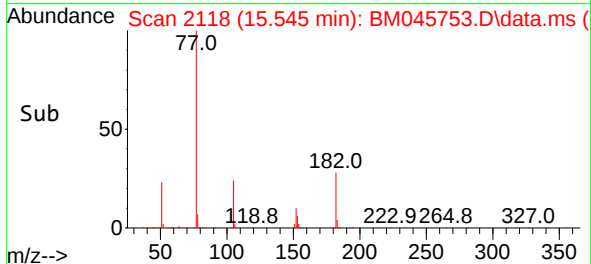
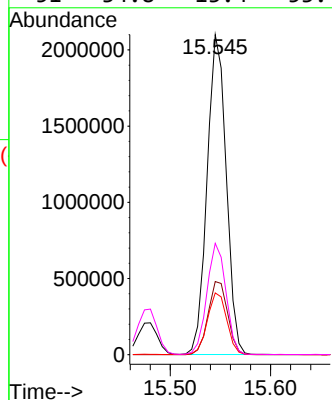
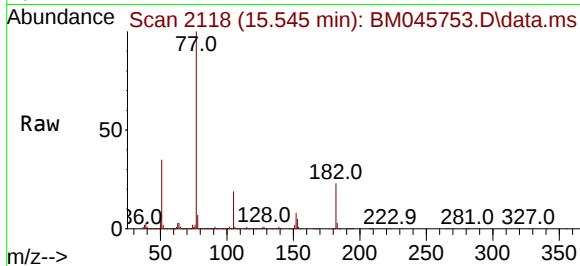




#63
Azobenzene
Concen: 45.035 ng
RT: 15.545 min Scan# 2119
Delta R.T. -0.006 min
Lab File: BM045753.D
Acq: 23 May 2024 14:48

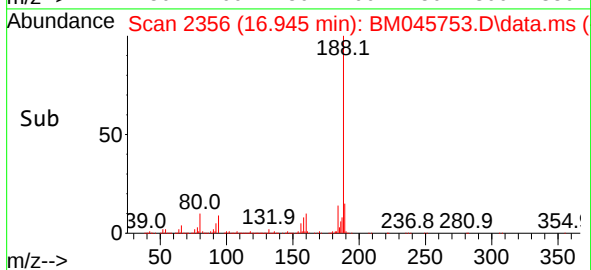
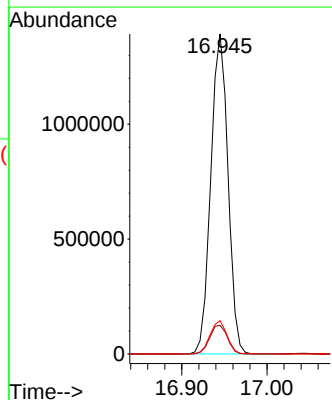
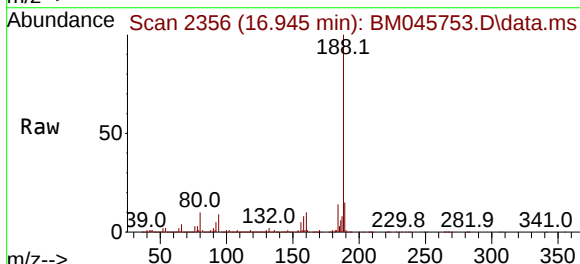
Instrument :
BNA_M
ClientSampleId :
PB160904BS

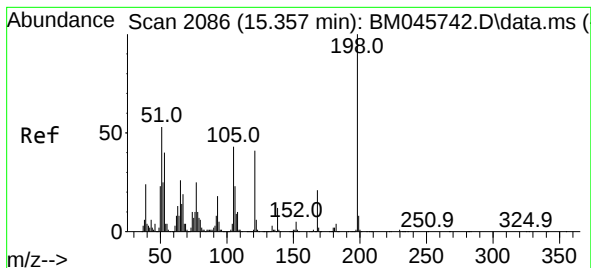
Tgt Ion: 77 Resp: 2788351
Ion Ratio Lower Upper
77 100
182 22.9 3.8 43.8
105 19.3 0.0 39.8
51 34.8 13.4 53.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.945 min Scan# 2356
Delta R.T. -0.006 min
Lab File: BM045753.D
Acq: 23 May 2024 14:48

Tgt Ion: 188 Resp: 1948022
Ion Ratio Lower Upper
188 100
94 9.0 7.0 10.4
80 10.4 7.8 11.6

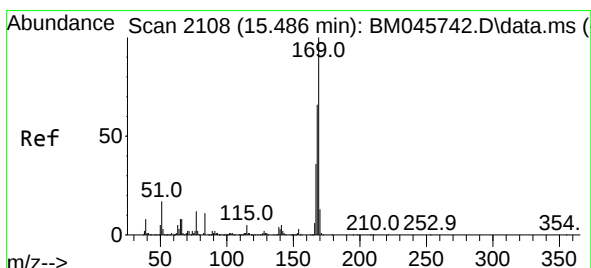
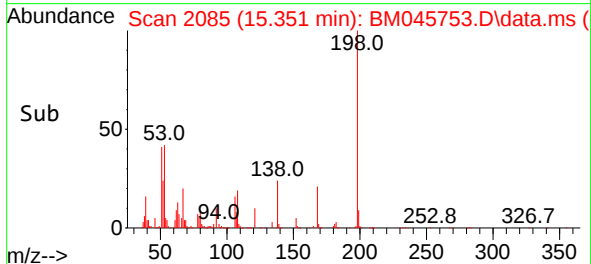
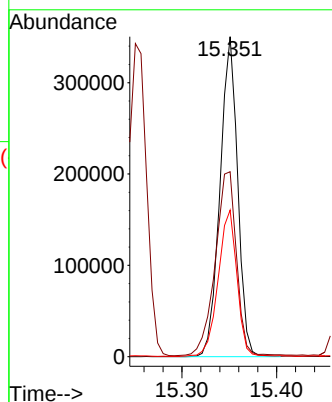
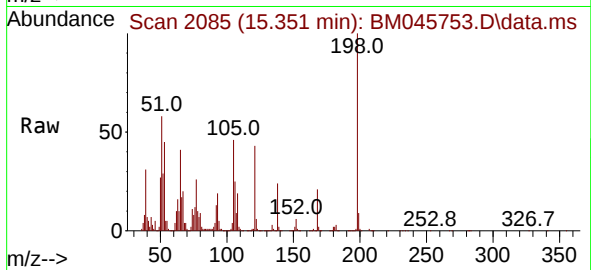




#65
4,6-Dinitro-2-methylphenol
Concen: 46.743 ng
RT: 15.351 min Scan# 2086
Delta R.T. -0.006 min
Lab File: BM045753.D
Acq: 23 May 2024 14:48

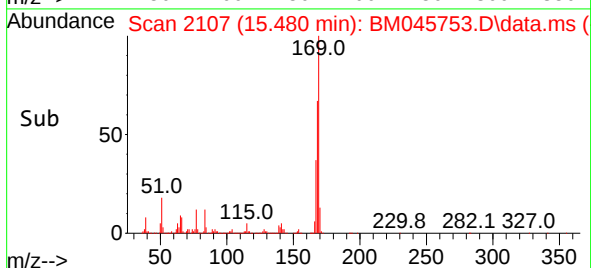
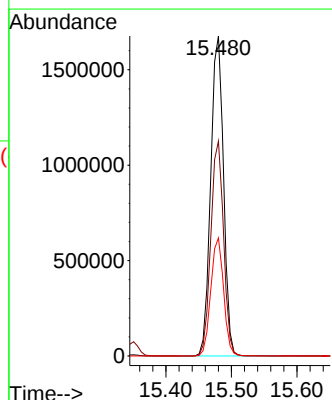
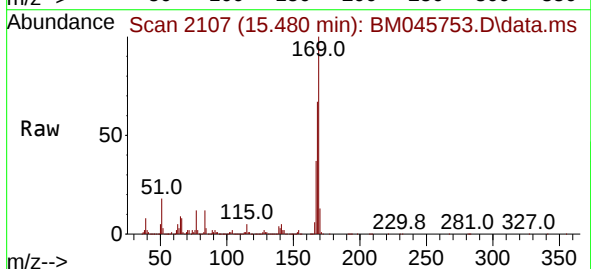
Instrument :
BNA_M
ClientSampleId :
PB160904BS

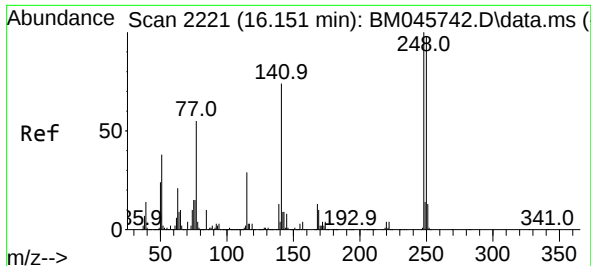
Tgt Ion:198 Resp: 454667
Ion Ratio Lower Upper
198 100
51 57.8 33.3 73.3
105 45.8 23.4 63.4



