

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052324\
 Data File : BM045751.D
 Acq On : 23 May 2024 13:27
 Operator : MA/JU
 Sample : PB161074BSD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB161074BSD

Quant Time: May 24 02:51:52 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM052224.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 23 04:12:56 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.563	152	321762	20.000	ng	0.00
21) Naphthalene-d8	10.334	136	1397357	20.000	ng	0.00
39) Acenaphthene-d10	14.198	164	858350	20.000	ng	0.00
64) Phenanthrene-d10	16.945	188	1852558	20.000	ng	0.00
76) Chrysene-d12	21.162	240	1518618	20.000	ng	0.00
86) Perylene-d12	23.956	264	1742007	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.252	112	1789831	99.175	ng	0.00
7) Phenol-d6	6.840	99	2302908	95.047	ng	0.00
23) Nitrobenzene-d5	8.728	82	2164033	84.243	ng	0.00
42) 2,4,6-Tribromophenol	15.698	330	864769	95.119	ng	0.00
45) 2-Fluorobiphenyl	12.822	172	4523657	84.704	ng	0.00
79) Terphenyl-d14	19.586	244	7048377	85.425	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.193	88	253592	33.854	ng	99
3) Pyridine	3.587	79	664530	32.388	ng	98
4) n-Nitrosodimethylamine	3.499	42	498138	43.035	ng	98
6) Aniline	6.940	93	947385	40.882	ng	99
8) 2-Chlorophenol	7.169	128	992640	50.221	ng	98
9) Benzaldehyde	6.740	77	186472	12.634	ng	98
10) Phenol	6.863	94	1194651	48.788	ng	99
11) bis(2-Chloroethyl)ether	7.022	93	921504	43.422	ng	99
12) 1,3-Dichlorobenzene	7.451	146	987333	41.915	ng	99
13) 1,4-Dichlorobenzene	7.598	146	998367	42.027	ng	99
14) 1,2-Dichlorobenzene	7.916	146	960595	43.278	ng	99
15) Benzyl Alcohol	7.851	79	894076	47.252	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.104	45	1486314	45.125	ng	99
17) 2-Methylphenol	8.075	107	823547	48.518	ng	99
18) Hexachloroethane	8.634	117	381249	41.344	ng	94
19) n-Nitroso-di-n-propyla...	8.398	70	717073	42.095	ng	99
20) 3+4-Methylphenols	8.410	107	1051061	46.501	ng	96
22) Acetophenone	8.398	105	1348296	41.720	ng	# 99
24) Nitrobenzene	8.769	77	1112662	42.588	ng	98
25) Isophorone	9.304	82	2045319	42.773	ng	99
26) 2-Nitrophenol	9.475	139	513089	44.745	ng	99
27) 2,4-Dimethylphenol	9.581	122	939566	64.422	ng	99
28) bis(2-Chloroethoxy)met...	9.781	93	1284216	43.617	ng	100
29) 2,4-Dichlorophenol	10.022	162	957684	48.018	ng	99
30) 1,2,4-Trichlorobenzene	10.192	180	951590	42.135	ng	99
31) Naphthalene	10.381	128	2871875	41.484	ng	100
32) Benzoic acid	9.816	122	557546	41.492	ng	99
33) 4-Chloroaniline	10.551	127	703451	26.619	ng	99
34) Hexachlorobutadiene	10.669	225	557664	40.276	ng	99
35) Caprolactam	11.422	113	143632	22.267	ng	99
36) 4-Chloro-3-methylphenol	11.704	107	1015371	44.771	ng	99
37) 2-Methylnaphthalene	11.998	142	2003617	41.549	ng	99
38) 1-Methylnaphthalene	12.222	142	1891379	39.752	ng	100
40) 1,2,4,5-Tetrachloroben...	12.369	216	980947	44.314	ng	98
41) Hexachlorocyclopentadiene	12.357	237	1401608	151.285	ng	99
43) 2,4,6-Trichlorophenol	12.645	196	744424	49.830	ng	98

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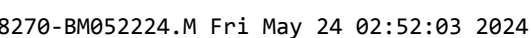
Instrument :
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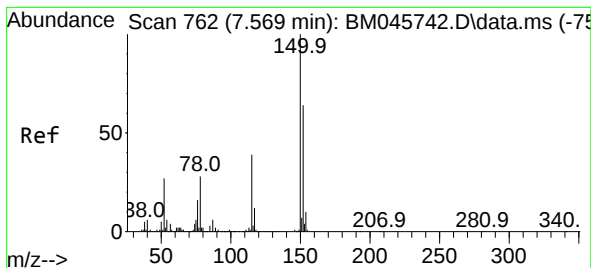
Quant Time: May 24 02:51:52 2024
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 23 04:12:56 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.733	196	800845	48.166	ng	99
46) 1,1'-Biphenyl	13.033	154	2551281	44.095	ng	100
47) 2-Chloronaphthalene	13.063	162	1973387	43.582	ng	99
48) 2-Nitroaniline	13.316	65	729829	51.081	ng	99
49) Acenaphthylene	13.922	152	3177502	46.279	ng	100
50) Dimethylphthalate	13.698	163	2666128	45.919	ng	100
51) 2,6-Dinitrotoluene	13.804	165	580472	46.581	ng	96
52) Acenaphthene	14.263	154	1928719	44.812	ng	99
53) 3-Nitroaniline	14.157	138	440665	34.671	ng	99
54) 2,4-Dinitrophenol	14.339	184	697717	95.975	ng	99
55) Dibenzofuran	14.604	168	3014297	44.426	ng	99
56) 4-Nitrophenol	14.539	139	1124319	104.047	ng	99
57) 2,4-Dinitrotoluene	14.592	165	781410	47.220	ng	99
58) Fluorene	15.251	166	2462937	44.413	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.851	232	702352	50.836	ng	100
60) Diethylphthalate	15.063	149	2702603	44.547	ng	99
61) 4-Chlorophenyl-phenyle...	15.257	204	1205812	44.432	ng	98
62) 4-Nitroaniline	15.339	138	600001	47.525	ng	97
63) Azobenzene	15.545	77	2631114	44.757	ng	99
65) 4,6-Dinitro-2-methylph...	15.351	198	440860	47.563	ng	95
66) n-Nitrosodiphenylamine	15.480	169	2176147	45.884	ng	99
67) 4-Bromophenyl-phenylether	16.145	248	786081	44.660	ng	99
68) Hexachlorobenzene	16.245	284	898452	42.851	ng	96
69) Atrazine	16.451	200	820817	56.677	ng	99
70) Pentachlorophenol	16.615	266	1174260	91.805	ng	99
71) Phenanthrene	16.986	178	3929465	44.939	ng	99
72) Anthracene	17.074	178	3927245	45.683	ng	100
73) Carbazole	17.368	167	3853219	44.793	ng	100
74) Di-n-butylphthalate	17.933	149	4766157	44.620	ng	100
75) Fluoranthene	19.004	202	4604930	43.191	ng	99
77) Benzidine	19.221	184	1323031	51.019	ng	100
78) Pyrene	19.368	202	4762791	44.459	ng	100
80) Butylbenzylphthalate	20.292	149	2161469	46.580	ng	99
81) Benzo(a)anthracene	21.145	228	4368086	45.160	ng	100
82) 3,3'-Dichlorobenzidine	21.092	252	1342032	40.487	ng	100
83) Chrysene	21.203	228	4010885	44.209	ng	100
84) Bis(2-ethylhexyl)phtha...	21.092	149	2965220	45.509	ng	100
85) Di-n-octyl phthalate	22.150	149	5289499	46.550	ng	100
87) Indeno(1,2,3-cd)pyrene	27.056	276	4874226	48.628	ng	100
88) Benzo(b)fluoranthene	23.080	252	4596252	46.527	ng	100
89) Benzo(k)fluoranthene	23.139	252	4405200	46.981	ng	100
90) Benzo(a)pyrene	23.821	252	4024721	46.886	ng	100
91) Dibenzo(a,h)anthracene	27.115	278	4083509	49.180	ng	99
92) Benzo(g,h,i)perylene	28.026	276	4065411	47.200	ng	100

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

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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: BM045751.D

Acq: 23 May 2024 13:27

Instrument :

BNA_M

ClientSampleId :

PB161074BSD

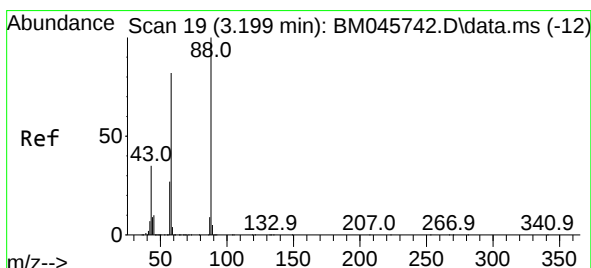
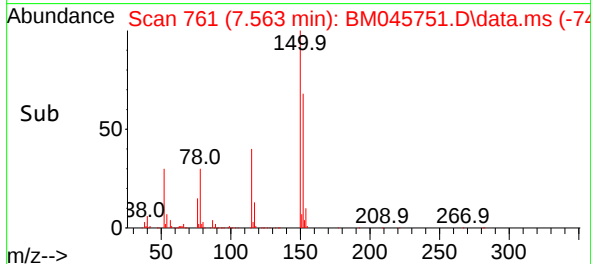
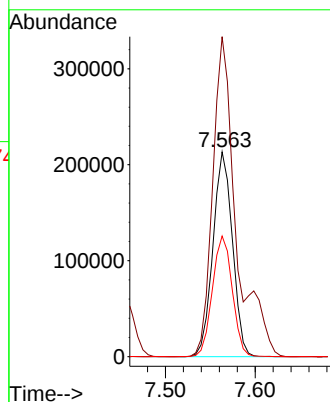
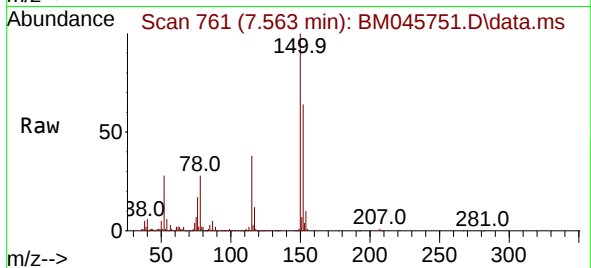
Tgt Ion:152 Resp: 321762

Ion Ratio Lower Upper

152 100

150 156.3 124.2 186.4

115 58.9 48.9 73.3



#2

1,4-Dioxane

Concen: 33.854 ng

RT: 3.193 min Scan# 18

Delta R.T. -0.006 min

Lab File: BM045751.D

Acq: 23 May 2024 13:27

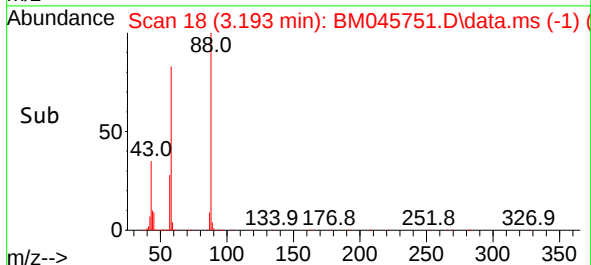
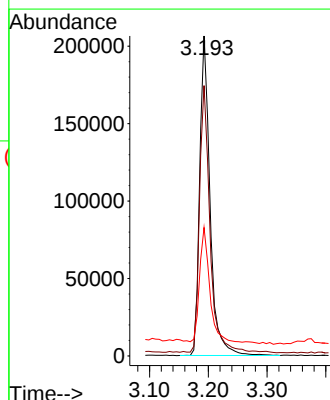
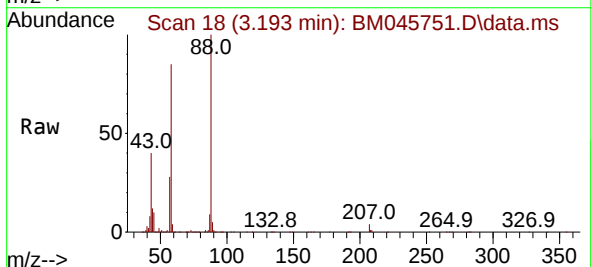
Tgt Ion: 88 Resp: 253592

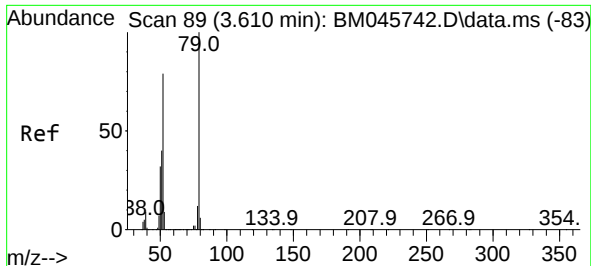
Ion Ratio Lower Upper

88 100

58 84.6 67.0 100.6

43 34.8 28.4 42.6

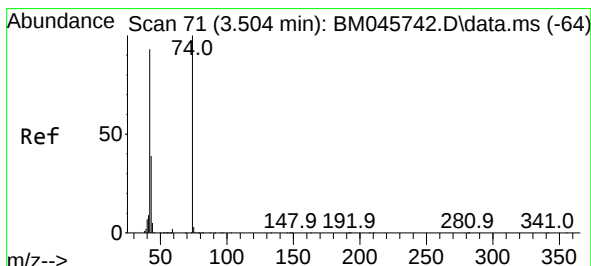
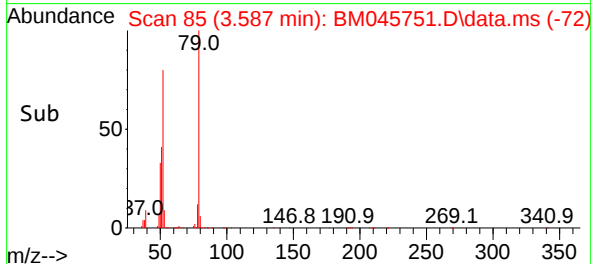
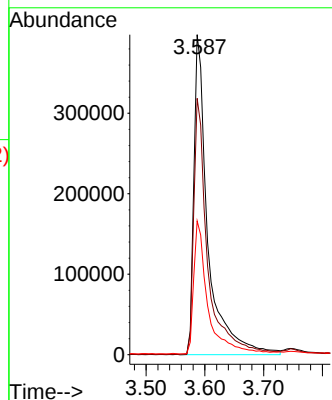
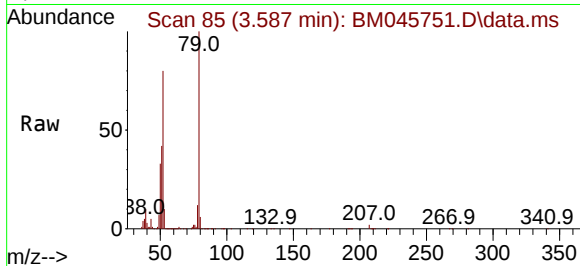




#3
Pyridine
Concen: 32.388 ng
RT: 3.587 min Scan# 81
Delta R.T. -0.023 min
Lab File: BM045751.D
Acq: 23 May 2024 13:27

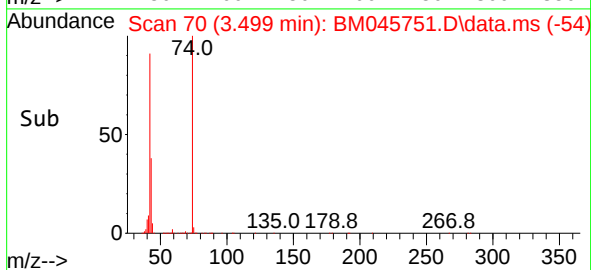
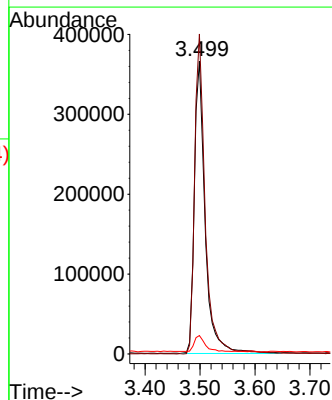
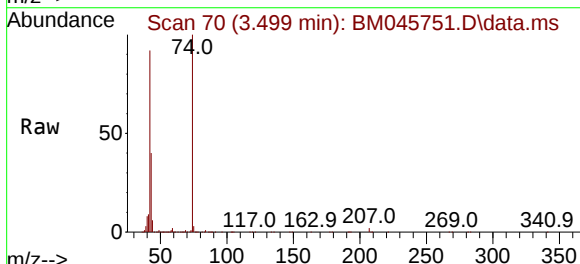
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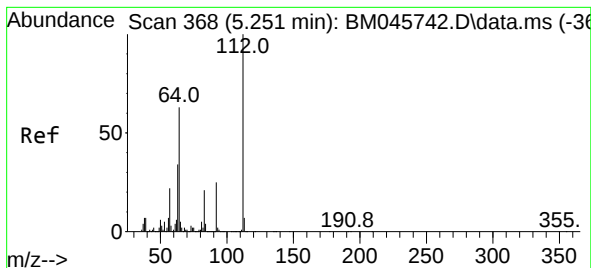
Tgt Ion: 79 Resp: 664530
Ion Ratio Lower Upper
79 100
52 80.1 63.2 94.8
51 41.8 32.1 48.1



#4
n-Nitrosodimethylamine
Concen: 43.035 ng
RT: 3.499 min Scan# 70
Delta R.T. -0.006 min
Lab File: BM045751.D
Acq: 23 May 2024 13:27

Tgt Ion: 42 Resp: 498138
Ion Ratio Lower Upper
42 100
74 109.3 85.7 128.5
44 6.3 5.4 8.0