#66
n-Nitrosodiphenylamine
Concen: 45.641 ng
RT: 15.480 min Scan# 2107
Delta R.T. -0.006 min
Lab File: BM045753.D
Acq: 23 May 2024 14:48

Tgt Ion:169 Resp: 2276191
Ion Ratio Lower Upper
169 100
168 67.2 53.2 79.8
167 36.9 29.0 43.4

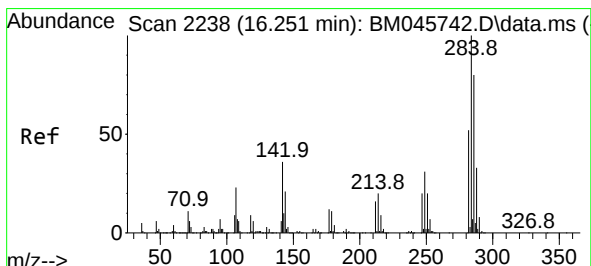
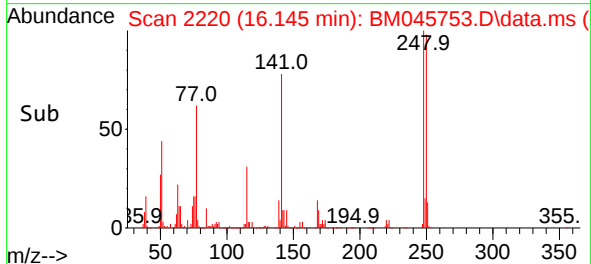
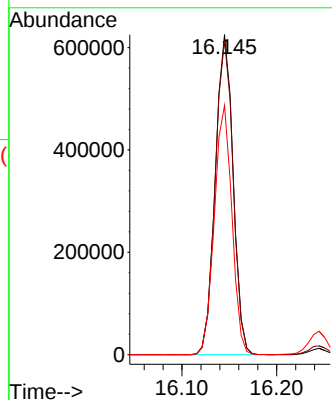
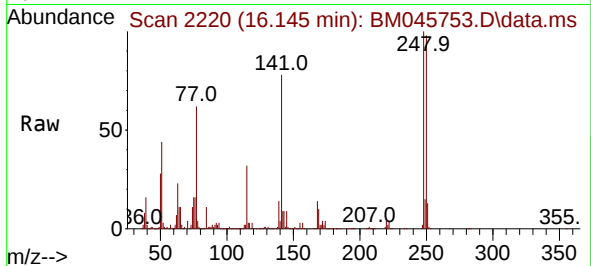




#67
4-Bromophenyl-phenylether
Concen: 44.200 ng
RT: 16.145 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM045753.D
Acq: 23 May 2024 14:48

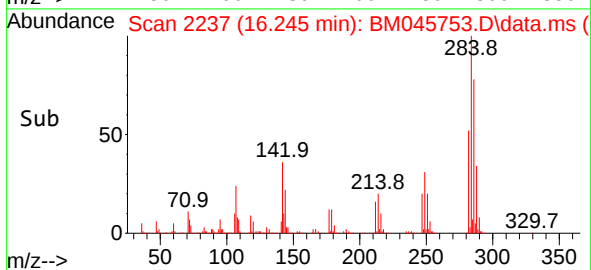
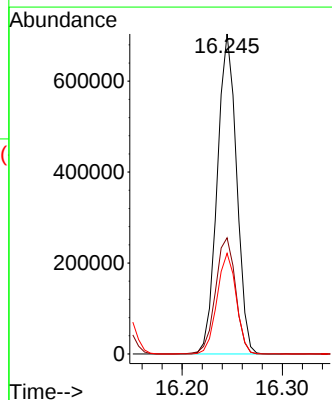
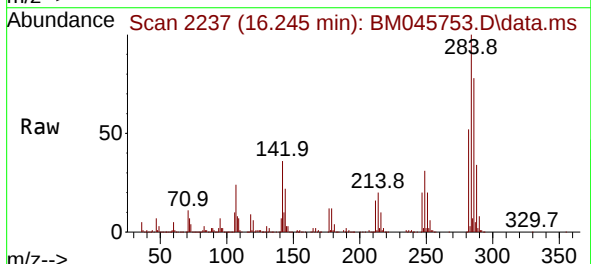
Instrument :
BNA_M
ClientSampleId :
PB160904BS

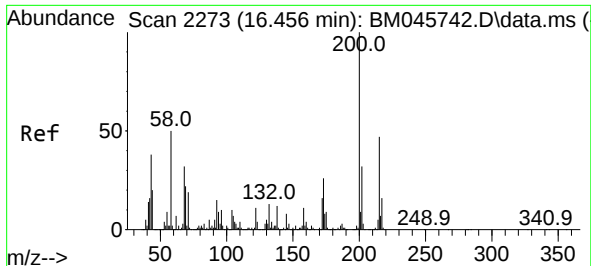
Tgt Ion:248 Resp: 818077
Ion Ratio Lower Upper
248 100
250 98.1 78.1 117.1
141 77.9 59.2 88.8



#68
Hexachlorobenzene
Concen: 42.723 ng
RT: 16.245 min Scan# 2237
Delta R.T. -0.006 min
Lab File: BM045753.D
Acq: 23 May 2024 14:48

Tgt Ion:284 Resp: 941923
Ion Ratio Lower Upper
284 100
142 36.3 28.4 42.6
249 31.5 24.9 37.3

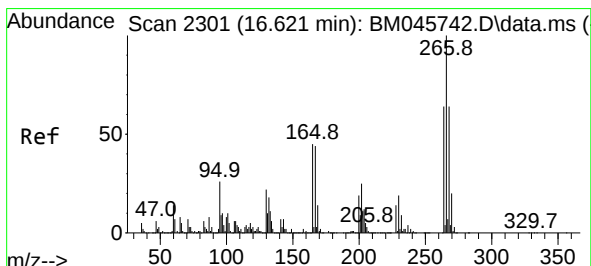
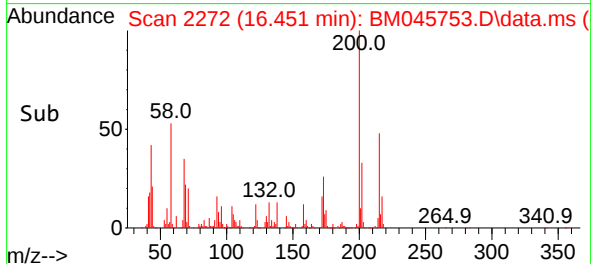
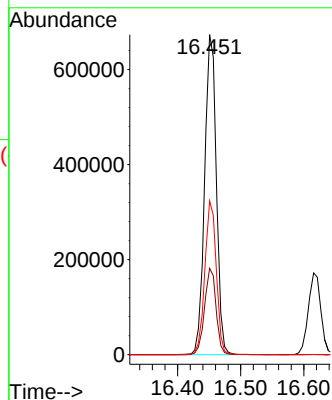
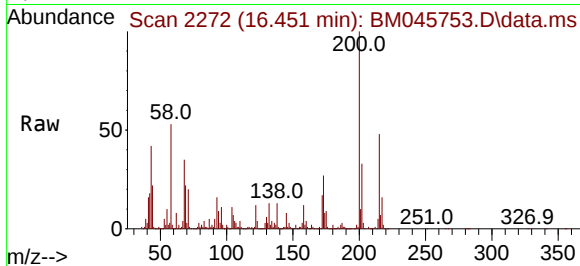




#69
 Atrazine
 Concen: 57.121 ng
 RT: 16.451 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM045753.D
 Acq: 23 May 2024 14:48

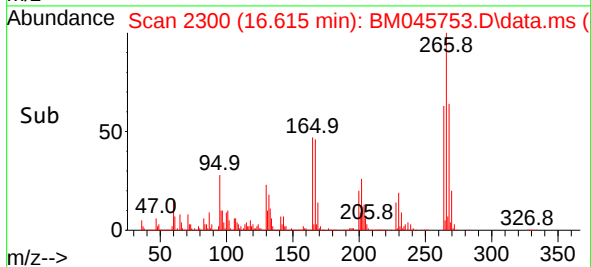
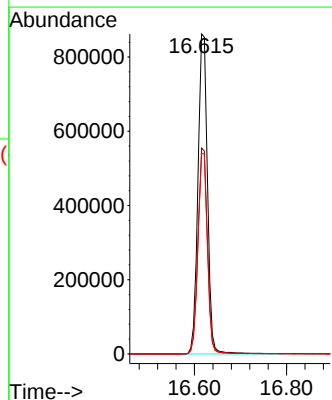
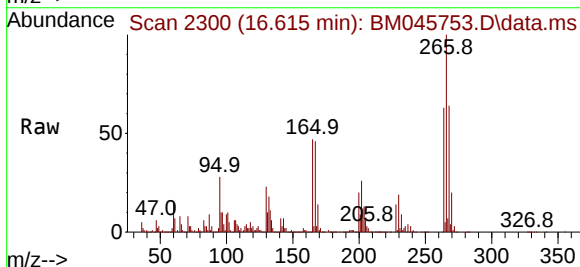
Instrument :
 BNA_M
 ClientSampleId :
 PB160904BS

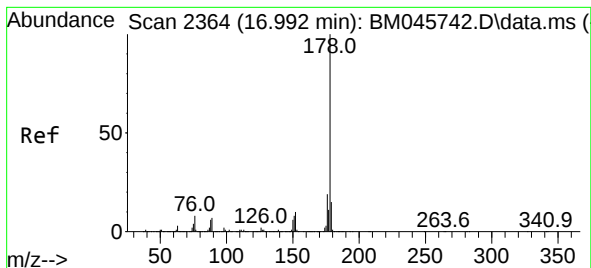
Tgt Ion:200 Resp: 869869
 Ion Ratio Lower Upper
 200 100
 173 27.0 6.2 46.2
 215 48.1 26.6 66.6



#70
 Pentachlorophenol
 Concen: 91.705 ng
 RT: 16.615 min Scan# 2300
 Delta R.T. -0.006 min
 Lab File: BM045753.D
 Acq: 23 May 2024 14:48

Tgt Ion:266 Resp: 1233430
 Ion Ratio Lower Upper
 266 100
 268 64.3 51.0 76.4
 264 62.7 50.9 76.3





#71

Phenanthrene

Concen: 45.275 ng

RT: 16.986 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM045753.D

Acq: 23 May 2024 14:48

Instrument :

BNA_M

ClientSampleId :

PB160904BS

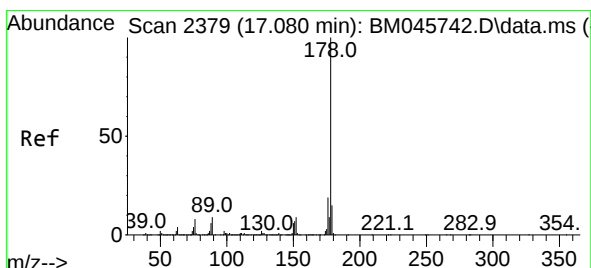
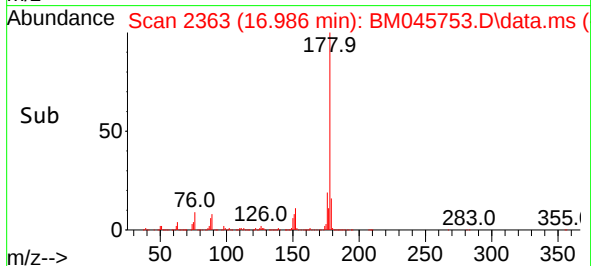
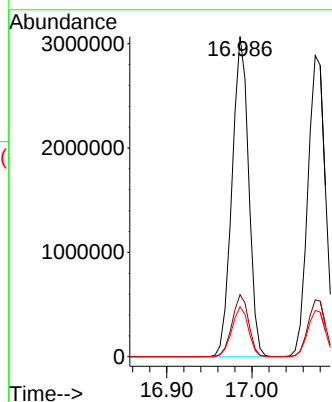
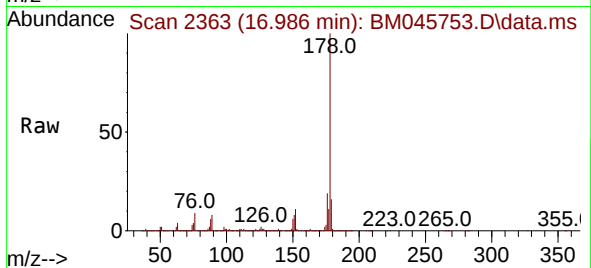
Tgt Ion:178 Resp: 4162805

Ion Ratio Lower Upper

178 100

176 19.4 15.4 23.2

179 15.6 12.2 18.2



#72

Anthracene

Concen: 45.579 ng

RT: 17.074 min Scan# 2378

Delta R.T. -0.006 min

Lab File: BM045753.D

Acq: 23 May 2024 14:48

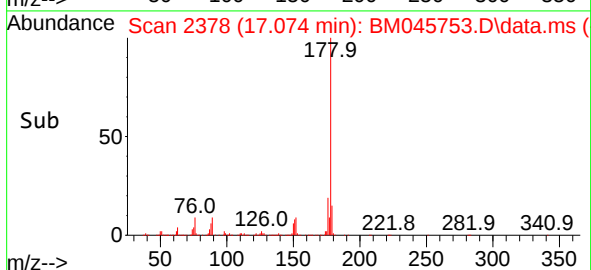
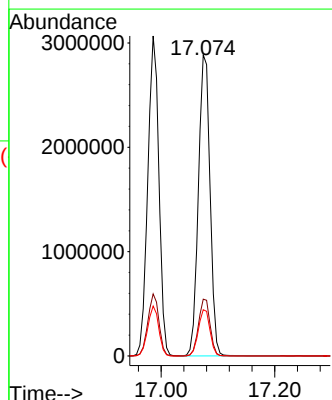
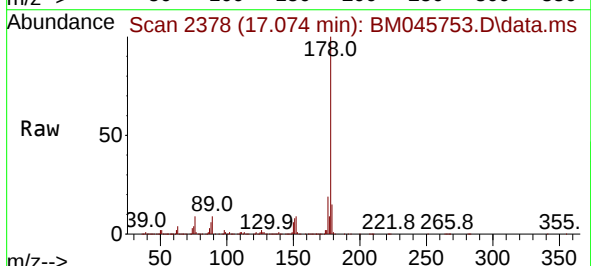
Tgt Ion:178 Resp: 4120202

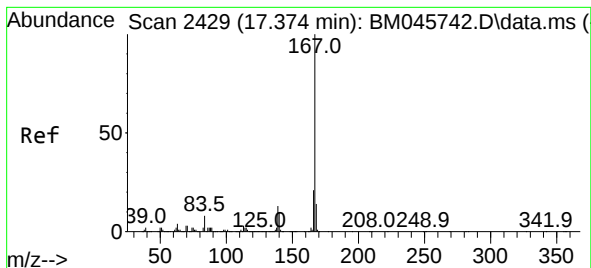
Ion Ratio Lower Upper

178 100

176 18.9 15.0 22.4

179 15.4 12.3 18.5





#73

Carbazole

Concen: 44.198 ng

RT: 17.368 min Scan# 24

Delta R.T. -0.006 min

Lab File: BM045753.D

Acq: 23 May 2024 14:48

Instrument :

BNA_M

ClientSampleId :

PB160904BS

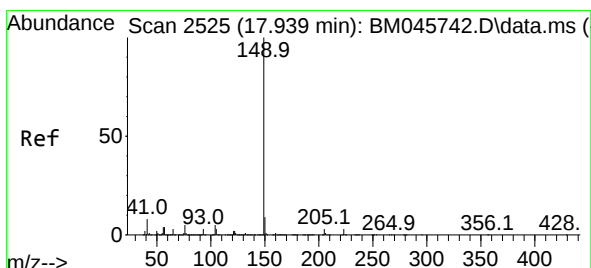
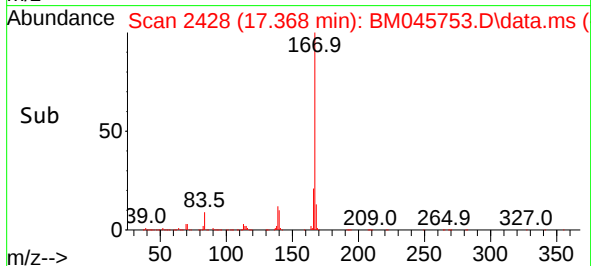
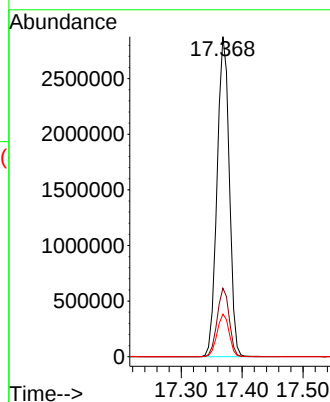
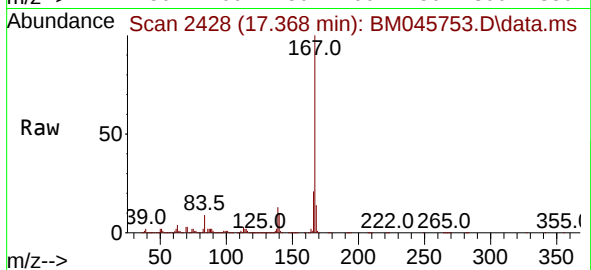
Tgt Ion:167 Resp: 3997911