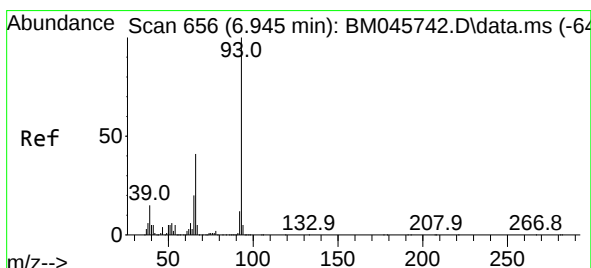
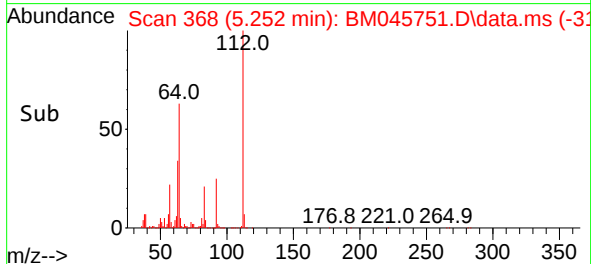
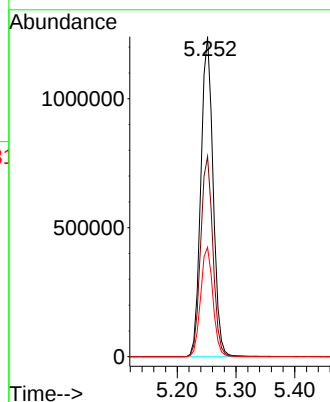
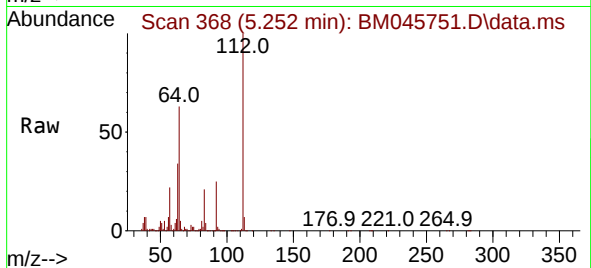




#5
2-Fluorophenol
Concen: 99.175 ng
RT: 5.252 min Scan# 30
Delta R.T. 0.000 min
Lab File: BM045751.D
Acq: 23 May 2024 13:27

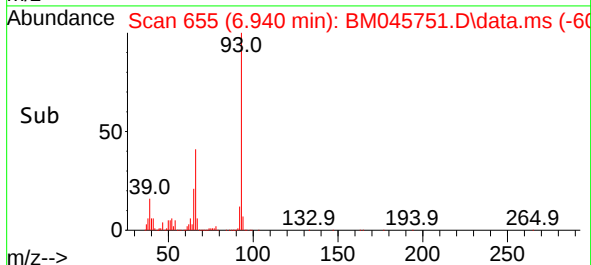
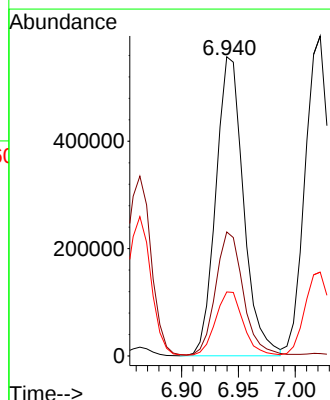
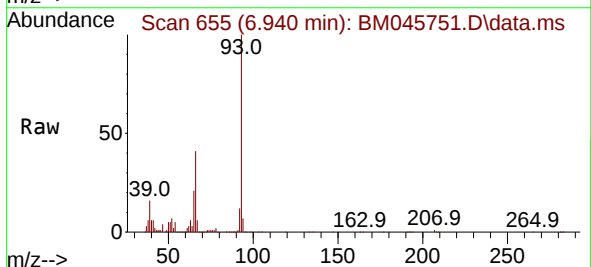
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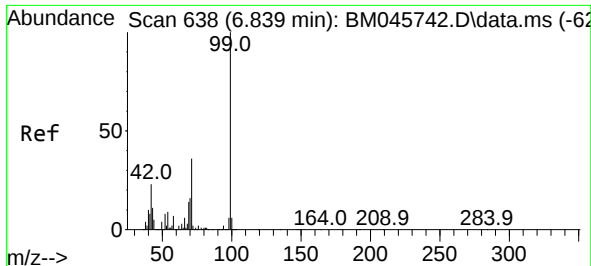
Tgt Ion:112 Resp: 1789831
Ion Ratio Lower Upper
112 100
64 62.5 50.1 75.1
63 34.2 27.3 40.9



#6
Aniline
Concen: 40.882 ng
RT: 6.940 min Scan# 655
Delta R.T. -0.006 min
Lab File: BM045751.D
Acq: 23 May 2024 13:27

Tgt Ion: 93 Resp: 947385
Ion Ratio Lower Upper
93 100
66 41.5 33.8 50.6
65 21.4 16.8 25.2



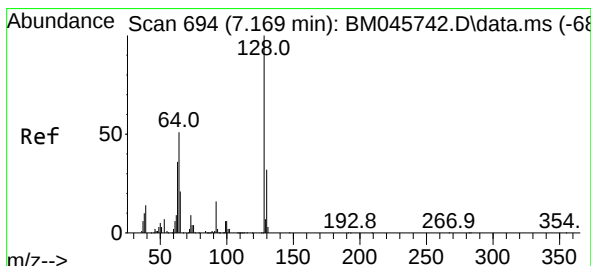
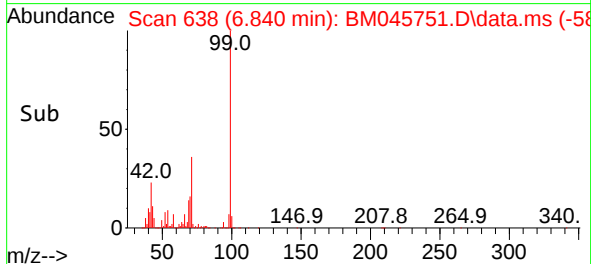
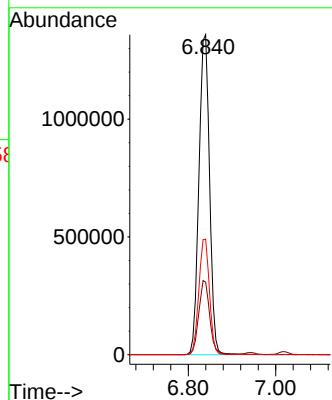
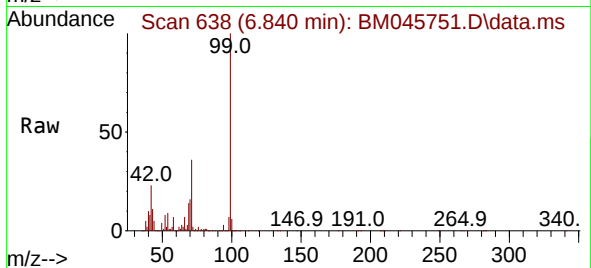


#7
Phenol-d6
Concen: 95.047 ng
RT: 6.840 min Scan# 61
Delta R.T. 0.000 min
Lab File: BM045751.D
Acq: 23 May 2024 13:27

Instrument :
BNA_M
ClientSampleId :
PB161074BSD

Tgt Ion: 99 Resp: 2302908

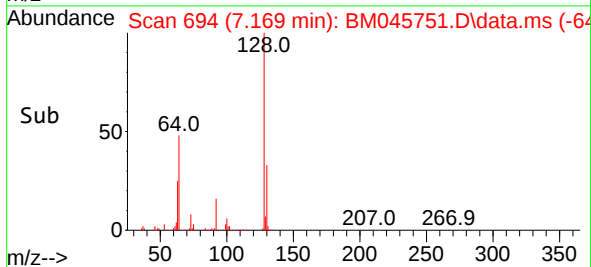
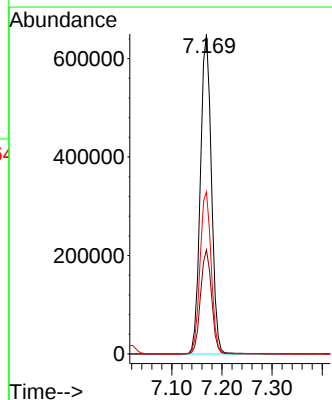
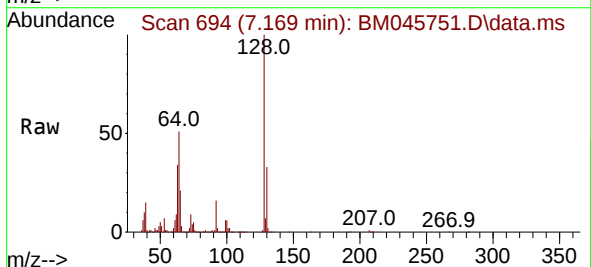
Ion	Ratio	Lower	Upper
99	100		
42	22.7	18.3	27.5
71	36.1	28.5	42.7

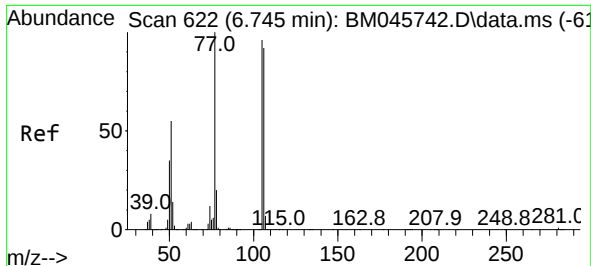


#8
2-Chlorophenol
Concen: 50.221 ng
RT: 7.169 min Scan# 694
Delta R.T. 0.000 min
Lab File: BM045751.D
Acq: 23 May 2024 13:27

Tgt Ion: 128 Resp: 992640

Ion	Ratio	Lower	Upper
128	100		
130	32.6	12.2	52.2
64	50.6	32.2	72.2

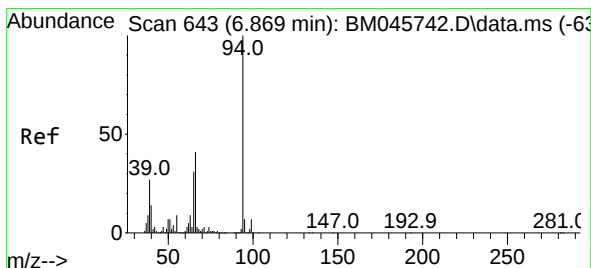
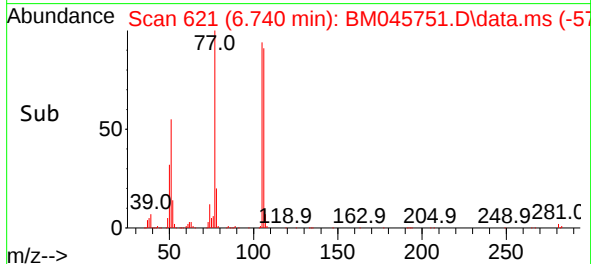
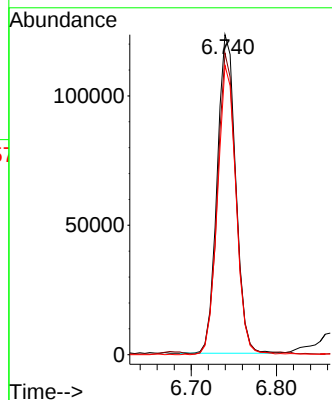
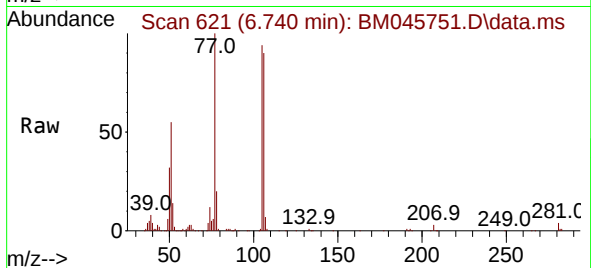




#9
Benzaldehyde
Concen: 12.634 ng
RT: 6.740 min Scan# 61
Delta R.T. -0.005 min
Lab File: BM045751.D
Acq: 23 May 2024 13:27

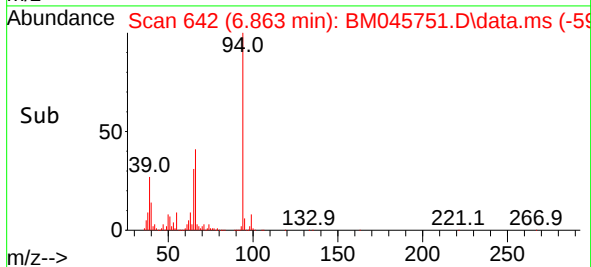
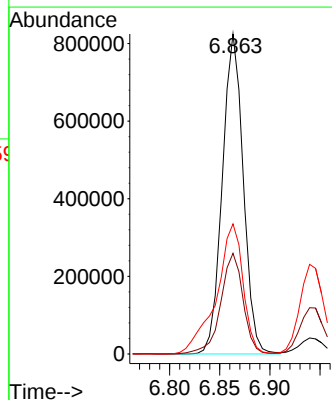
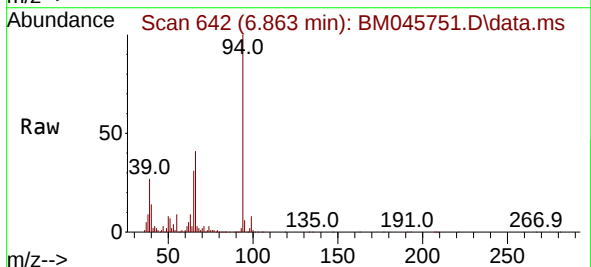
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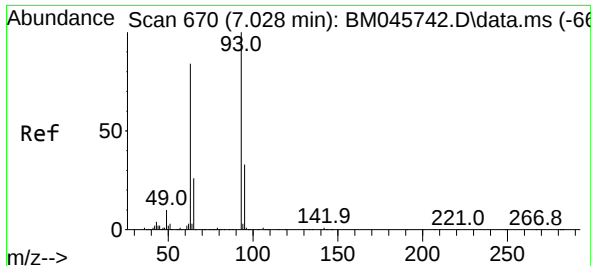
Tgt Ion: 77 Resp: 186472
Ion Ratio Lower Upper
77 100
105 94.2 75.6 115.6
106 90.4 72.1 112.1



#10
Phenol
Concen: 48.788 ng
RT: 6.863 min Scan# 642
Delta R.T. -0.006 min
Lab File: BM045751.D
Acq: 23 May 2024 13:27

Tgt Ion: 94 Resp: 1194651
Ion Ratio Lower Upper
94 100
65 31.5 11.4 51.4
66 40.6 21.3 61.3

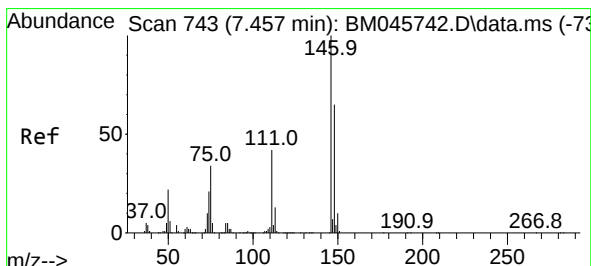
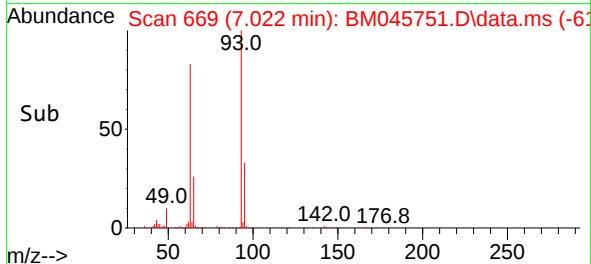
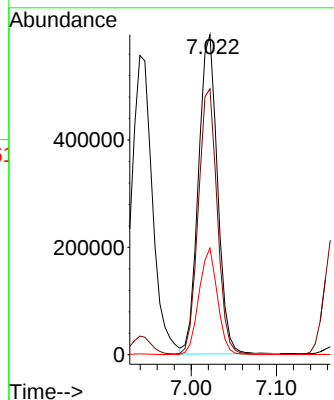
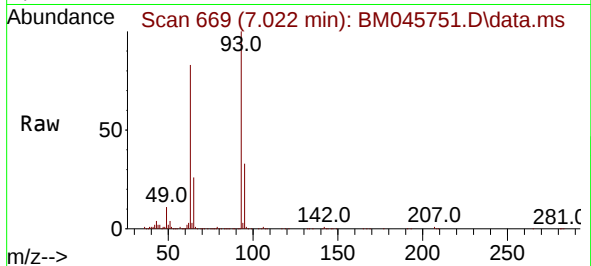




#11
bis(2-Chloroethyl)ether
Concen: 43.422 ng
RT: 7.022 min Scan# 60
Delta R.T. -0.006 min
Lab File: BM045751.D
Acq: 23 May 2024 13:27

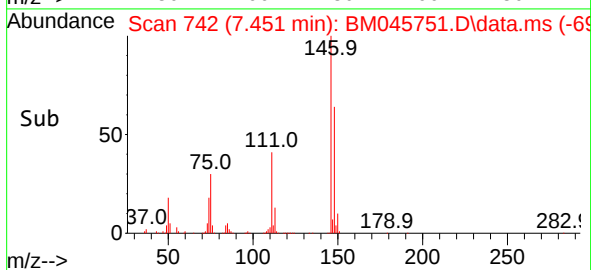
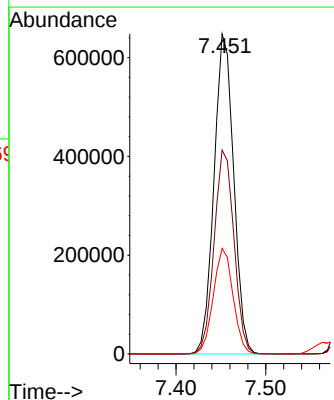
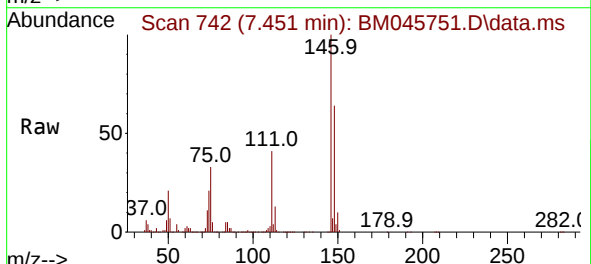
Instrument :
BNA_M
ClientSampleId :
PB161074BSD

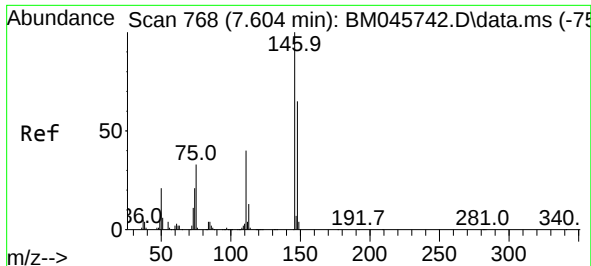
Tgt Ion: 93 Resp: 921504
Ion Ratio Lower Upper
93 100
63 83.1 62.3 102.3
95 33.3 12.5 52.5



#12
1,3-Dichlorobenzene
Concen: 41.915 ng
RT: 7.451 min Scan# 742
Delta R.T. -0.006 min
Lab File: BM045751.D
Acq: 23 May 2024 13:27

Tgt Ion: 146 Resp: 987333
Ion Ratio Lower Upper
146 100
148 63.7 51.8 77.6
75 33.0 27.1 40.7

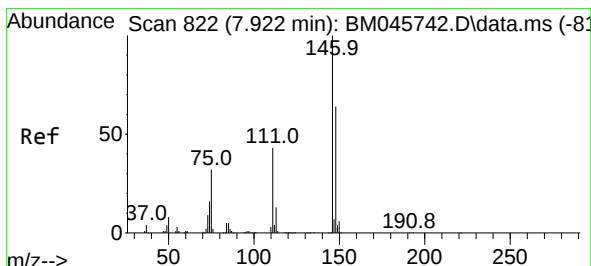
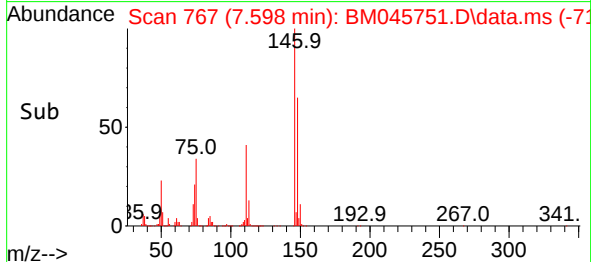
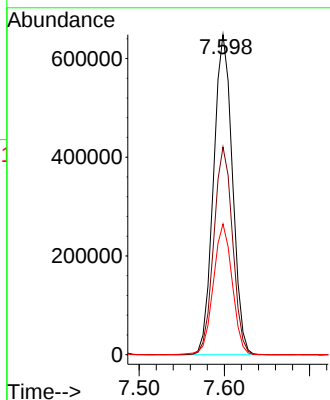
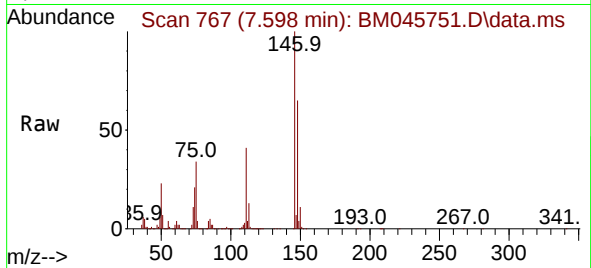




#13
1,4-Dichlorobenzene
Concen: 42.027 ng
RT: 7.598 min Scan# 767
Delta R.T. -0.006 min
Lab File: BM045751.D
Acq: 23 May 2024 13:27

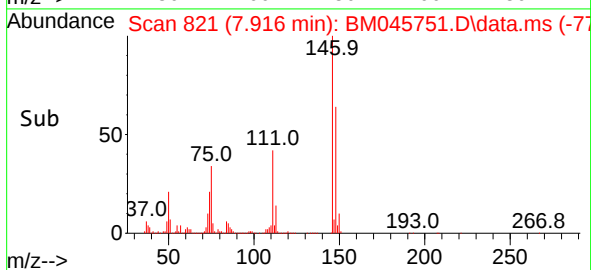
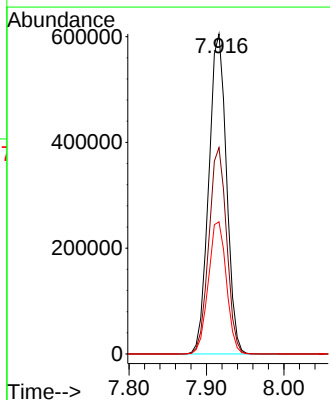
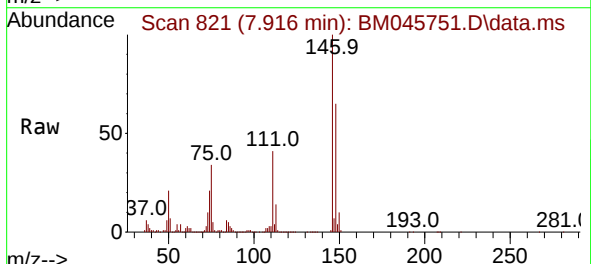
Instrument :
BNA_M
ClientSampleId :
PB161074BSD

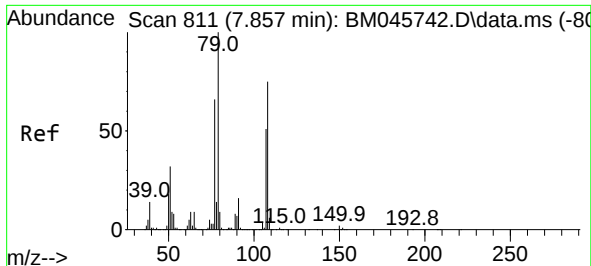
Tgt Ion:146 Resp: 998367
Ion Ratio Lower Upper
146 100
148 64.9 51.8 77.6
111 40.8 31.7 47.5



#14
1,2-Dichlorobenzene
Concen: 43.278 ng
RT: 7.916 min Scan# 821
Delta R.T. -0.006 min
Lab File: BM045751.D
Acq: 23 May 2024 13:27

Tgt Ion:146 Resp: 960595
Ion Ratio Lower Upper
146 100
148 64.5 51.6 77.4
111 41.3 34.4 51.6

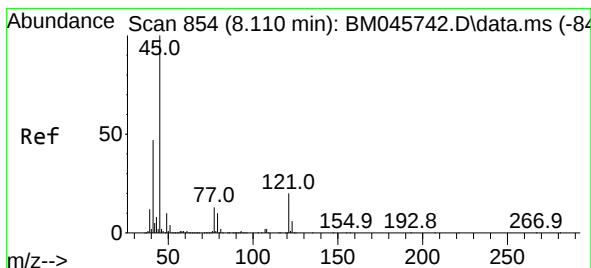
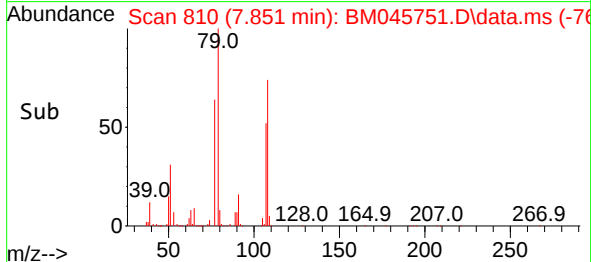
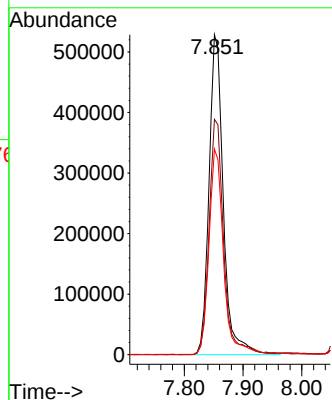
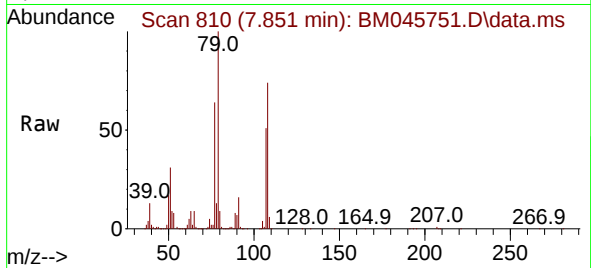




#15
Benzyl Alcohol
Concen: 47.252 ng
RT: 7.851 min Scan# 811
Delta R.T. -0.006 min
Lab File: BM045751.D
Acq: 23 May 2024 13:27

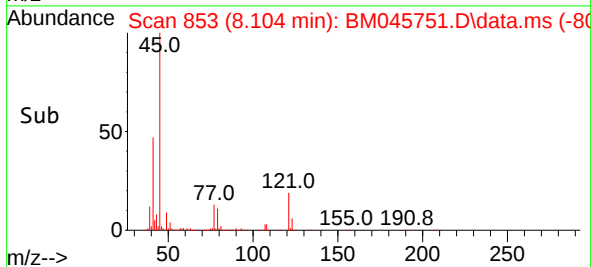
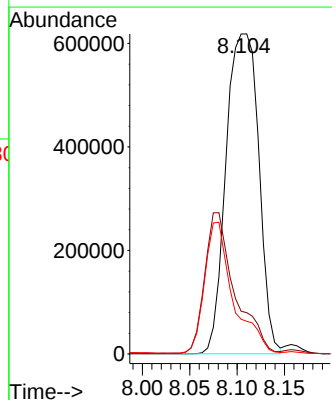
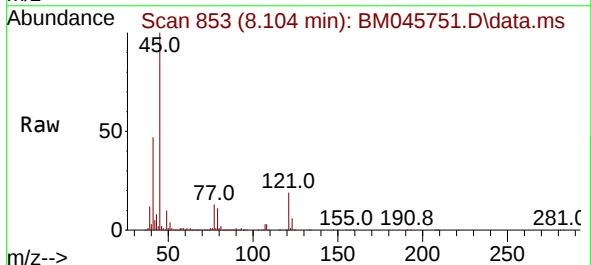
Instrument :
BNA_M
ClientSampleId :
PB161074BSD

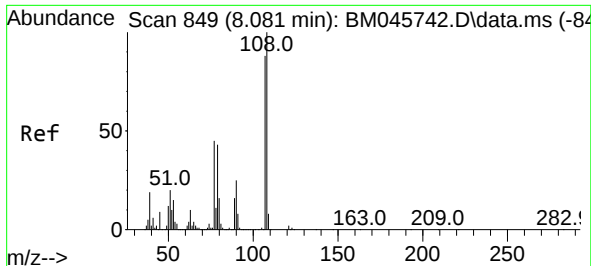
Tgt Ion: 79 Resp: 894076
Ion Ratio Lower Upper
79 100
108 73.5 59.8 89.6
77 64.2 52.6 79.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.125 ng
RT: 8.104 min Scan# 853
Delta R.T. -0.006 min
Lab File: BM045751.D
Acq: 23 May 2024 13:27

Tgt Ion: 45 Resp: 1486314
Ion Ratio Lower Upper
45 100
77 13.3 0.0 33.4
79 10.9 0.0 30.5

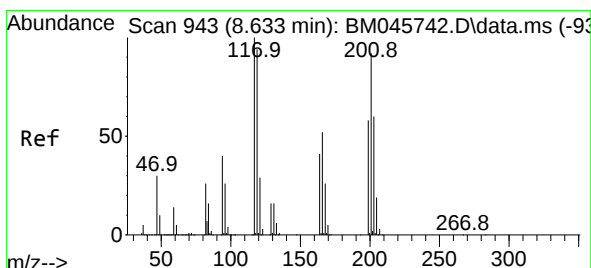
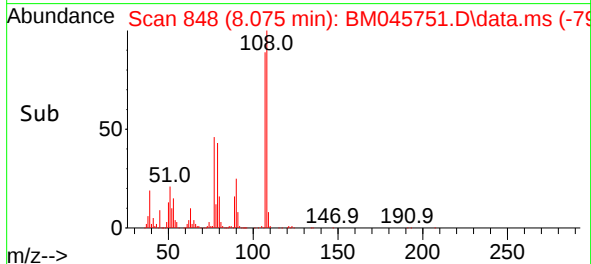
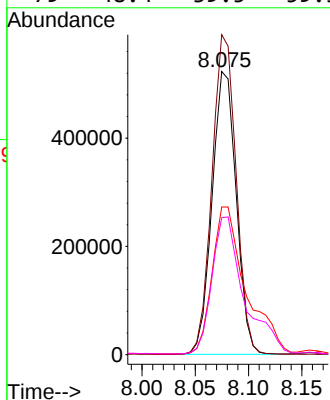
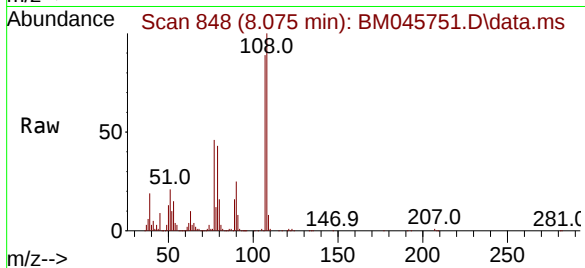




#17
2-Methylphenol
Concen: 48.518 ng
RT: 8.075 min Scan# 849
Delta R.T. -0.006 min
Lab File: BM045751.D
Acq: 23 May 2024 13:27

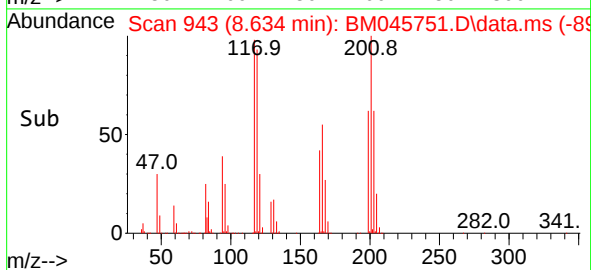
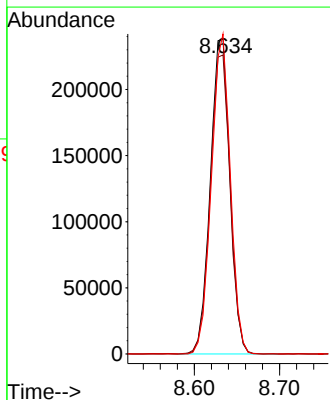
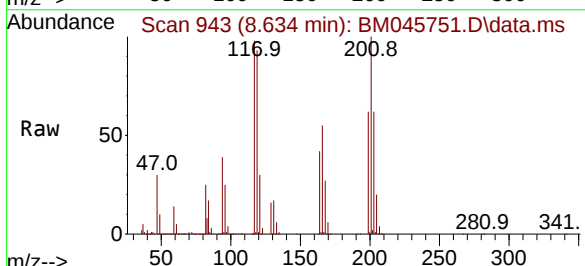
Instrument :
BNA_M
ClientSampleId :
PB161074BSD

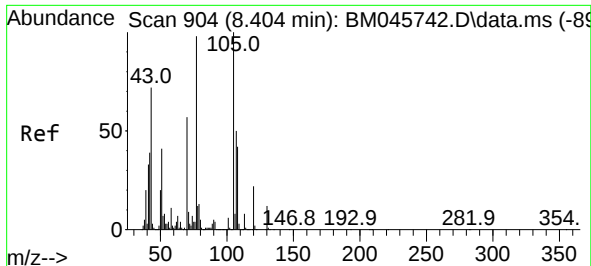
Tgt Ion:	107	Resp:	823547
Ion	Ratio	Lower	Upper
107	100		
108	113.0	91.4	137.2
77	52.1	41.1	61.7
79	48.4	39.5	59.3



#18
Hexachloroethane
Concen: 41.344 ng
RT: 8.634 min Scan# 943
Delta R.T. 0.000 min
Lab File: BM045751.D
Acq: 23 May 2024 13:27

Tgt Ion:	117	Resp:	381249
Ion	Ratio	Lower	Upper
117	100		
119	95.0	75.1	112.7
201	101.7	73.5	110.3

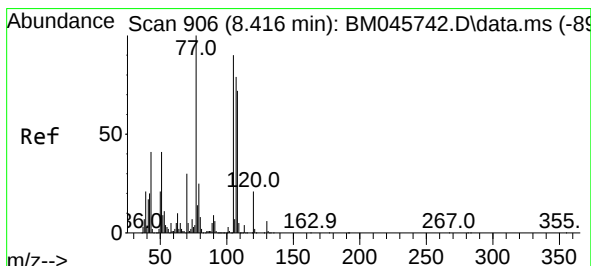
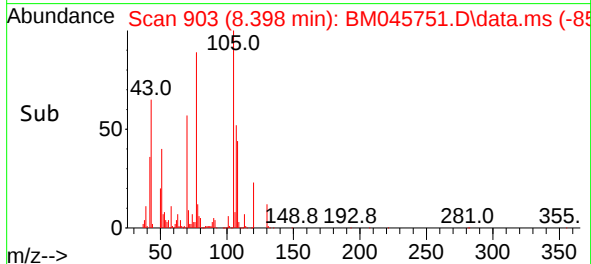
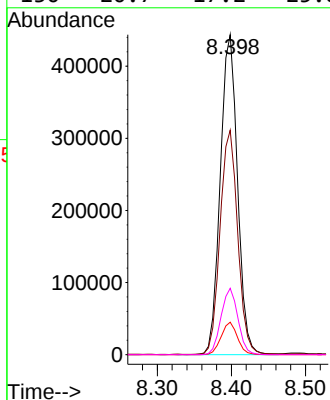
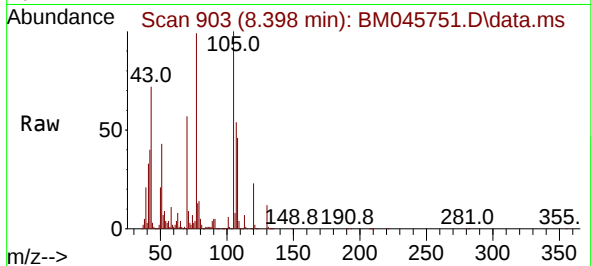




#19
n-Nitroso-di-n-propylamine
Concen: 42.095 ng
RT: 8.398 min Scan# 903
Delta R.T. -0.006 min
Lab File: BM045751.D
Acq: 23 May 2024 13:27