Ion Ratio Lower Upper

167 100

166 21.4 16.8 25.2

139 13.3 10.5 15.7



#74

Di-n-butylphthalate

Concen: 44.807 ng

RT: 17.933 min Scan# 2524

Delta R.T. -0.006 min

Lab File: BM045753.D

Acq: 23 May 2024 14:48

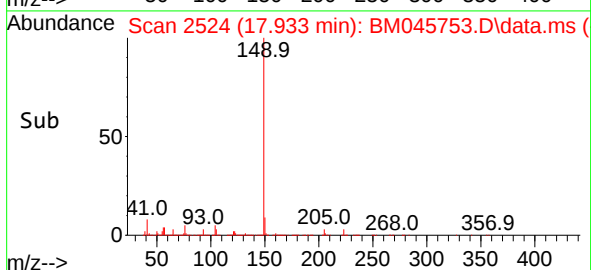
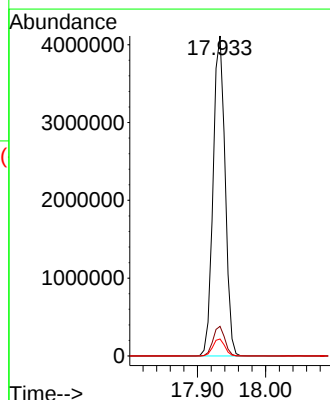
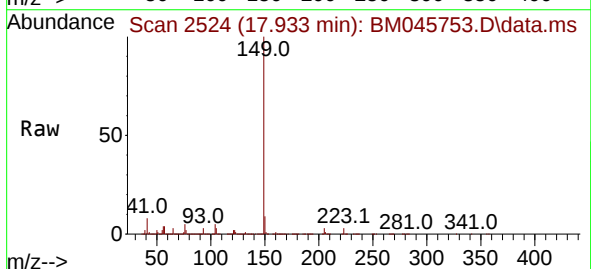
Tgt Ion:149 Resp: 5032745

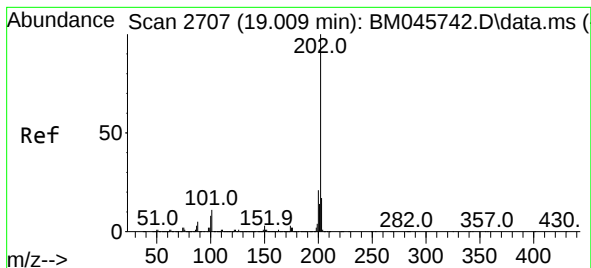
Ion Ratio Lower Upper

149 100

150 9.3 7.3 10.9

104 5.3 4.2 6.2





#75

Fluoranthene

Concen: 42.831 ng

RT: 19.003 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM045753.D

Acq: 23 May 2024 14:48

Instrument :

BNA_M

ClientSampleId :

PB160904BS

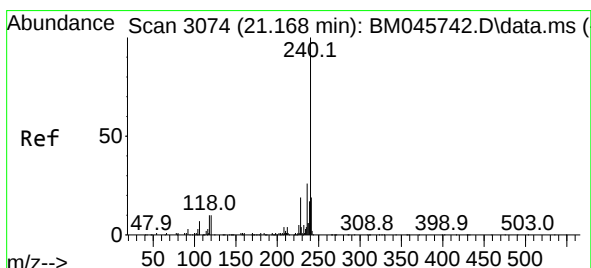
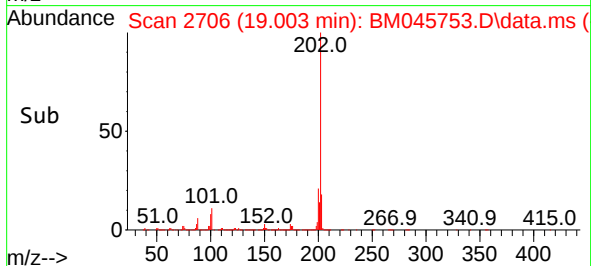
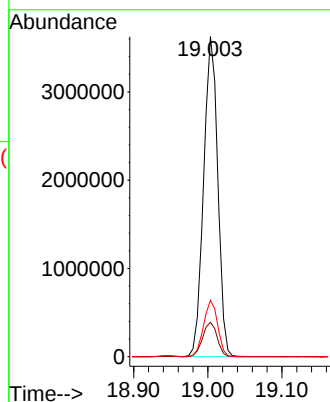
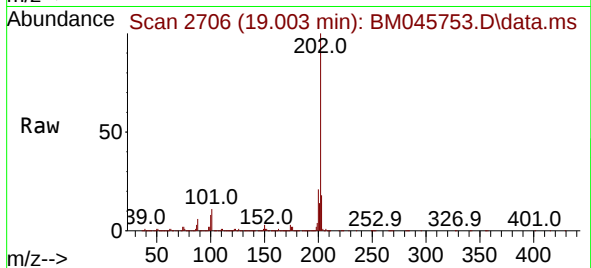
Tgt Ion:202 Resp: 4801844

Ion Ratio Lower Upper

202 100

101 10.7 0.0 30.8

203 17.6 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: BM045753.D

Acq: 23 May 2024 14:48

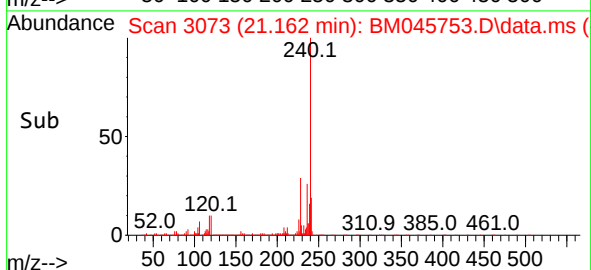
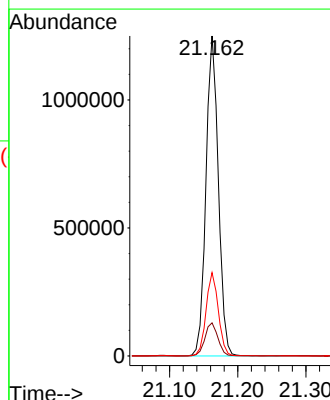
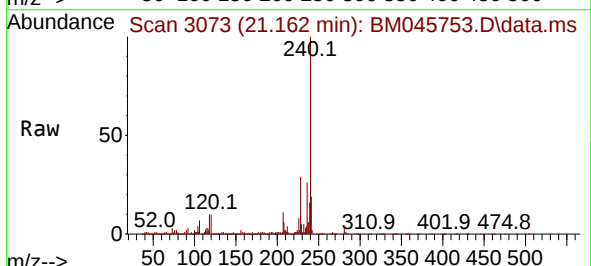
Tgt Ion:240 Resp: 1579335

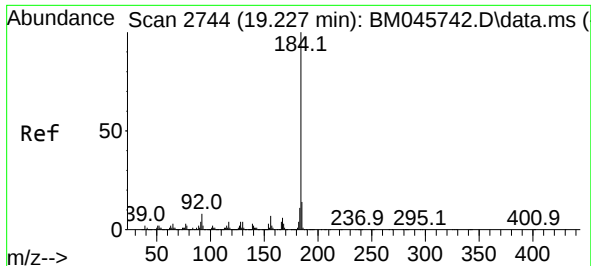
Ion Ratio Lower Upper

240 100

120 10.3 8.3 12.5

236 26.0 20.7 31.1

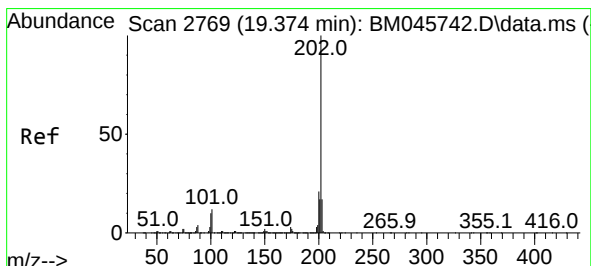
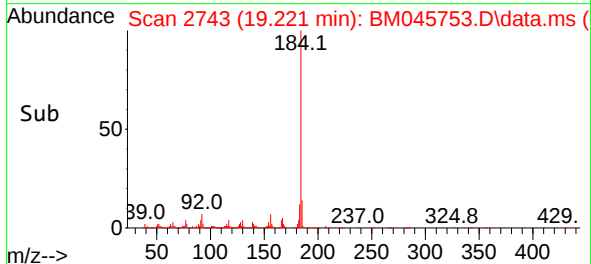
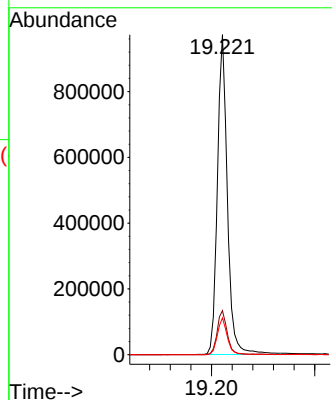
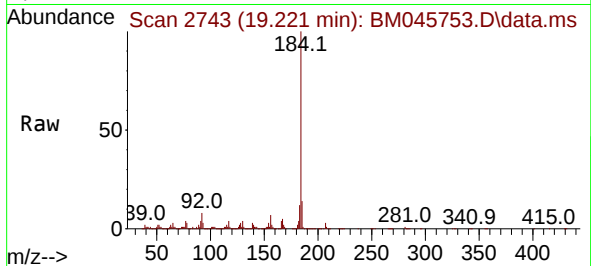