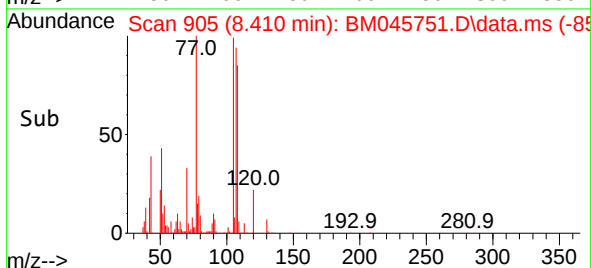
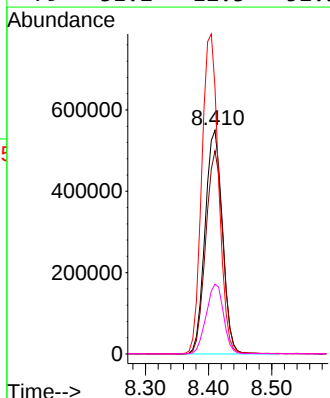
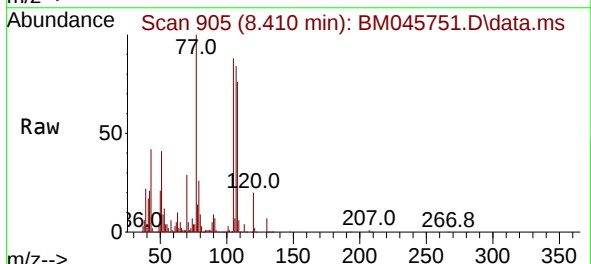
Instrument :
BNA_M
ClientSampleId :
PB161074BSD

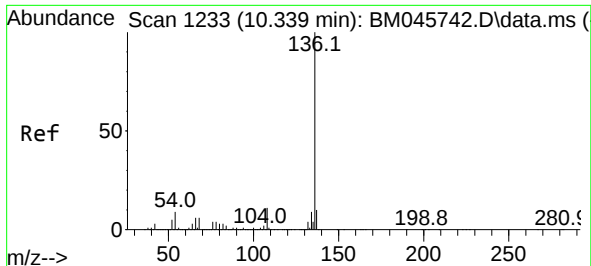
Tgt Ion: 70 Resp: 717073
Ion Ratio Lower Upper
70 100
42 70.1 55.8 83.6
101 10.1 7.8 11.6
130 20.7 17.2 25.8



#20
3+4-Methylphenols
Concen: 46.501 ng
RT: 8.410 min Scan# 905
Delta R.T. -0.006 min
Lab File: BM045751.D
Acq: 23 May 2024 13:27

Tgt Ion: 107 Resp: 1051061
Ion Ratio Lower Upper
107 100
108 90.9 71.2 111.2
77 119.1 106.9 146.9
79 31.2 12.3 52.3

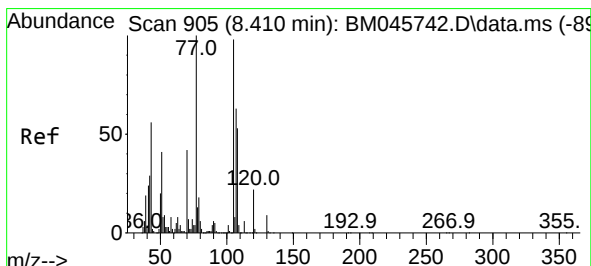
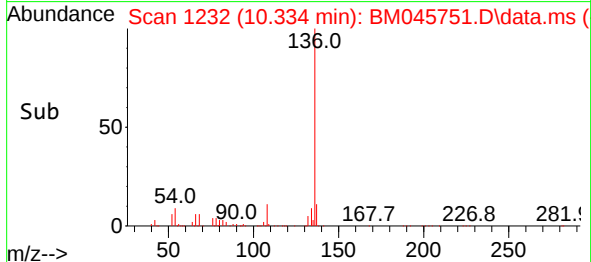
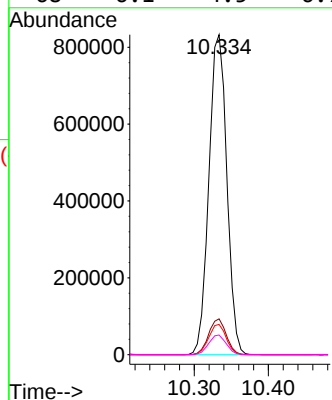
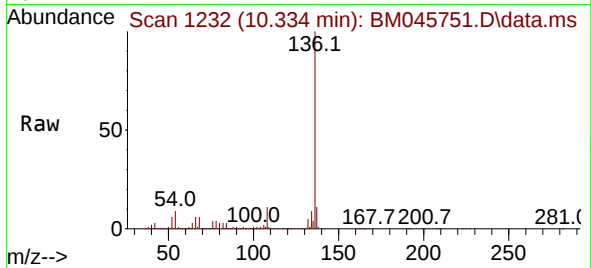




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.334 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM045751.D
Acq: 23 May 2024 13:27

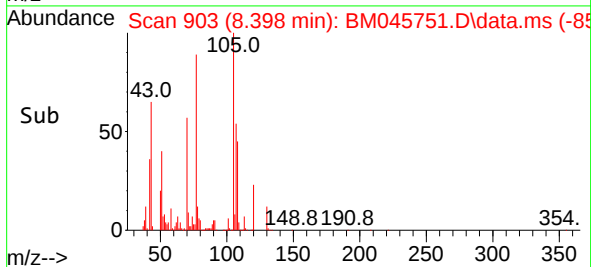
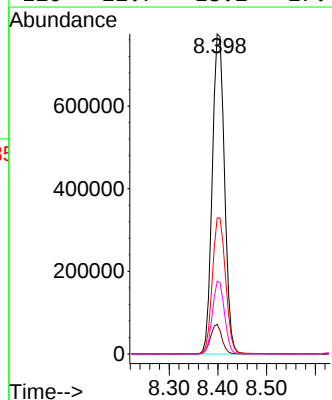
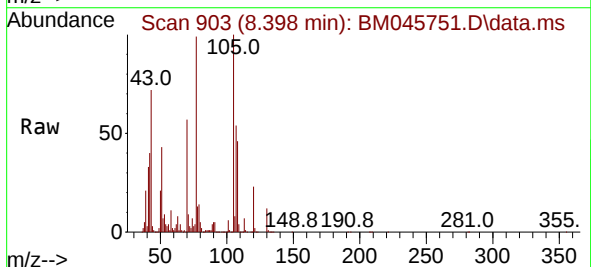
Instrument :
BNA_M
ClientSampleId :
PB161074BSD

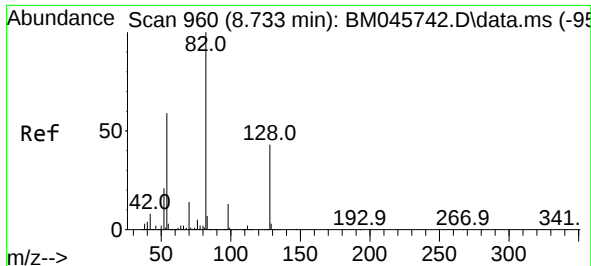
Tgt Ion:136 Resp: 1397357
Ion Ratio Lower Upper
136 100
137 11.2 8.2 12.2
54 9.4 7.5 11.3
68 6.1 4.5 6.7



#22
Acetophenone
Concen: 41.720 ng
RT: 8.398 min Scan# 903
Delta R.T. -0.012 min
Lab File: BM045751.D
Acq: 23 May 2024 13:27

Tgt Ion:105 Resp: 1348296
Ion Ratio Lower Upper
105 100
71 9.3 5.7 8.5#
51 42.5 33.8 50.6
120 22.7 18.2 27.4

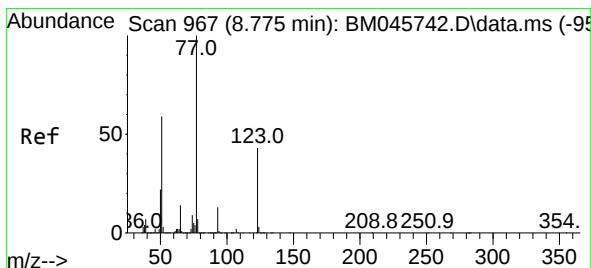
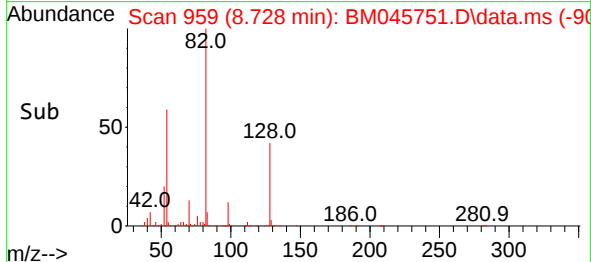
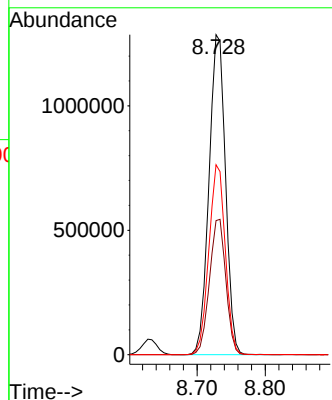
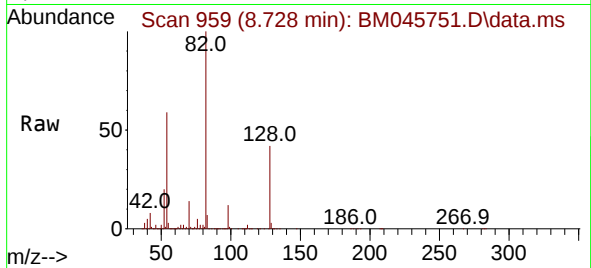




#23
Nitrobenzene-d5
Concen: 84.243 ng
RT: 8.728 min Scan# 91
Delta R.T. -0.005 min
Lab File: BM045751.D
Acq: 23 May 2024 13:27

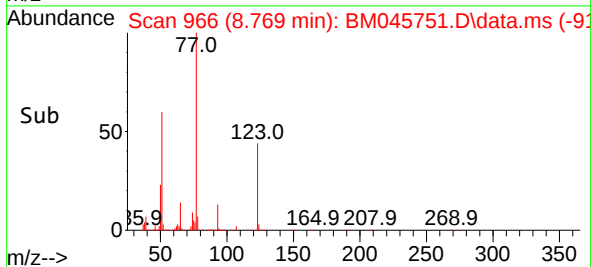
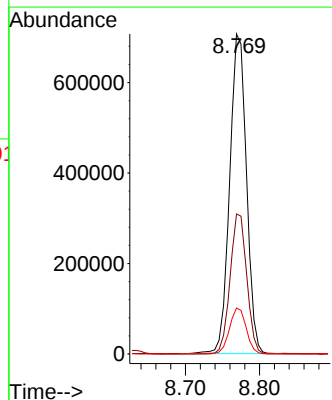
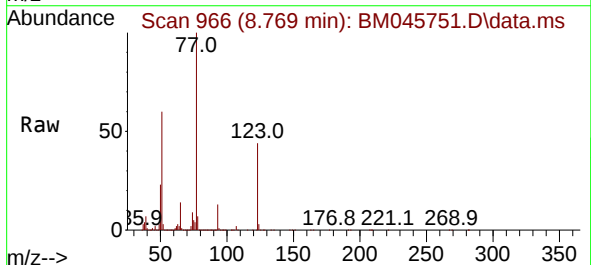
Instrument :
BNA_M
ClientSampleId :
PB161074BSD

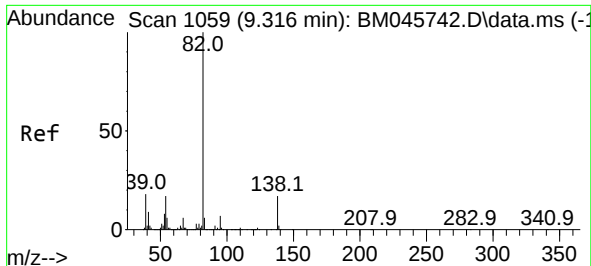
Tgt Ion: 82 Resp: 2164033
Ion Ratio Lower Upper
82 100
128 41.9 34.2 51.4
54 59.4 47.3 70.9



#24
Nitrobenzene
Concen: 42.588 ng
RT: 8.769 min Scan# 966
Delta R.T. -0.006 min
Lab File: BM045751.D
Acq: 23 May 2024 13:27

Tgt Ion: 77 Resp: 1112662
Ion Ratio Lower Upper
77 100
123 43.8 34.1 51.1
65 14.4 11.2 16.8

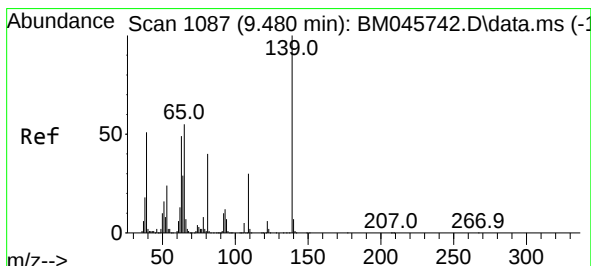
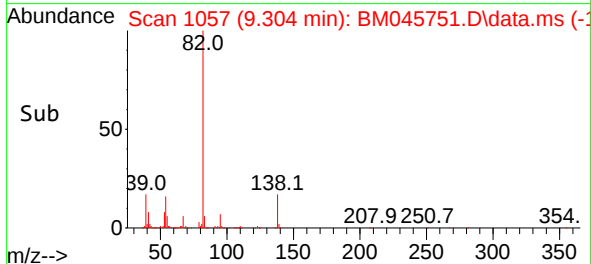
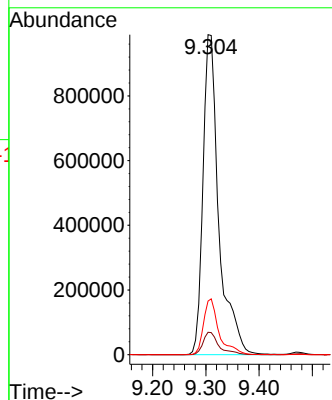
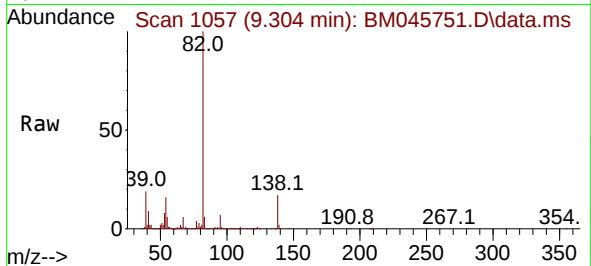




#25
Isophorone
Concen: 42.773 ng
RT: 9.304 min Scan# 1057
Delta R.T. -0.012 min
Lab File: BM045751.D
Acq: 23 May 2024 13:27

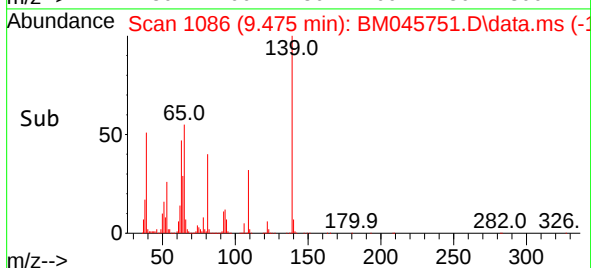
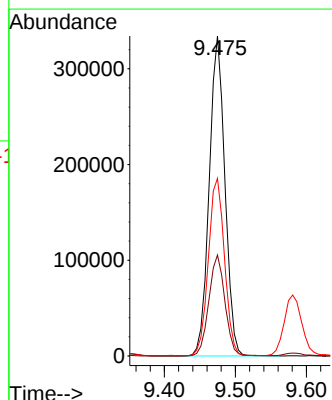
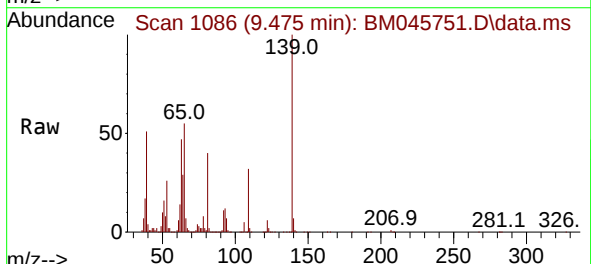
Instrument :
BNA_M
ClientSampleId :
PB161074BSD

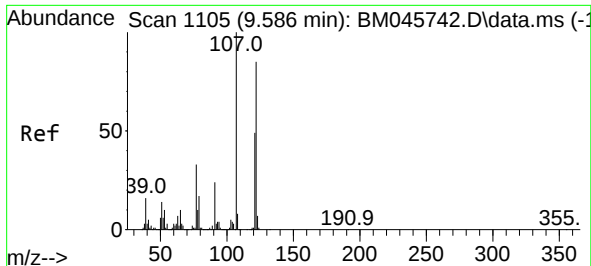
Tgt Ion: 82 Resp: 2045319
Ion Ratio Lower Upper
82 100
95 7.0 5.7 8.5
138 16.8 13.8 20.8



#26
2-Nitrophenol
Concen: 44.745 ng
RT: 9.475 min Scan# 1086
Delta R.T. -0.005 min
Lab File: BM045751.D
Acq: 23 May 2024 13:27

Tgt Ion:139 Resp: 513089
Ion Ratio Lower Upper
139 100
109 31.5 24.4 36.6
65 55.5 44.5 66.7

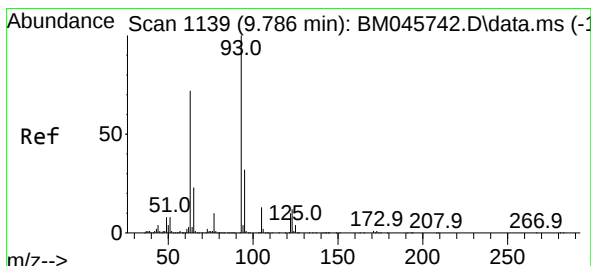
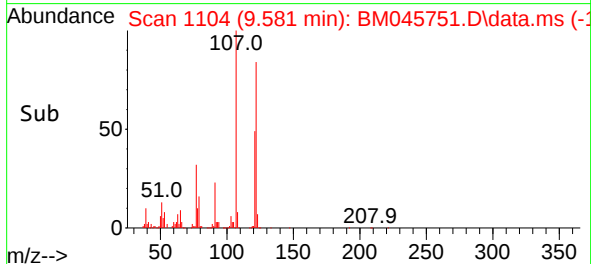
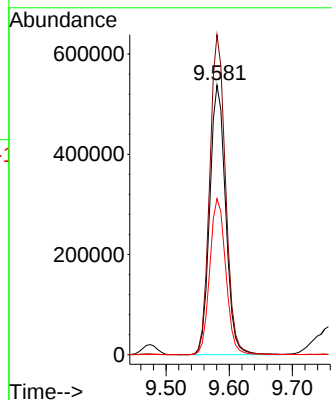
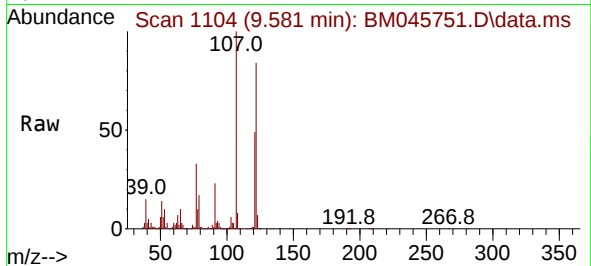




#27
2,4-Dimethylphenol
Concen: 64.422 ng
RT: 9.581 min Scan# 1105
Delta R.T. -0.006 min
Lab File: BM045751.D
Acq: 23 May 2024 13:27

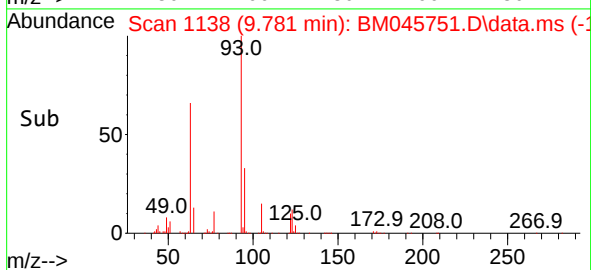
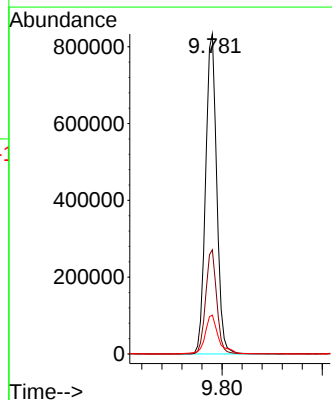
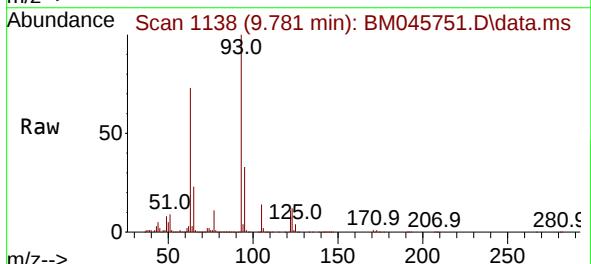
Instrument :
BNA_M
ClientSampleId :
PB161074BSD

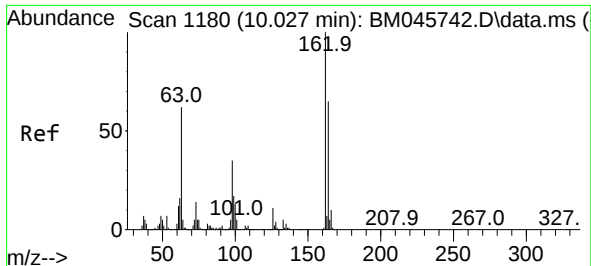
Tgt Ion:122 Resp: 939566
Ion Ratio Lower Upper
122 100
107 118.8 93.9 140.9
121 57.9 46.1 69.1



#28
bis(2-Chloroethoxy)methane
Concen: 43.617 ng
RT: 9.781 min Scan# 1138
Delta R.T. -0.006 min
Lab File: BM045751.D
Acq: 23 May 2024 13:27

Tgt Ion: 93 Resp: 1284216
Ion Ratio Lower Upper
93 100
95 32.5 25.8 38.8
123 12.1 9.8 14.8





#29

2,4-Dichlorophenol

Concen: 48.018 ng

RT: 10.022 min Scan# 11

Delta R.T. -0.005 min

Lab File: BM045751.D

Acq: 23 May 2024 13:27

Instrument :

BNA_M

ClientSampleId :

PB161074BSD

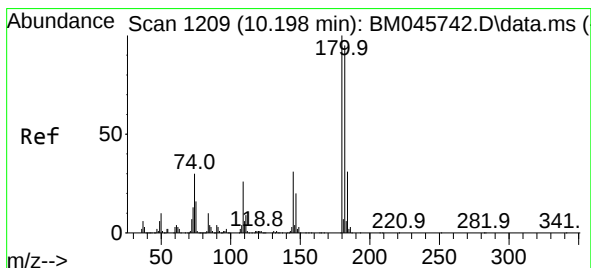
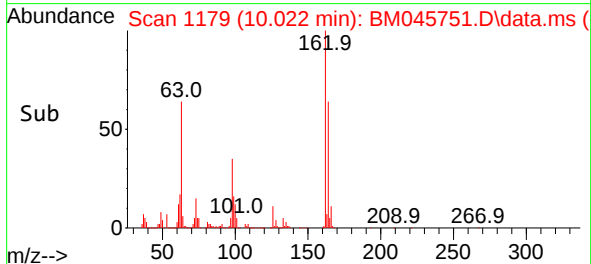
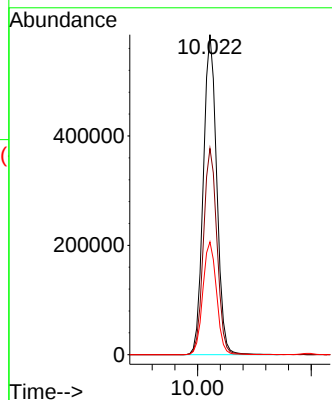
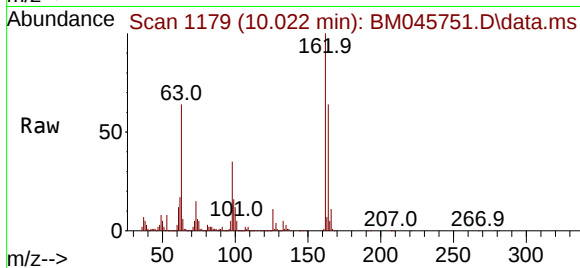
Tgt Ion:162 Resp: 957684

Ion Ratio Lower Upper

162 100

164 64.5 45.4 85.4

98 35.3 15.5 55.5



#30

1,2,4-Trichlorobenzene

Concen: 42.135 ng

RT: 10.192 min Scan# 1208

Delta R.T. -0.006 min

Lab File: BM045751.D

Acq: 23 May 2024 13:27

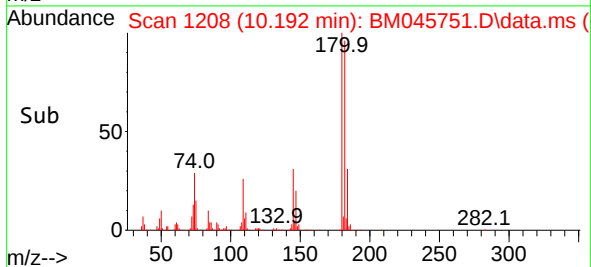
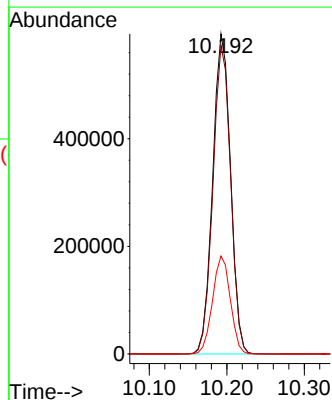
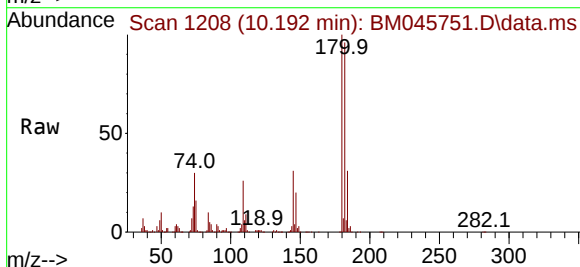
Tgt Ion:180 Resp: 951590

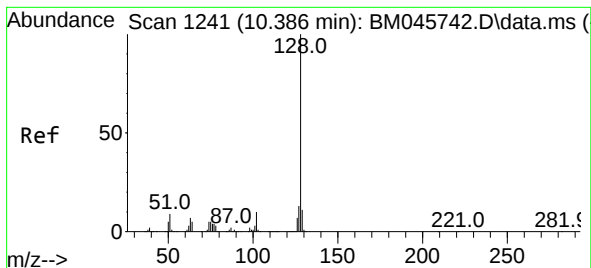
Ion Ratio Lower Upper

180 100

182 96.4 76.0 114.0

145 30.6 24.6 37.0

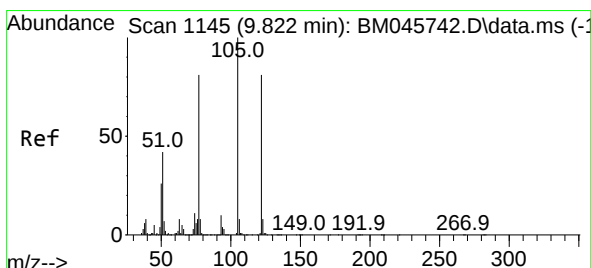
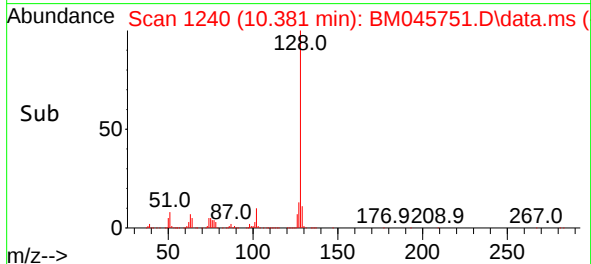
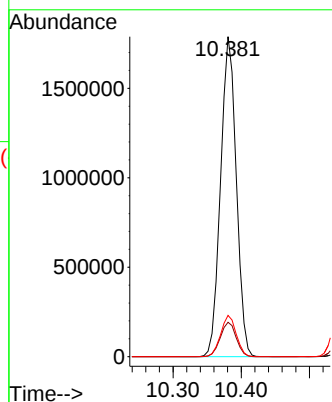
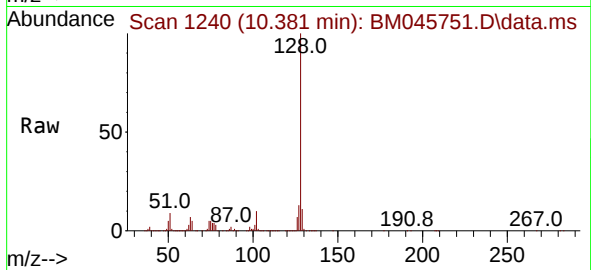




#31
Naphthalene
Concen: 41.484 ng
RT: 10.381 min Scan# 1144
Delta R.T. -0.005 min
Lab File: BM045751.D
Acq: 23 May 2024 13:27

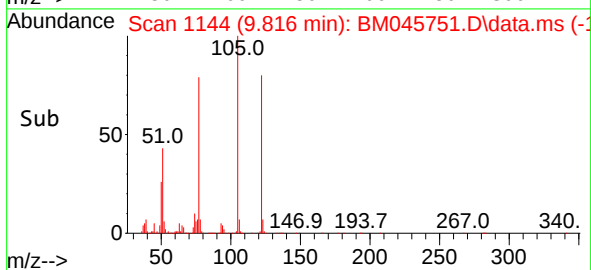
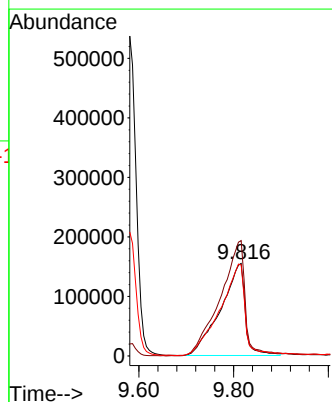
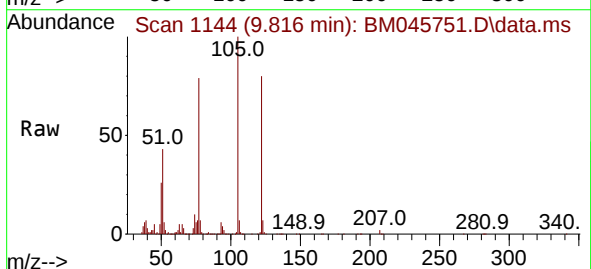
Instrument :
BNA_M
ClientSampleId :
PB161074BSD

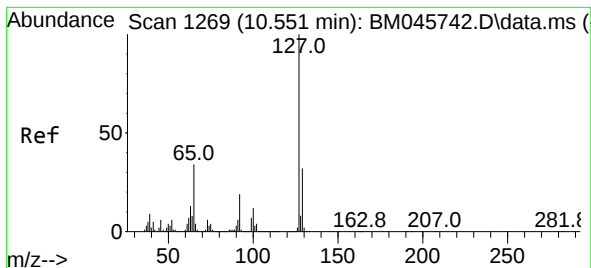
Tgt Ion:128 Resp: 2871875
Ion Ratio Lower Upper
128 100
129 10.8 8.6 13.0
127 12.9 10.2 15.2



#32
Benzoic acid
Concen: 41.492 ng
RT: 9.816 min Scan# 1144
Delta R.T. -0.006 min
Lab File: BM045751.D
Acq: 23 May 2024 13:27

Tgt Ion:122 Resp: 557546
Ion Ratio Lower Upper
122 100
105 124.9 103.0 143.0
77 98.7 79.9 119.9

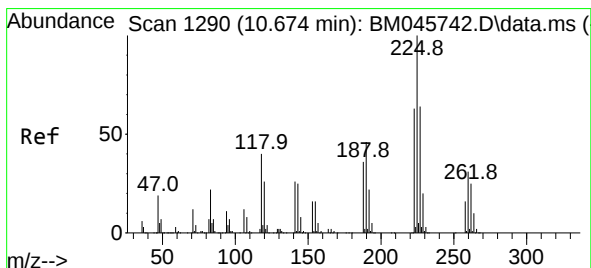
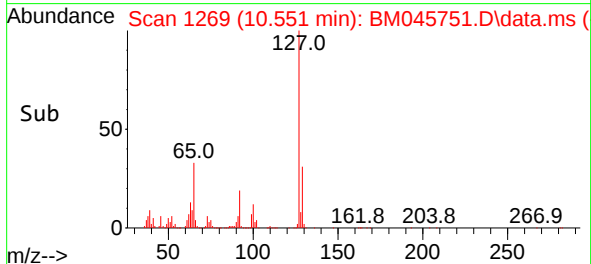
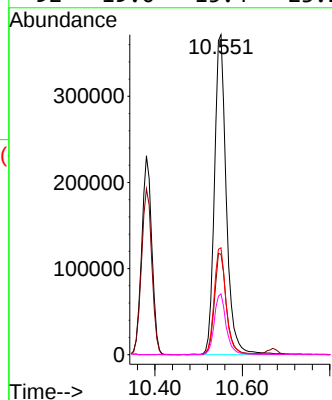
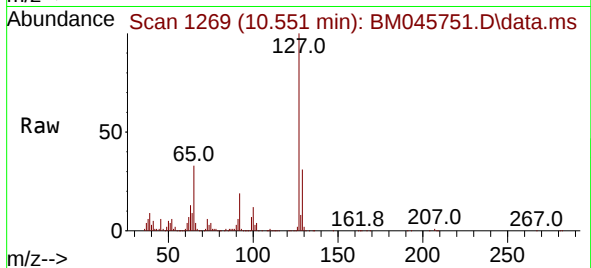




#33
4-Chloroaniline
Concen: 26.619 ng
RT: 10.551 min Scan# 1269
Delta R.T. 0.000 min
Lab File: BM045751.D
Acq: 23 May 2024 13:27

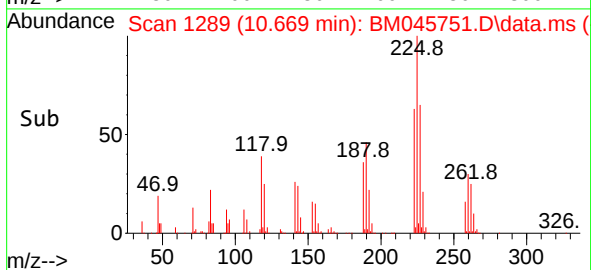
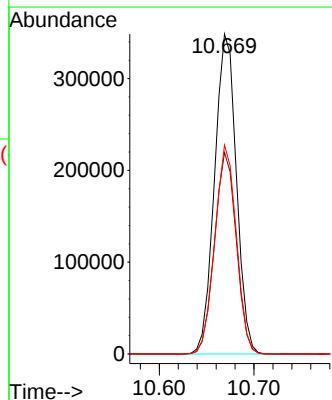
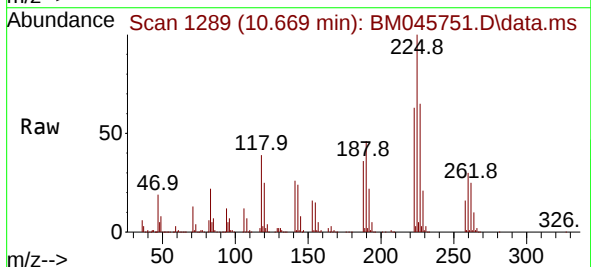
Instrument :
BNA_M
ClientSampleId :
PB161074BSD

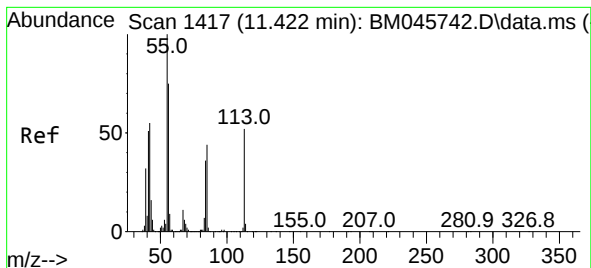
Tgt Ion:	127	Resp:	703451
Ion	Ratio	Lower	Upper
127	100		
129	31.4	25.7	38.5
65	33.4	27.3	40.9
92	19.0	15.4	23.2