#77
Benzidine
Concen: 48.509 ng
RT: 19.221 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM045753.D
Acq: 23 May 2024 14:48

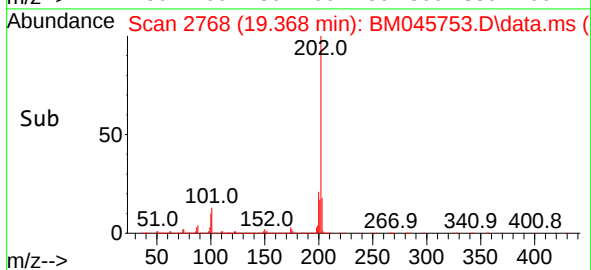
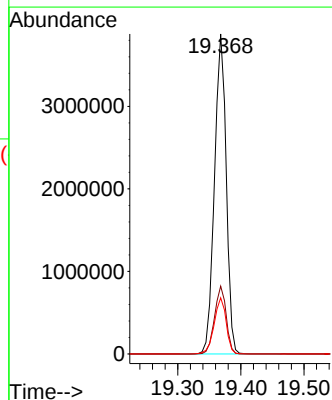
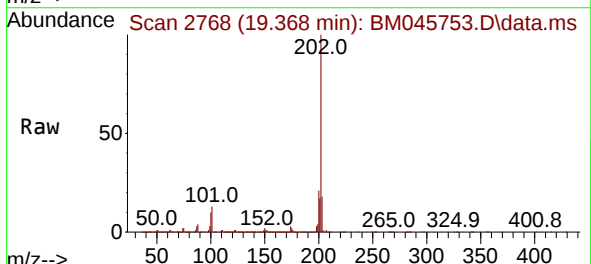
Instrument :
BNA_M
ClientSampleId :
PB160904BS

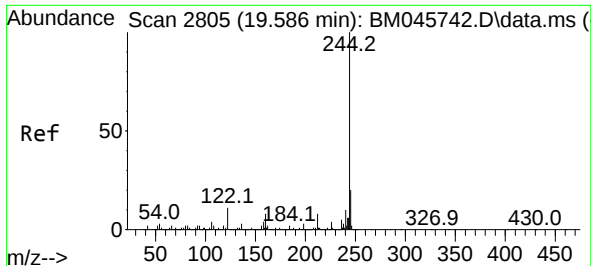
Tgt Ion:184 Resp: 1308252
Ion Ratio Lower Upper
184 100
185 13.8 11.1 16.7
183 11.5 9.0 13.6



#78
Pyrene
Concen: 44.814 ng
RT: 19.368 min Scan# 2768
Delta R.T. -0.006 min
Lab File: BM045753.D
Acq: 23 May 2024 14:48

Tgt Ion:202 Resp: 4992732
Ion Ratio Lower Upper
202 100
200 21.2 16.9 25.3
203 17.5 13.9 20.9

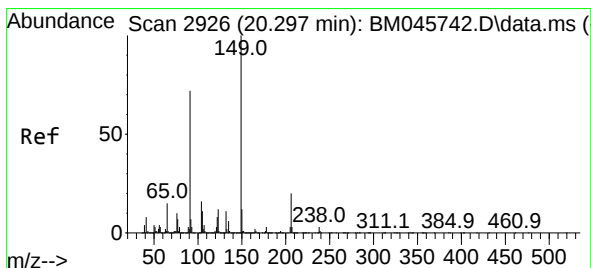
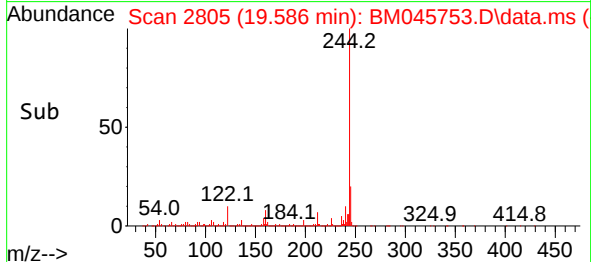
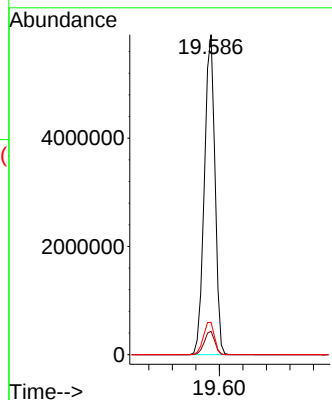
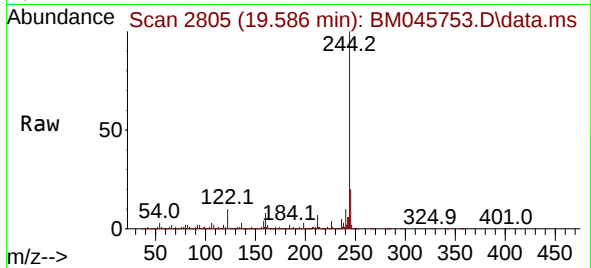




#79
 Terphenyl-d14
 Concen: 85.903 ng
 RT: 19.586 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BM045753.D
 Acq: 23 May 2024 14:48

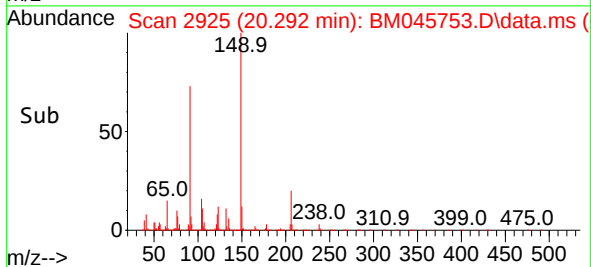
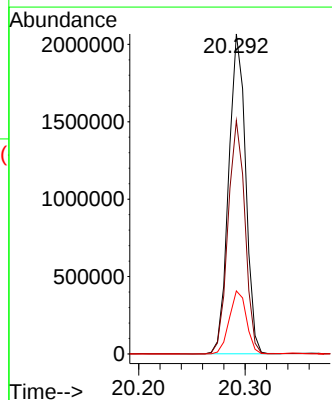
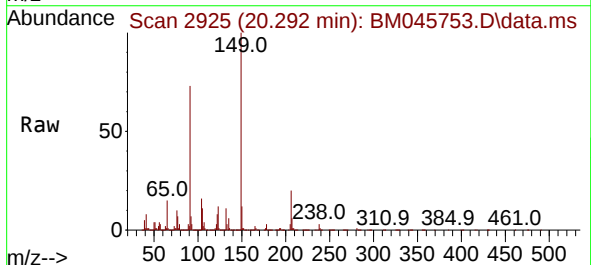
Instrument :
 BNA_M
 ClientSampleId :
 PB160904BS

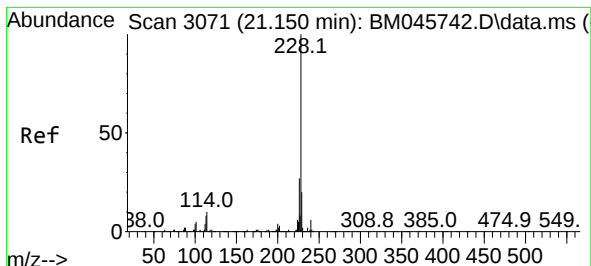
Tgt Ion:244 Resp: 7371200
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.0 9.0
 122 10.1 8.6 12.8



#80
 Butylbenzylphthalate
 Concen: 47.091 ng
 RT: 20.292 min Scan# 2925
 Delta R.T. -0.006 min
 Lab File: BM045753.D
 Acq: 23 May 2024 14:48

Tgt Ion:149 Resp: 2272533
 Ion Ratio Lower Upper
 149 100
 91 72.9 57.3 85.9
 206 19.7 16.2 24.2





#81

Benzo(a)anthracene

Concen: 45.372 ng

RT: 21.145 min Scan# 3071

Delta R.T. -0.006 min

Lab File: BM045753.D

Acq: 23 May 2024 14:48

Instrument :

BNA_M

ClientSampleId :