#34
Hexachlorobutadiene
Concen: 40.276 ng
RT: 10.669 min Scan# 1289
Delta R.T. -0.006 min
Lab File: BM045751.D
Acq: 23 May 2024 13:27

Tgt Ion:	225	Resp:	557664
Ion	Ratio	Lower	Upper
225	100		
223	63.0	50.5	75.7
227	65.3	51.0	76.6

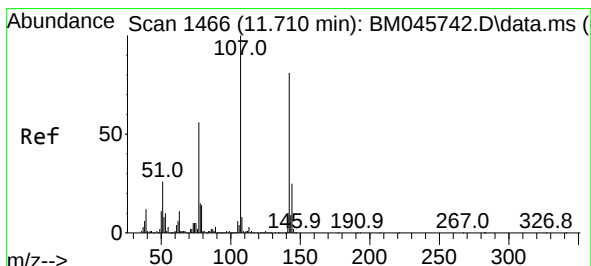
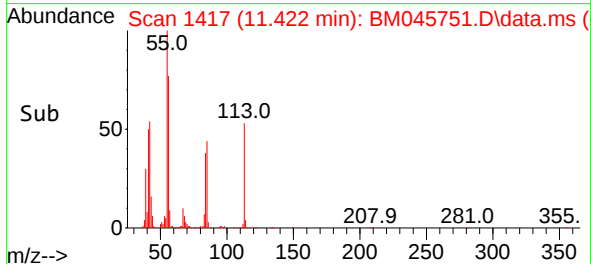
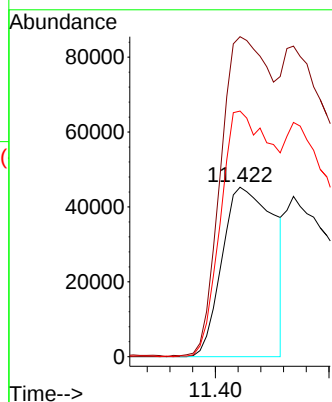
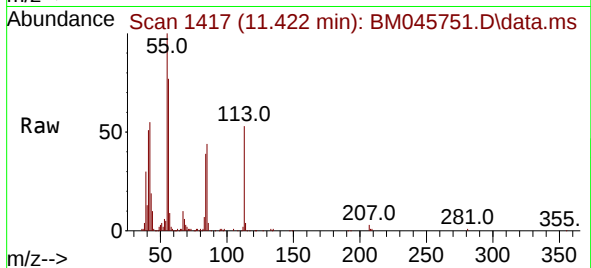




#35
Caprolactam
Concen: 22.267 ng
RT: 11.422 min Scan# 1417
Delta R.T. 0.000 min
Lab File: BM045751.D
Acq: 23 May 2024 13:27

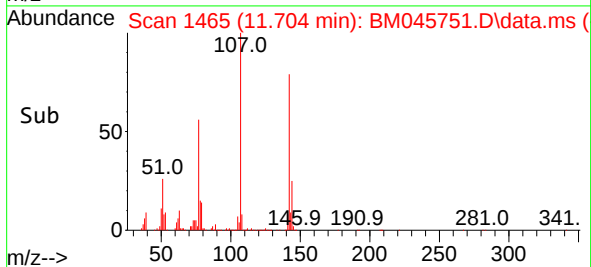
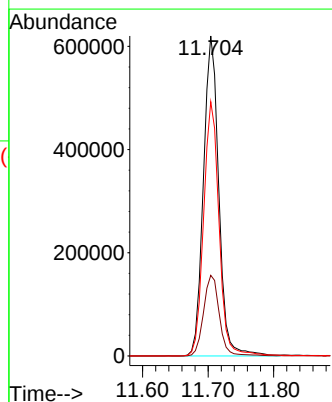
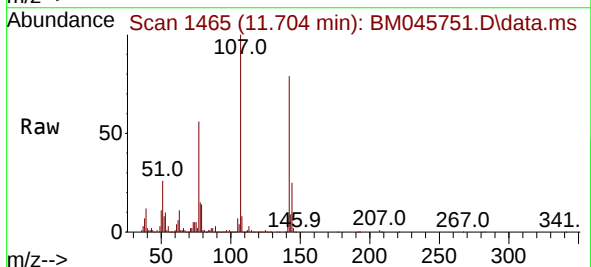
Instrument :
BNA_M
ClientSampleId :
PB161074BSD

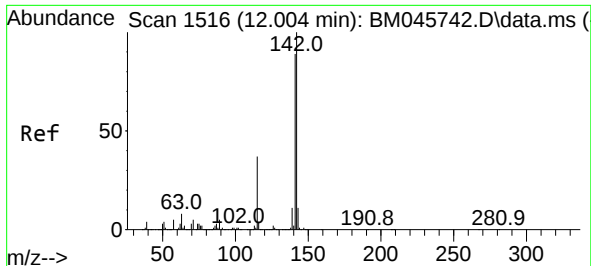
Tgt Ion:113 Resp: 143632
Ion Ratio Lower Upper
113 100
55 188.9 171.1 211.1
56 145.0 123.3 163.3



#36
4-Chloro-3-methylphenol
Concen: 44.771 ng
RT: 11.704 min Scan# 1465
Delta R.T. -0.006 min
Lab File: BM045751.D
Acq: 23 May 2024 13:27

Tgt Ion:107 Resp: 1015371
Ion Ratio Lower Upper
107 100
144 25.2 20.4 30.6
142 79.5 64.7 97.1

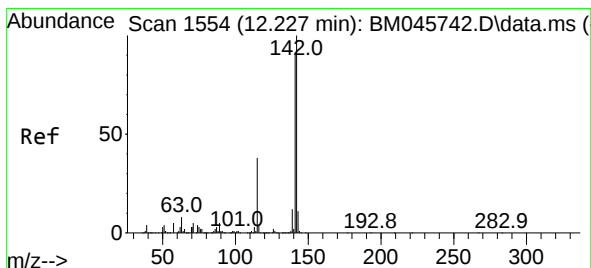
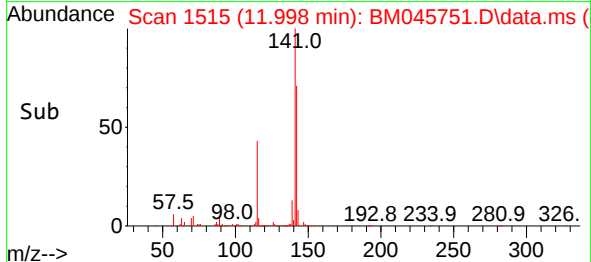
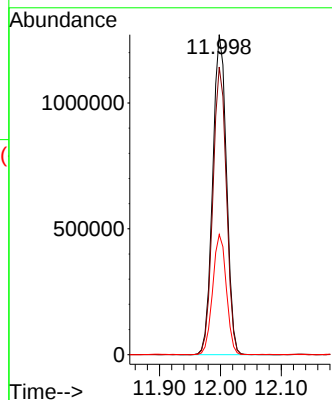
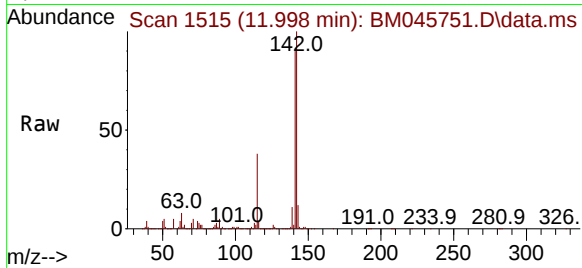




#37
2-Methylnaphthalene
Concen: 41.549 ng
RT: 11.998 min Scan# 1515
Delta R.T. -0.006 min
Lab File: BM045751.D
Acq: 23 May 2024 13:27

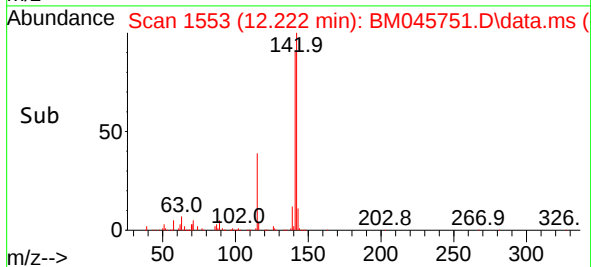
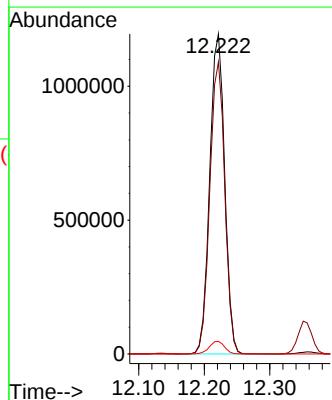
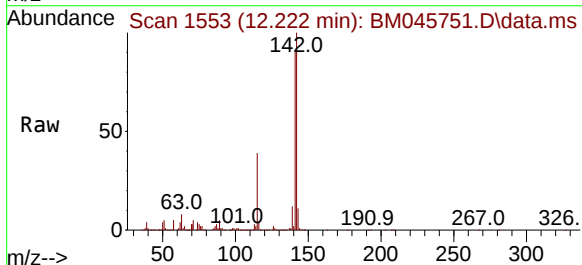
Instrument :
BNA_M
ClientSampleId :
PB161074BSD

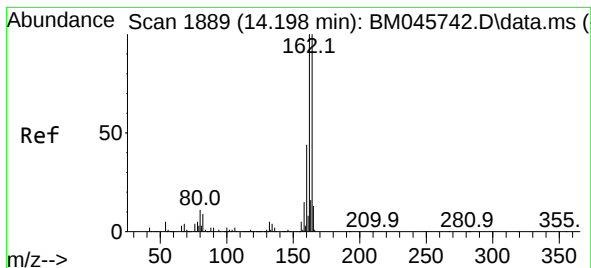
Tgt Ion:142 Resp: 2003617
Ion Ratio Lower Upper
142 100
141 89.9 71.1 106.7
115 37.5 29.4 44.0



#38
1-Methylnaphthalene
Concen: 39.752 ng
RT: 12.222 min Scan# 1553
Delta R.T. -0.006 min
Lab File: BM045751.D
Acq: 23 May 2024 13:27

Tgt Ion:142 Resp: 1891379
Ion Ratio Lower Upper
142 100
141 91.3 72.8 109.2
116 3.9 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: BM045751.D

Acq: 23 May 2024 13:27

Instrument :

BNA_M

ClientSampleId :

PB161074BSD

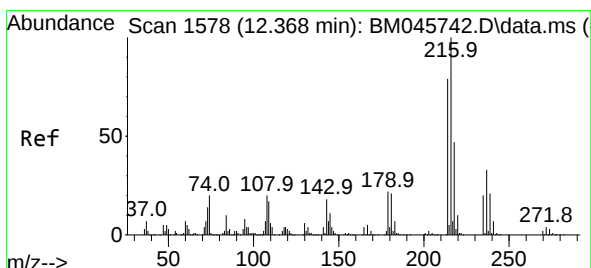
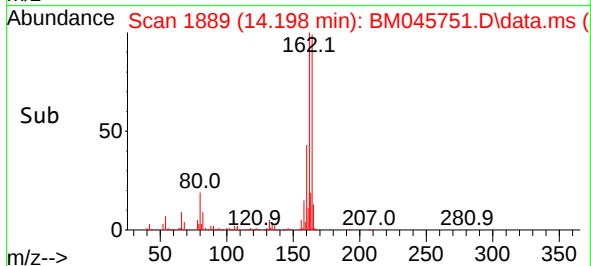
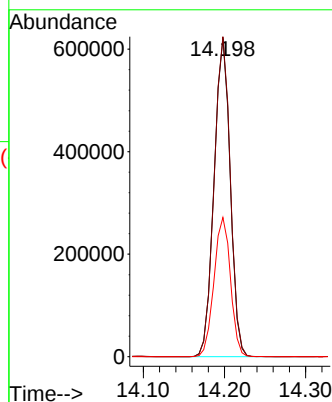
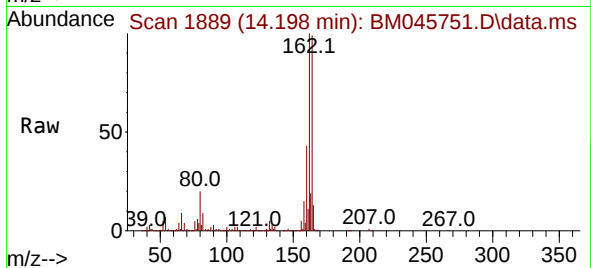
Tgt Ion:164 Resp: 858350

Ion Ratio Lower Upper

164 100

162 100.5 79.9 119.9

160 43.7 35.0 52.6



#40

1,2,4,5-Tetrachlorobenzene

Concen: 44.314 ng

RT: 12.369 min Scan# 1578

Delta R.T. 0.000 min

Lab File: BM045751.D

Acq: 23 May 2024 13:27

Tgt Ion:216 Resp: 980947

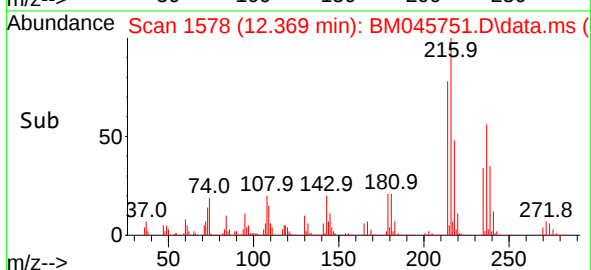
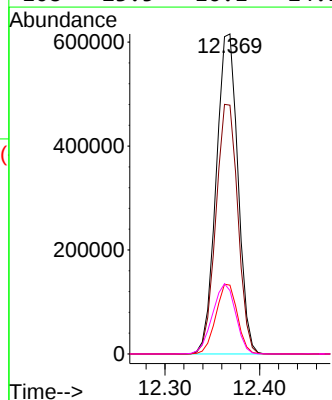
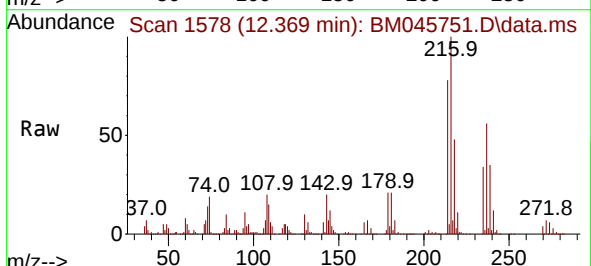
Ion Ratio Lower Upper

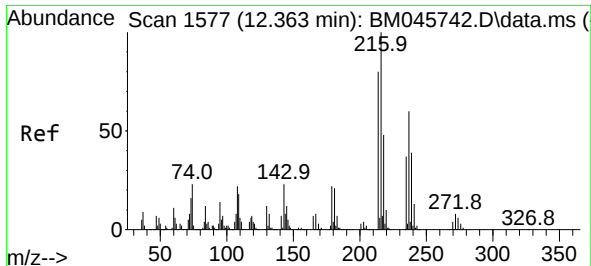
216 100

214 78.7 62.6 94.0

179 21.6 17.4 26.2

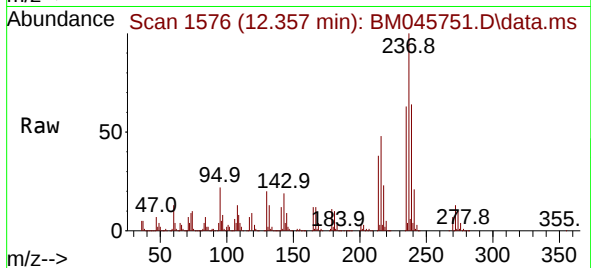
108 23.5 16.1 24.1



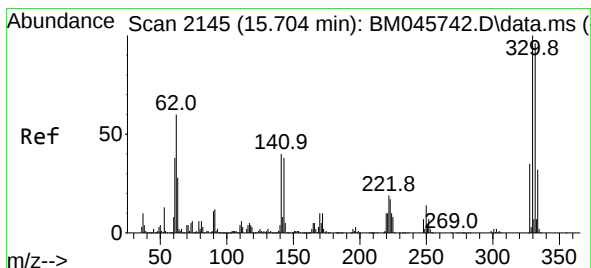
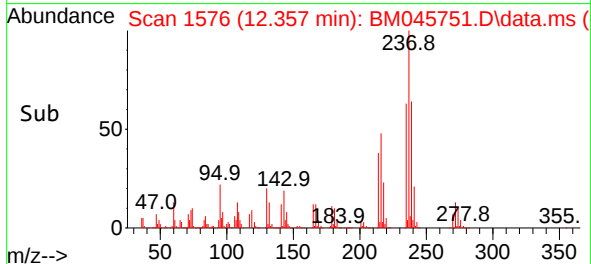
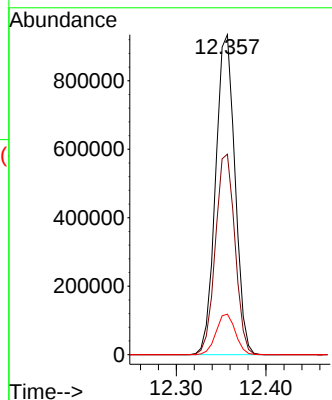


#41
Hexachlorocyclopentadiene
Concen: 151.285 ng
RT: 12.357 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM045751.D
Acq: 23 May 2024 13:27

Instrument :
BNA_M
ClientSampleId :
PB161074BSD

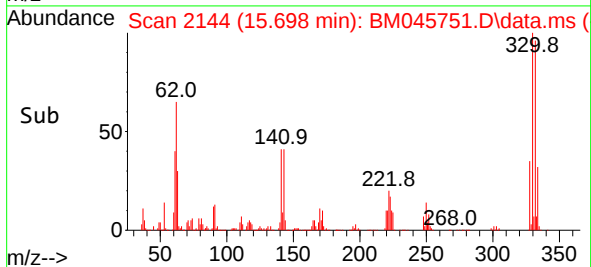
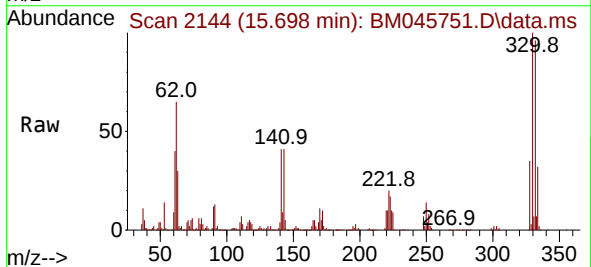
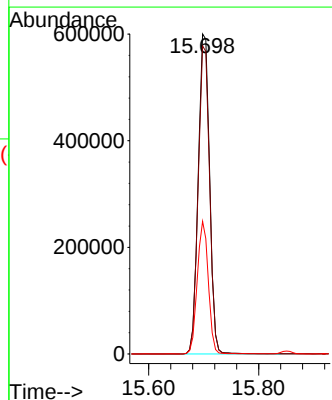