PB160904BS

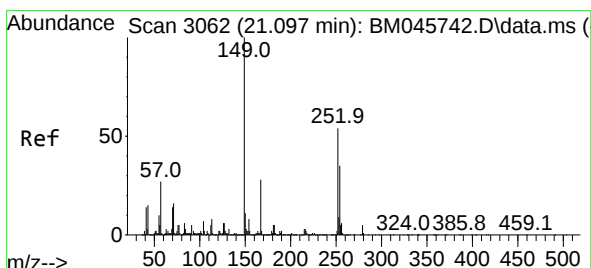
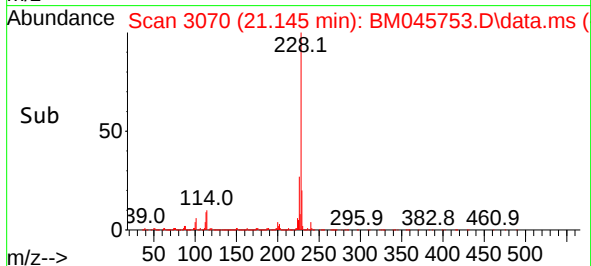
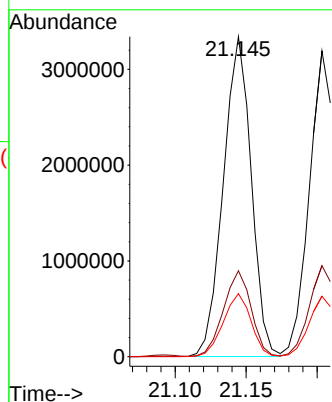
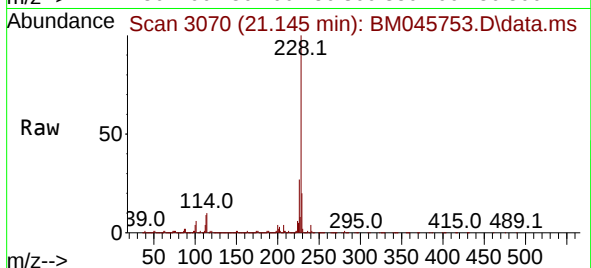
Tgt Ion:228 Resp: 4564027

Ion Ratio Lower Upper

228 100

226 26.9 21.6 32.4

229 19.7 15.7 23.5



#82

3,3'-Dichlorobenzidine

Concen: 39.926 ng

RT: 21.092 min Scan# 3061

Delta R.T. -0.006 min

Lab File: BM045753.D

Acq: 23 May 2024 14:48

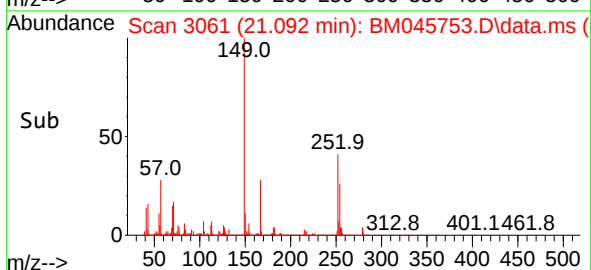
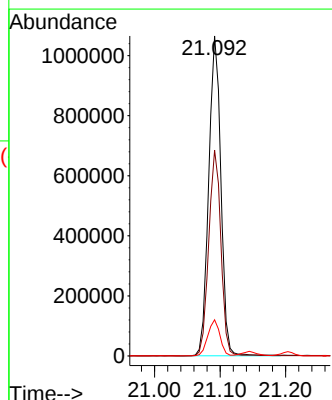
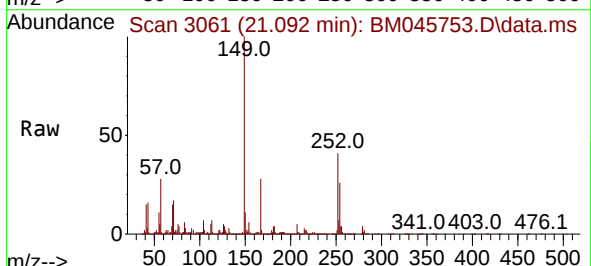
Tgt Ion:252 Resp: 1376365

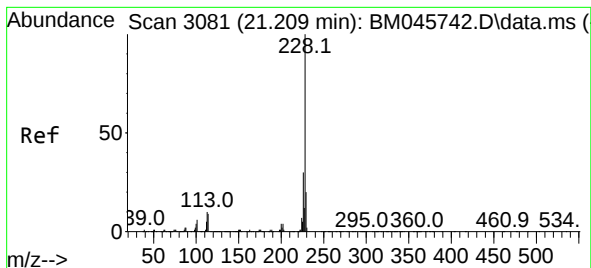
Ion Ratio Lower Upper

252 100

254 64.4 51.4 77.2

126 11.3 8.7 13.1





#83

Chrysene

Concen: 44.111 ng

RT: 21.203 min Scan# 3081

Delta R.T. -0.006 min

Lab File: BM045753.D

Acq: 23 May 2024 14:48

Instrument :

BNA_M

ClientSampleId :

PB160904BS

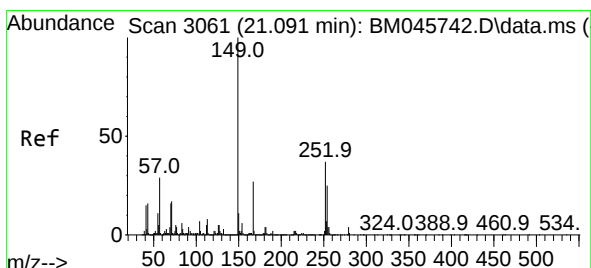
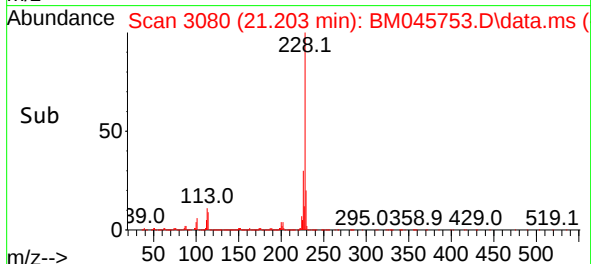
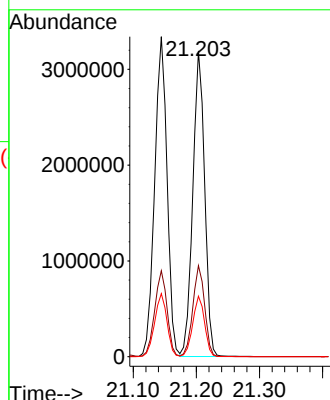
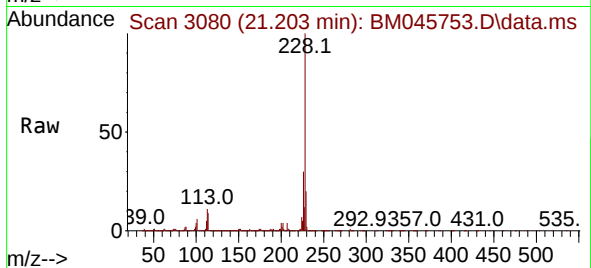
Tgt Ion:228 Resp: 4161983

Ion Ratio Lower Upper

228 100

226 29.8 23.8 35.8

229 19.8 15.8 23.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.954 ng

RT: 21.092 min Scan# 3061

Delta R.T. 0.000 min

Lab File: BM045753.D

Acq: 23 May 2024 14:48

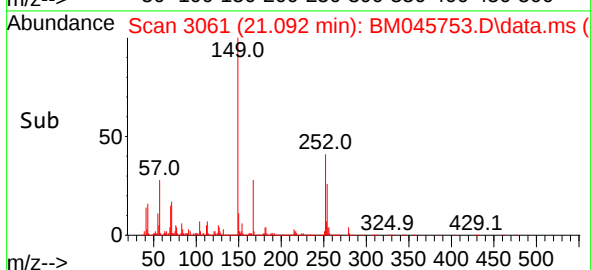
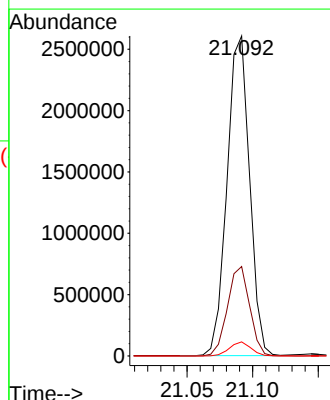
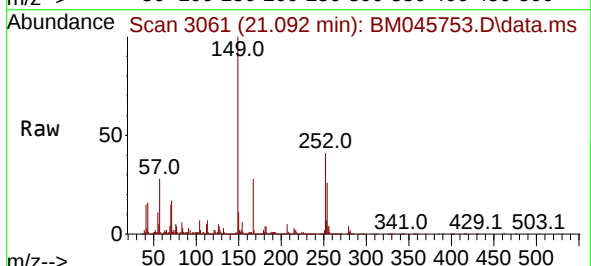
Tgt Ion:149 Resp: 3113958

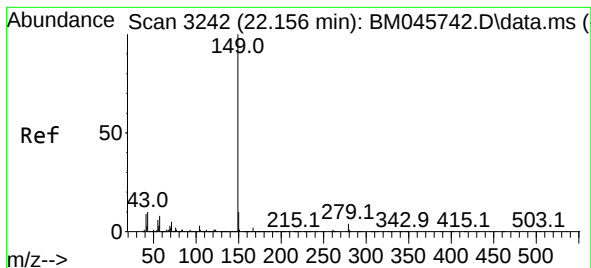
Ion Ratio Lower Upper

149 100

167 27.9 21.8 32.8

279 4.4 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 46.920 ng

RT: 22.150 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM045753.D

Acq: 23 May 2024 14:48

Instrument :

BNA_M

ClientSampleId :

PB160904BS

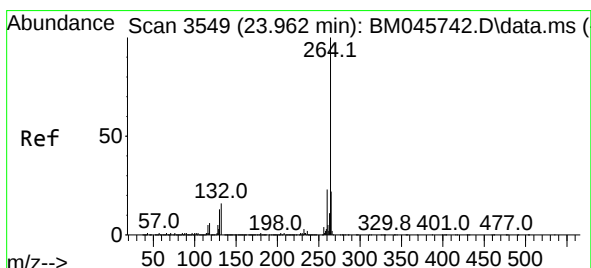
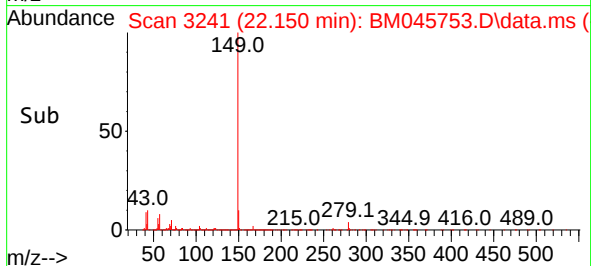
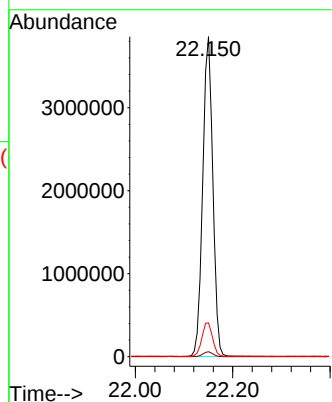
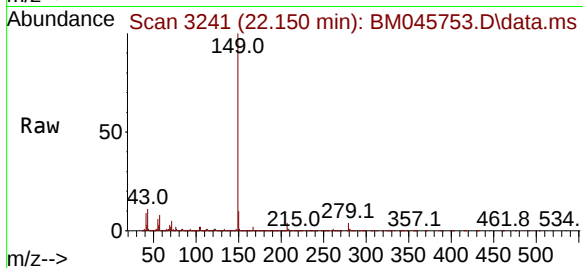
Tgt Ion:149 Resp: 5544791

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 11.1 8.8 13.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.950 min Scan# 3547

Delta R.T. -0.012 min

Lab File: BM045753.D

Acq: 23 May 2024 14:48

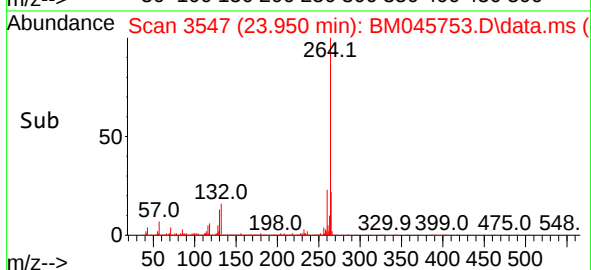
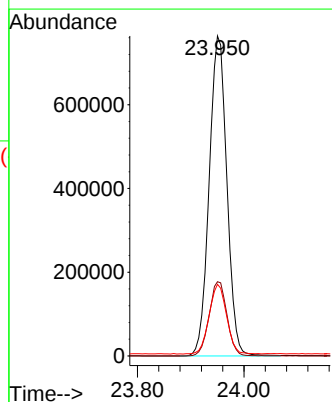
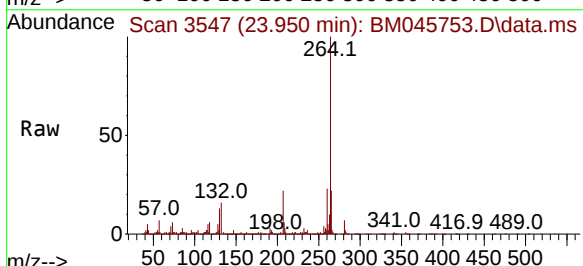
Tgt Ion:264 Resp: 1761851

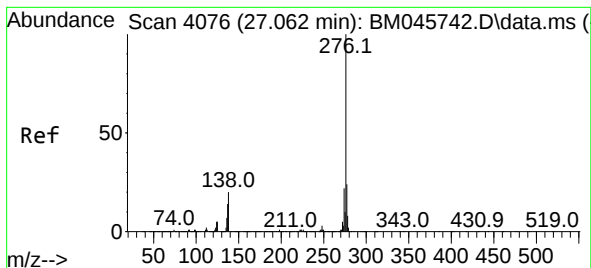
Ion Ratio Lower Upper

264 100

260 23.2 18.7 28.1

265 22.4 17.8 26.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 47.907 ng

RT: 27.050 min Scan# 4076

Delta R.T. -0.012 min

Lab File: BM045753.D

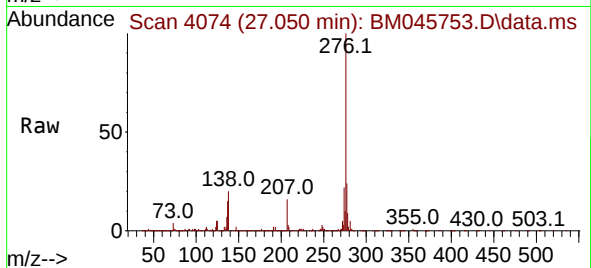
Acq: 23 May 2024 14:48

Instrument :

BNA_M

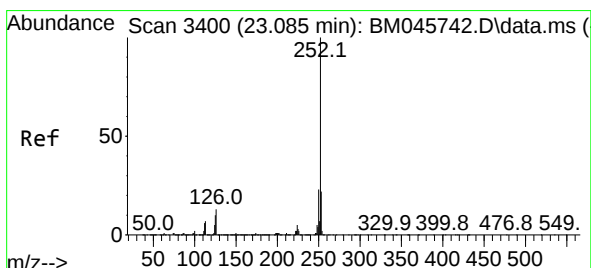
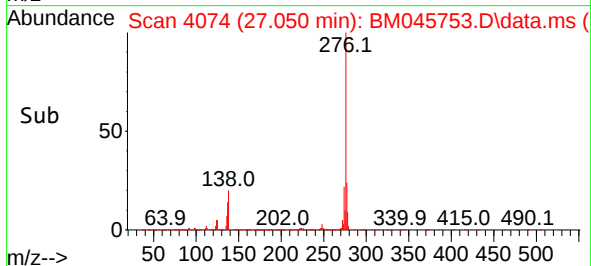
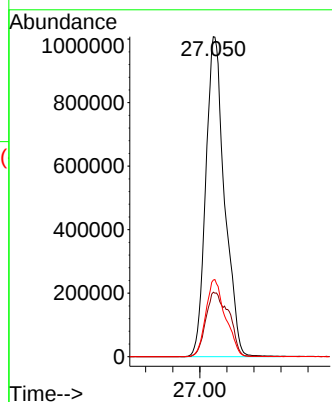
ClientSampleId :

PB160904BS



Tgt Ion:276 Resp: 4856643

Ion	Ratio	Lower	Upper
276	100		
138	24.8	19.8	29.6
277	25.2	20.2	30.2



#88

Benzo(b)fluoranthene

Concen: 47.529 ng

RT: 23.080 min Scan# 3399

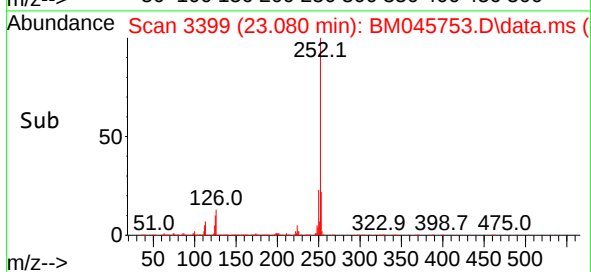
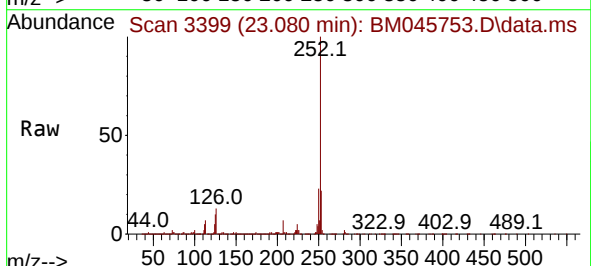
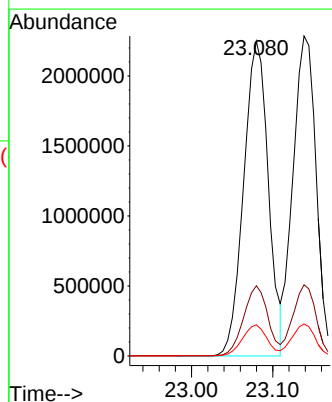
Delta R.T. -0.006 min