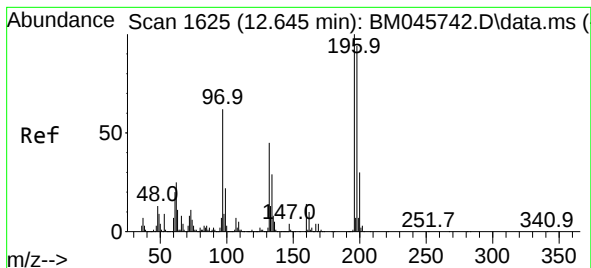
Tgt Ion:237 Resp: 1401608
Ion Ratio Lower Upper
237 100
235 62.7 41.8 81.8
272 12.7 0.0 32.9



#42
2,4,6-Tribromophenol
Concen: 95.119 ng
RT: 15.698 min Scan# 2144
Delta R.T. -0.006 min
Lab File: BM045751.D
Acq: 23 May 2024 13:27

Tgt Ion:330 Resp: 864769
Ion Ratio Lower Upper
330 100
332 96.3 77.2 115.8
141 40.1 32.2 48.4





#43

2,4,6-Trichlorophenol

Concen: 49.830 ng

RT: 12.645 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM045751.D

Acq: 23 May 2024 13:27

Instrument :

BNA_M

ClientSampleId :

PB161074BSD

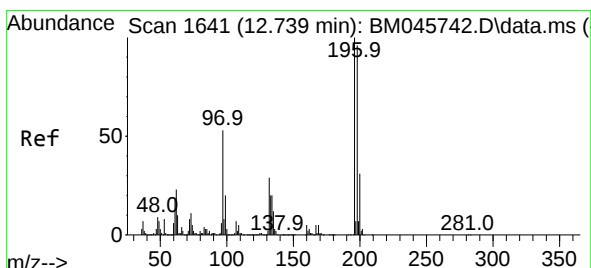
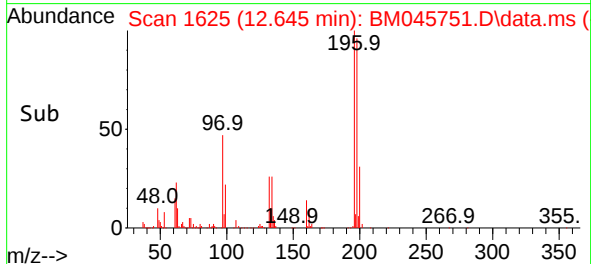
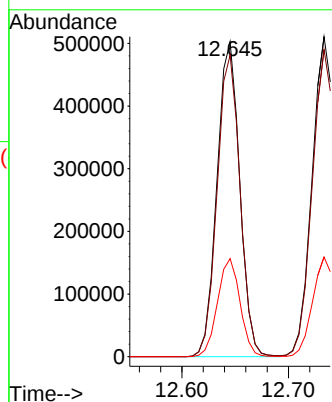
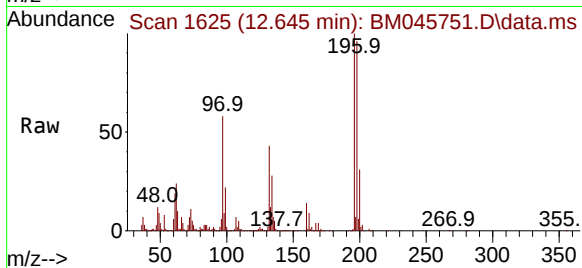
Tgt Ion:196 Resp: 744424

Ion Ratio Lower Upper

196 100

198 95.8 75.4 113.0

200 31.1 24.3 36.5



#44

2,4,5-Trichlorophenol

Concen: 48.166 ng

RT: 12.733 min Scan# 1640

Delta R.T. -0.006 min

Lab File: BM045751.D

Acq: 23 May 2024 13:27

Tgt Ion:196 Resp: 800845

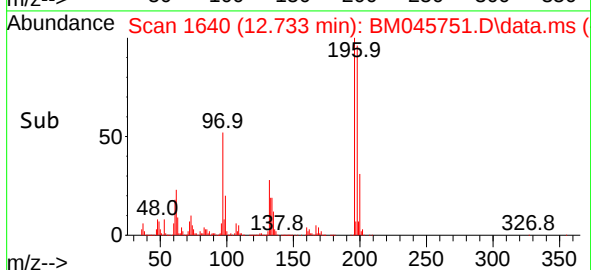
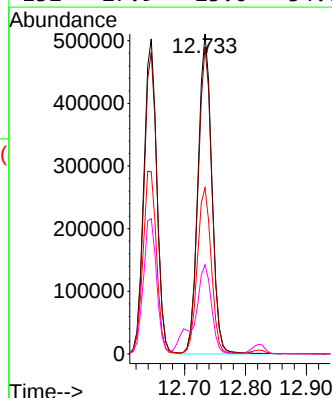
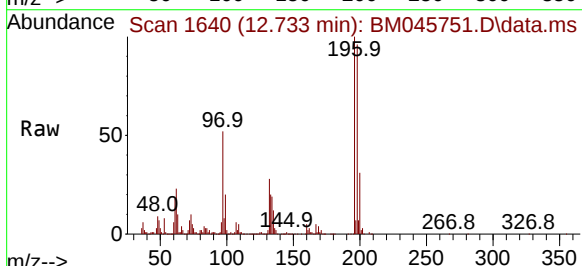
Ion Ratio Lower Upper

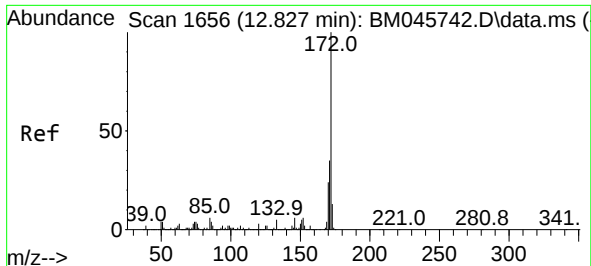
196 100

198 95.9 77.2 115.8

97 51.9 42.6 64.0

132 27.9 23.0 34.6

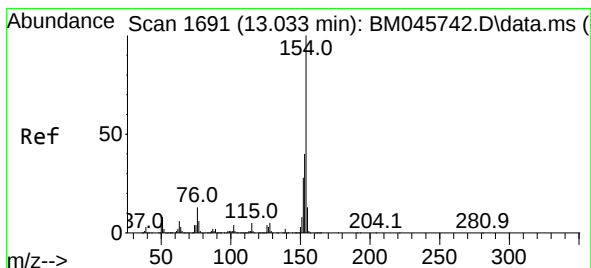
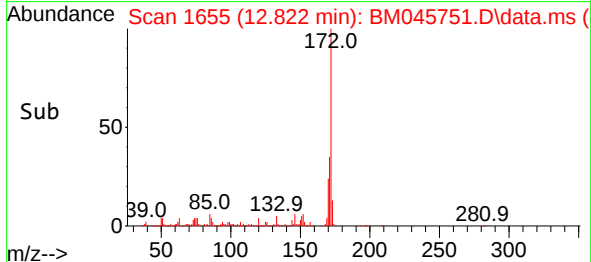
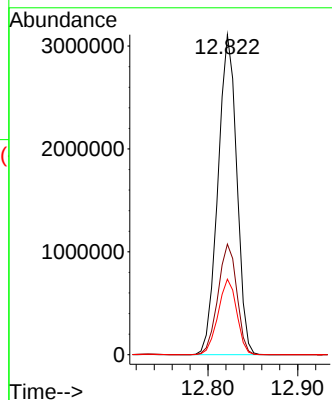
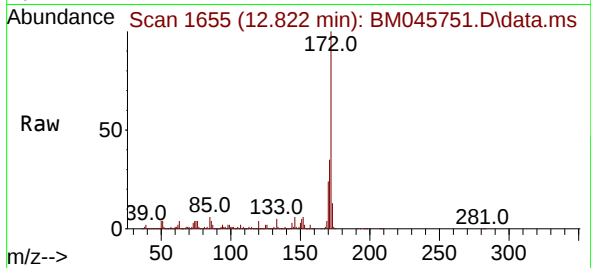




#45
2-Fluorobiphenyl
Concen: 84.704 ng
RT: 12.822 min Scan# 1656
Delta R.T. -0.006 min
Lab File: BM045751.D
Acq: 23 May 2024 13:27

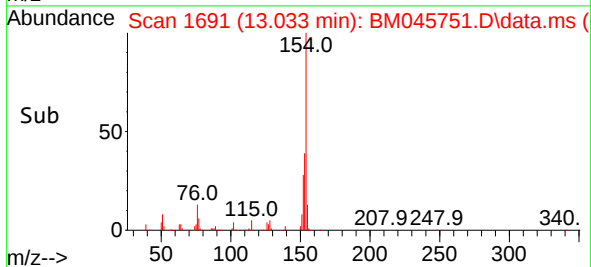
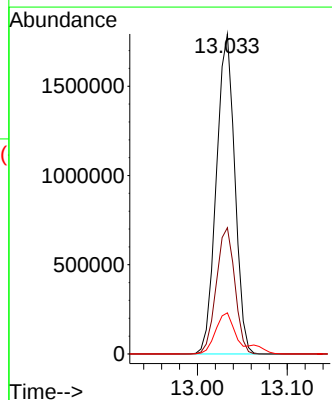
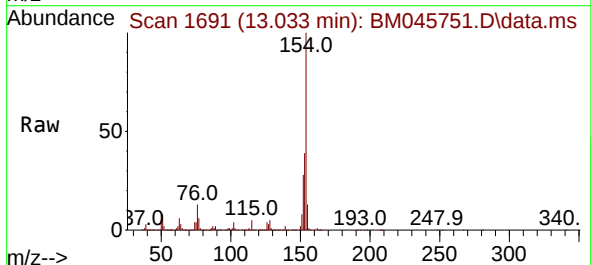
Instrument :
BNA_M
ClientSampleId :
PB161074BSD

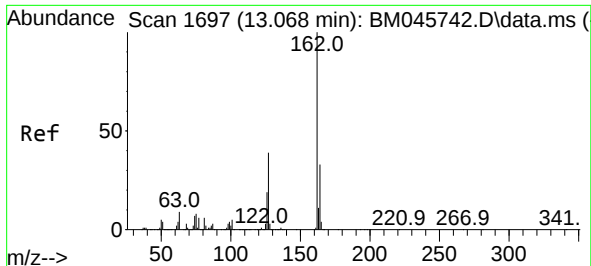
Tgt Ion:172 Resp: 4523657
Ion Ratio Lower Upper
172 100
171 34.5 27.9 41.9
170 23.6 18.8 28.2



#46
1,1'-Biphenyl
Concen: 44.095 ng
RT: 13.033 min Scan# 1691
Delta R.T. 0.000 min
Lab File: BM045751.D
Acq: 23 May 2024 13:27

Tgt Ion:154 Resp: 2551281
Ion Ratio Lower Upper
154 100
153 39.5 19.8 59.8
76 12.9 0.0 33.0

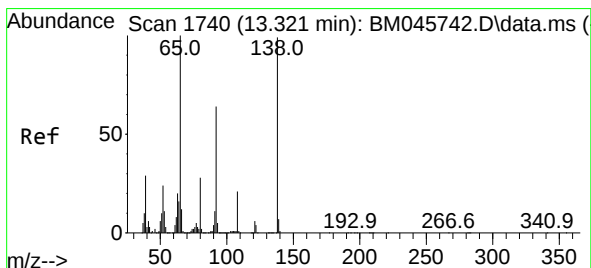
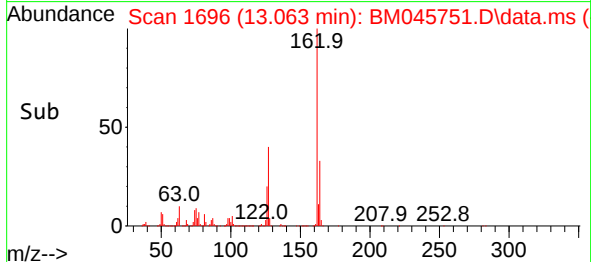
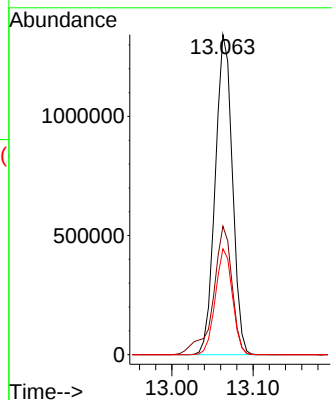
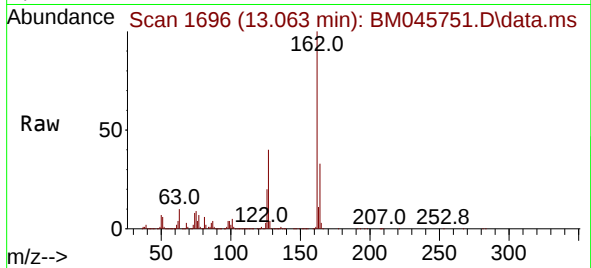




#47
2-Chloronaphthalene
Concen: 43.582 ng
RT: 13.063 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM045751.D
Acq: 23 May 2024 13:27

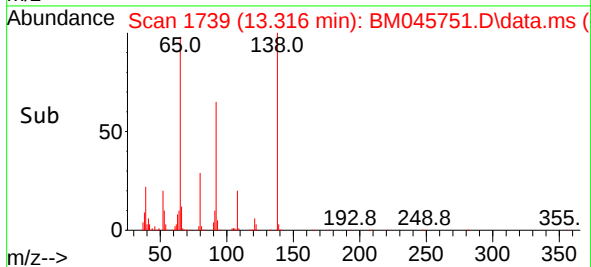
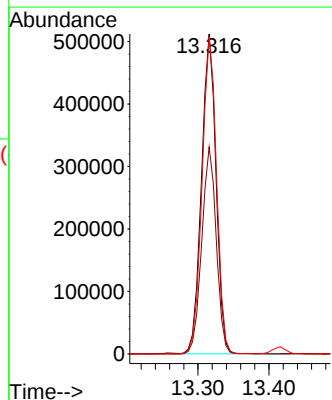
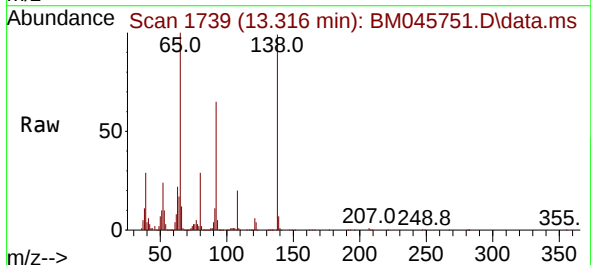
Instrument :
BNA_M
ClientSampleId :
PB161074BSD

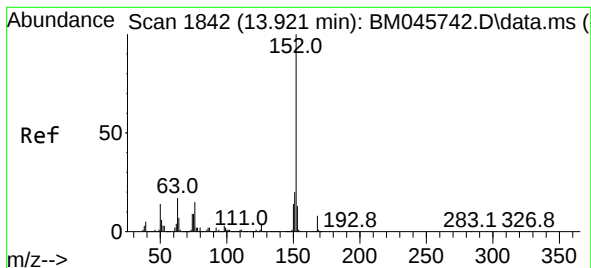
Tgt Ion:162 Resp: 1973387
Ion Ratio Lower Upper
162 100
127 40.2 31.7 47.5
164 33.1 26.2 39.2



#48
2-Nitroaniline
Concen: 51.081 ng
RT: 13.316 min Scan# 1739
Delta R.T. -0.005 min
Lab File: BM045751.D
Acq: 23 May 2024 13:27

Tgt Ion: 65 Resp: 729829
Ion Ratio Lower Upper
65 100
92 64.7 50.8 76.2
138 99.1 79.4 119.2





#49

Acenaphthylene

Concen: 46.279 ng

RT: 13.922 min Scan# 1842

Delta R.T. 0.000 min

Lab File: BM045751.D

Acq: 23 May 2024 13:27

Instrument :

BNA_M

ClientSampleId :

PB161074BSD

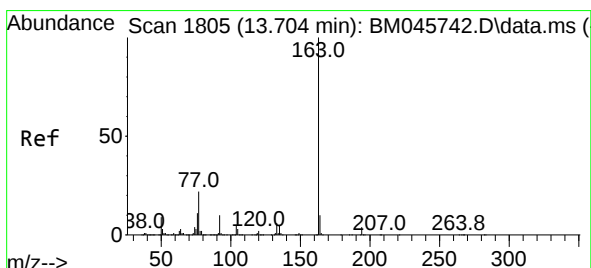
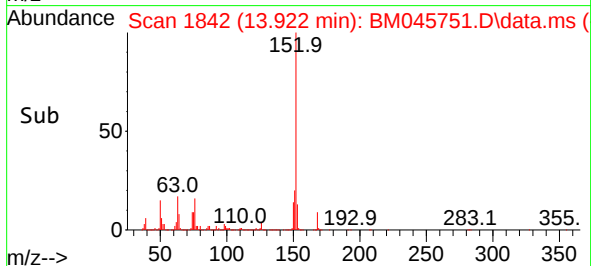
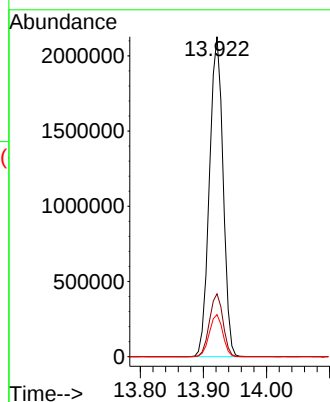
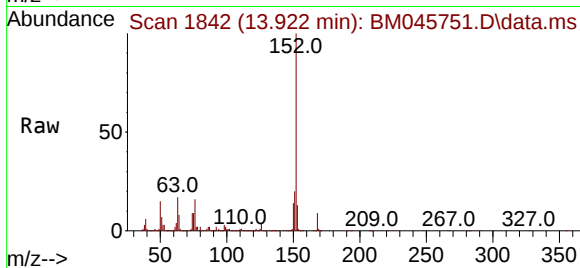
Tgt Ion:152 Resp: 3177502