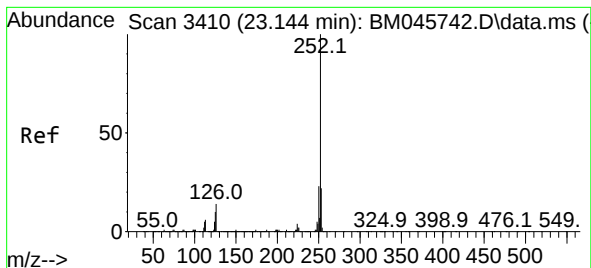
Lab File: BM045753.D

Acq: 23 May 2024 14:48

Tgt Ion:252 Resp: 4748684

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.5	26.3
125	9.9	8.0	12.0





#89

Benzo(k)fluoranthene

Concen: 47.713 ng

RT: 23.139 min Scan# 34

Delta R.T. -0.006 min

Lab File: BM045753.D

Acq: 23 May 2024 14:48

Instrument :

BNA_M

ClientSampleId :

PB160904BS

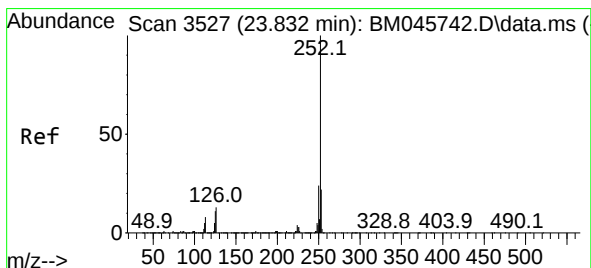
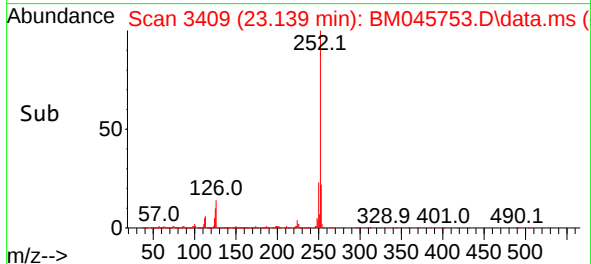
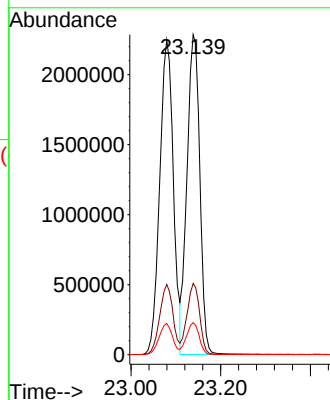
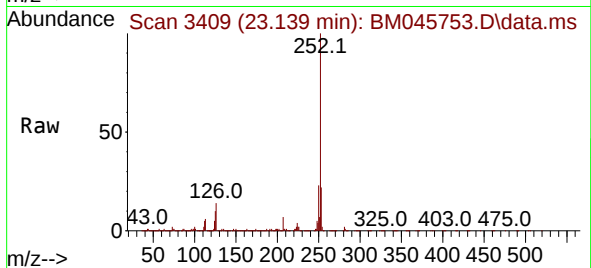
Tgt Ion:252 Resp: 4524748

Ion Ratio Lower Upper

252 100

253 22.3 17.7 26.5

125 10.0 8.1 12.1



#90

Benzo(a)pyrene

Concen: 46.542 ng

RT: 23.821 min Scan# 3525

Delta R.T. -0.012 min

Lab File: BM045753.D

Acq: 23 May 2024 14:48

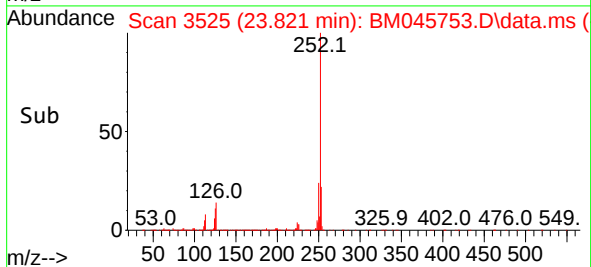
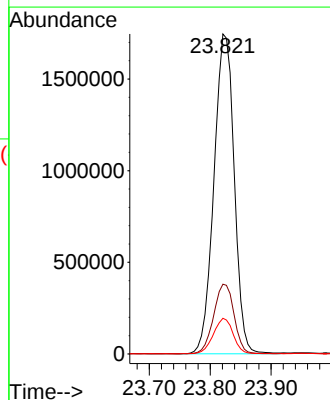
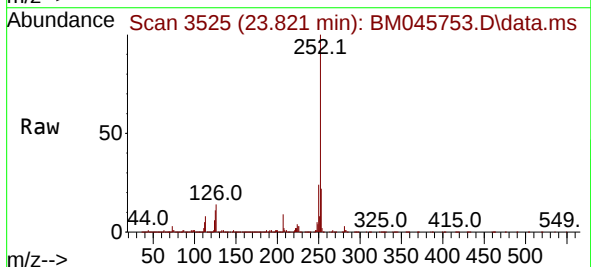
Tgt Ion:252 Resp: 4040680

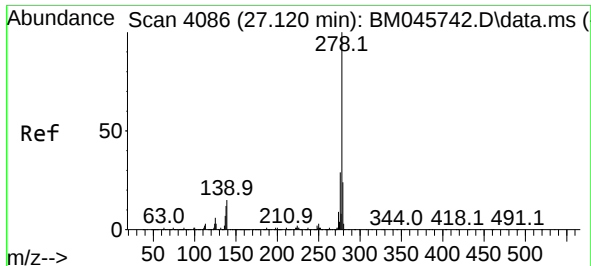
Ion Ratio Lower Upper

252 100

253 21.8 17.7 26.5

125 11.1 8.5 12.7

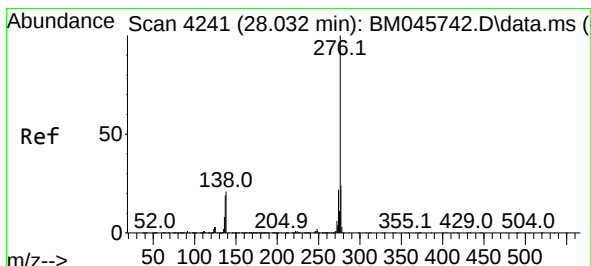
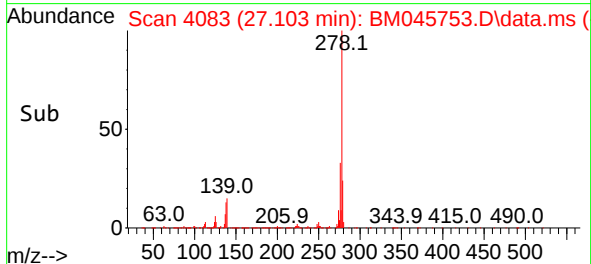
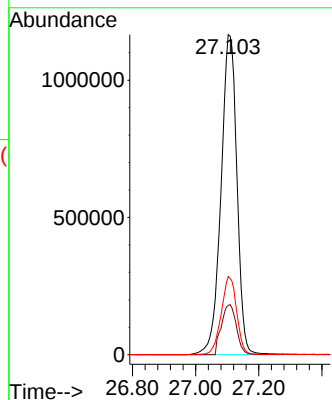
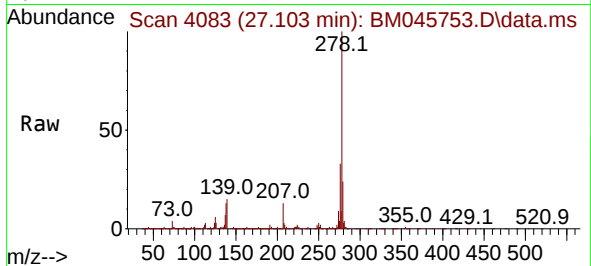




#91
Dibenzo(a,h)anthracene
Concen: 48.617 ng
RT: 27.103 min Scan# 4083
Delta R.T. -0.018 min
Lab File: BM045753.D
Acq: 23 May 2024 14:48

Instrument :
BNA_M
ClientSampleId :
PB160904BS

Tgt Ion:278 Resp: 4082755
Ion Ratio Lower Upper
278 100
139 15.4 12.2 18.4
279 24.4 19.0 28.4



#92
Benzo(g,h,i)perylene
Concen: 46.444 ng
RT: 28.021 min Scan# 4239
Delta R.T. -0.012 min
Lab File: BM045753.D
Acq: 23 May 2024 14:48

Tgt Ion:276 Resp: 4045873
Ion Ratio Lower Upper
276 100
277 23.7 19.0 28.4
138 21.4 16.7 25.1