Ion Ratio Lower Upper

152 100

151 19.7 15.7 23.5

153 13.2 10.5 15.7



#50

Dimethylphthalate

Concen: 45.919 ng

RT: 13.698 min Scan# 1804

Delta R.T. -0.006 min

Lab File: BM045751.D

Acq: 23 May 2024 13:27

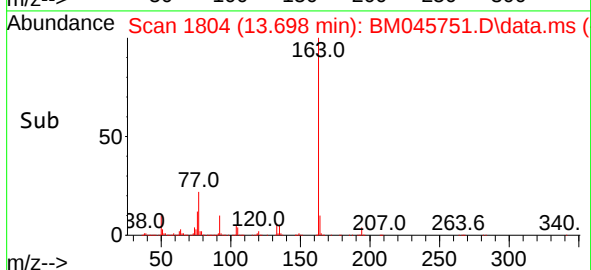
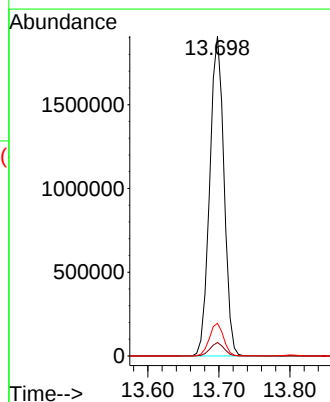
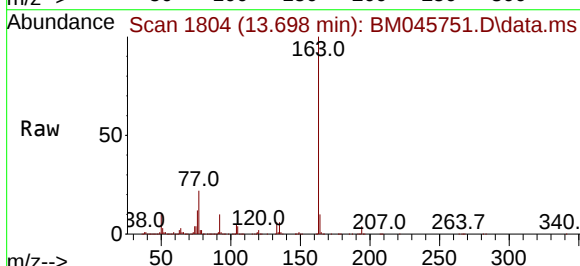
Tgt Ion:163 Resp: 2666128

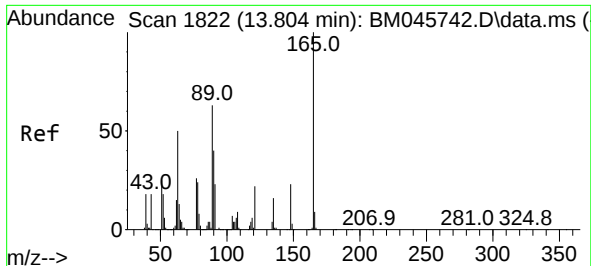
Ion Ratio Lower Upper

163 100

194 4.2 3.3 4.9

164 10.2 8.1 12.1

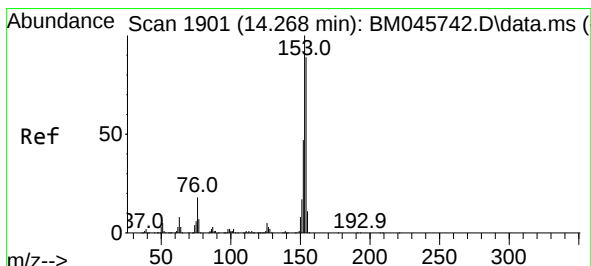
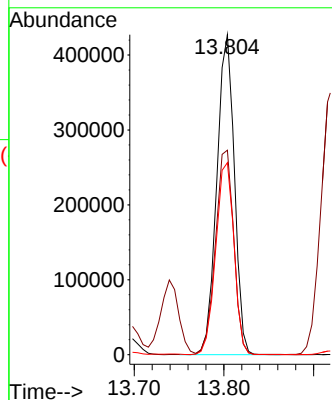
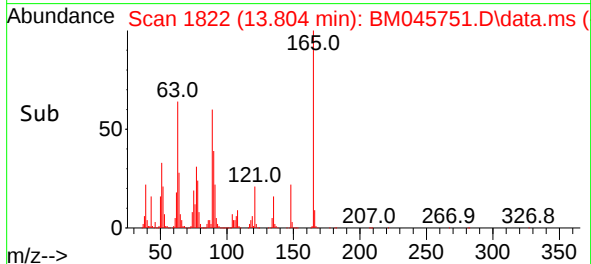
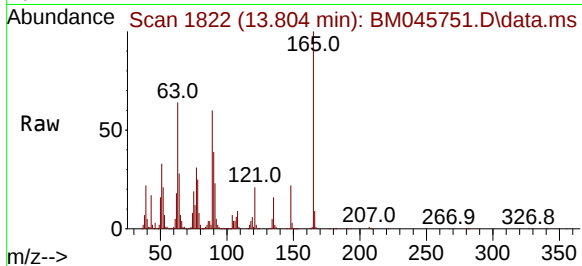




#51
2,6-Dinitrotoluene
Concen: 46.581 ng
RT: 13.804 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM045751.D
Acq: 23 May 2024 13:27

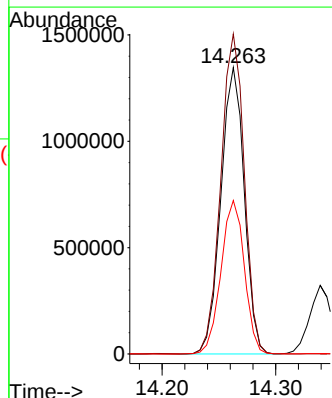
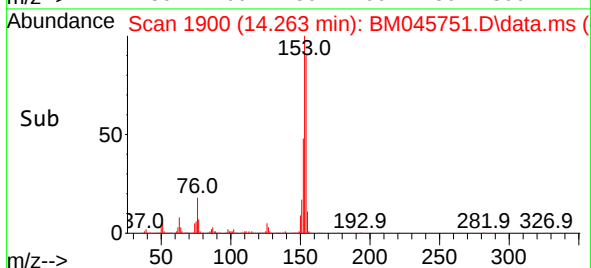
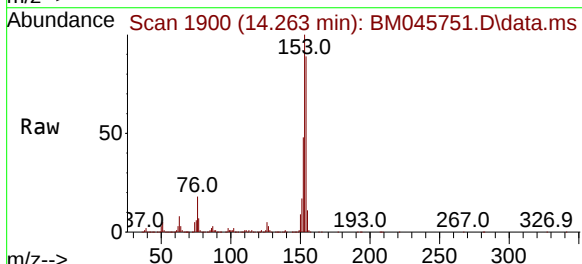
Instrument :
BNA_M
ClientSampleId :
PB161074BSD

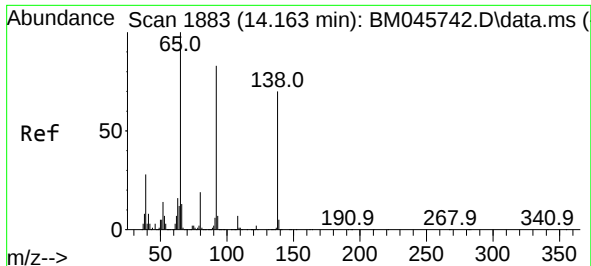
Tgt Ion:165 Resp: 580472
Ion Ratio Lower Upper
165 100
63 63.9 53.8 80.8
89 60.0 50.6 75.8



#52
Acenaphthene
Concen: 44.812 ng
RT: 14.263 min Scan# 1900
Delta R.T. -0.005 min
Lab File: BM045751.D
Acq: 23 May 2024 13:27

Tgt Ion:154 Resp: 1928719
Ion Ratio Lower Upper
154 100
153 111.7 89.7 134.5
152 53.6 42.2 63.2

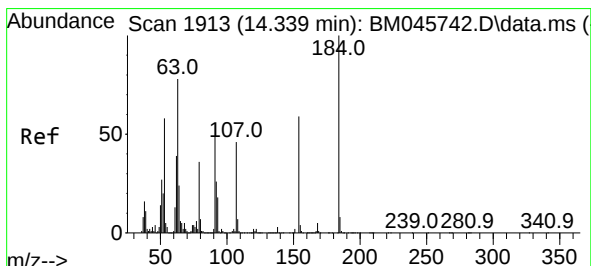
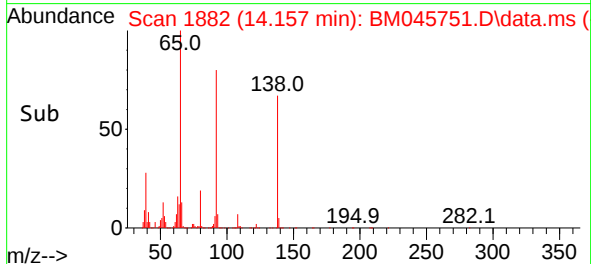
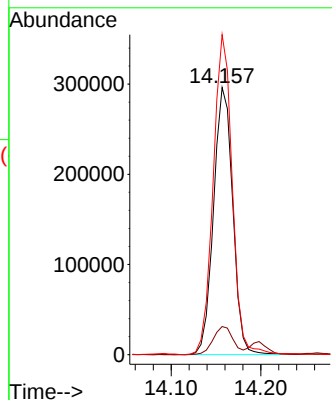
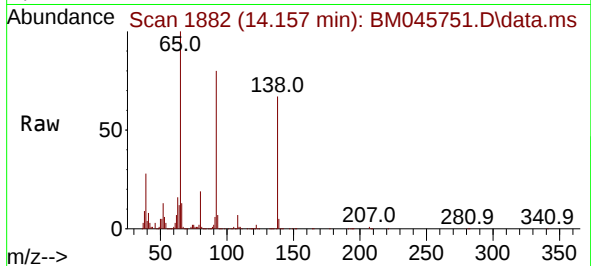




#53
3-Nitroaniline
Concen: 34.671 ng
RT: 14.157 min Scan# 1882
Delta R.T. -0.006 min
Lab File: BM045751.D
Acq: 23 May 2024 13:27

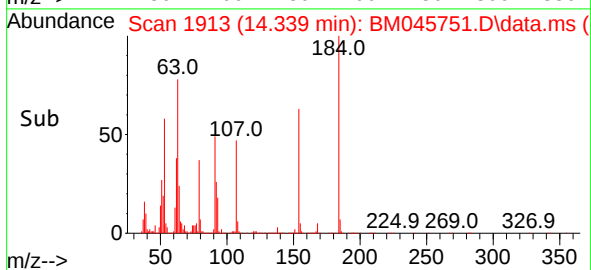
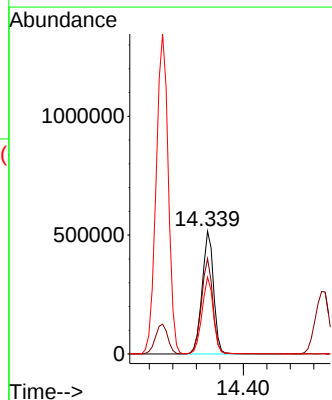
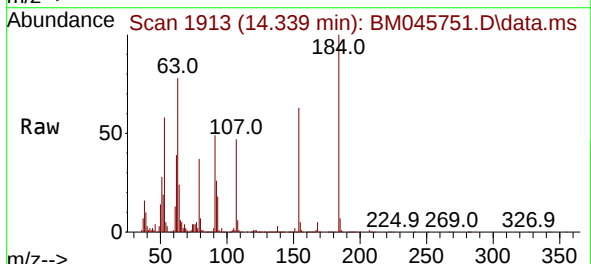
Instrument :
BNA_M
ClientSampleId :
PB161074BSD

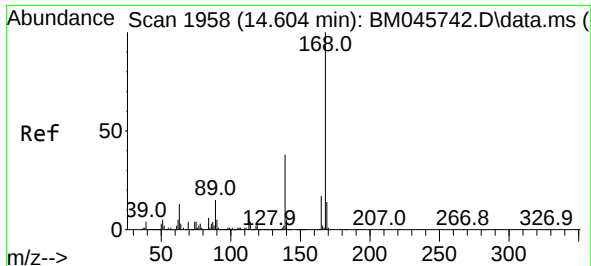
Tgt Ion:138 Resp: 440665
Ion Ratio Lower Upper
138 100
108 10.5 8.6 12.8
92 119.7 94.5 141.7



#54
2,4-Dinitrophenol
Concen: 95.975 ng
RT: 14.339 min Scan# 1913
Delta R.T. 0.000 min
Lab File: BM045751.D
Acq: 23 May 2024 13:27

Tgt Ion:184 Resp: 697717
Ion Ratio Lower Upper
184 100
63 77.7 62.3 93.5
154 62.5 48.1 72.1

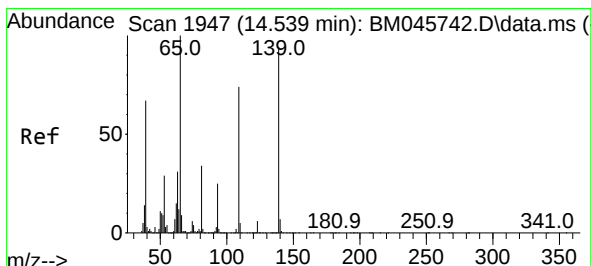
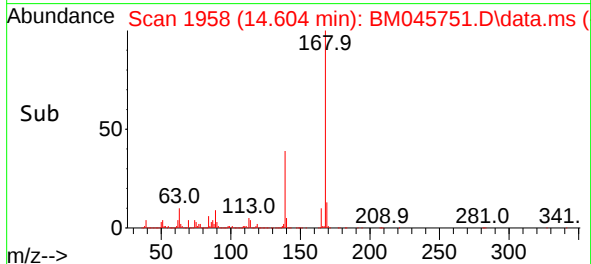
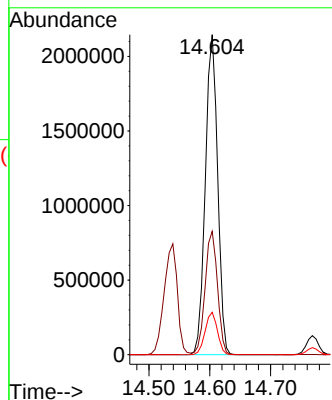
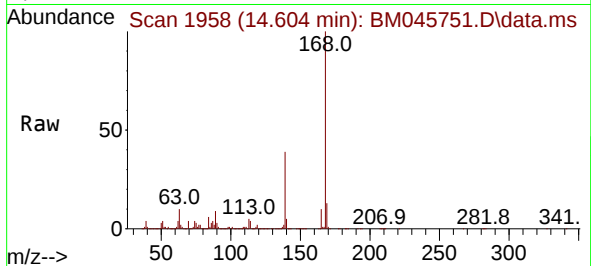




#55
Dibenzofuran
Concen: 44.426 ng
RT: 14.604 min Scan# 1958
Delta R.T. -0.000 min
Lab File: BM045751.D
Acq: 23 May 2024 13:27

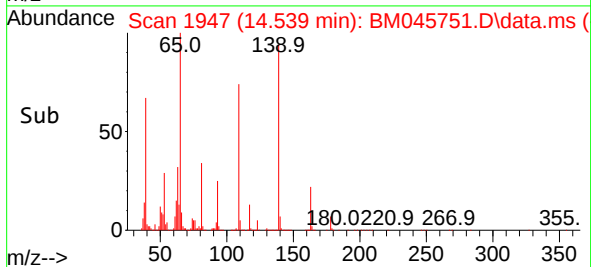
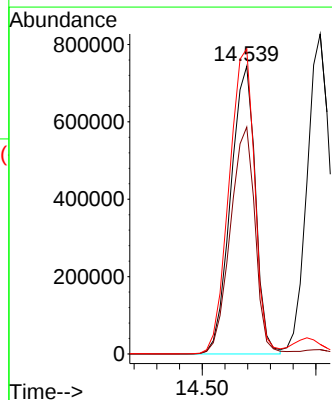
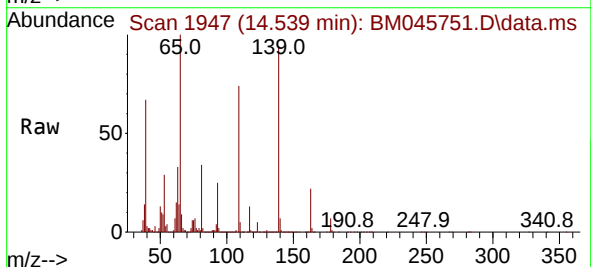
Instrument :
BNA_M
ClientSampleId :
PB161074BSD

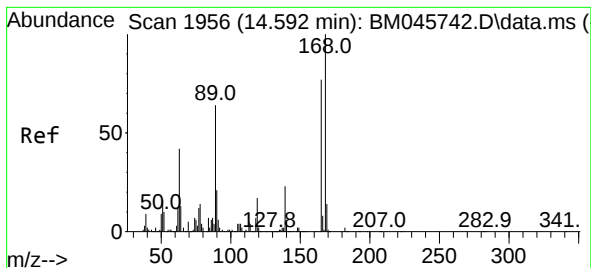
Tgt Ion:168 Resp: 3014297
Ion Ratio Lower Upper
168 100
139 38.5 31.5 47.3
169 13.3 10.9 16.3



#56
4-Nitrophenol
Concen: 104.047 ng
RT: 14.539 min Scan# 1947
Delta R.T. 0.000 min
Lab File: BM045751.D
Acq: 23 May 2024 13:27

Tgt Ion:139 Resp: 1124319
Ion Ratio Lower Upper
139 100
109 78.8 59.6 99.6
65 106.0 87.1 127.1

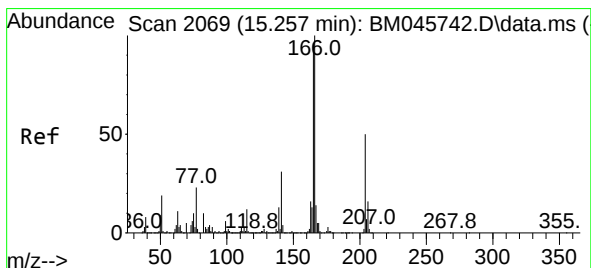
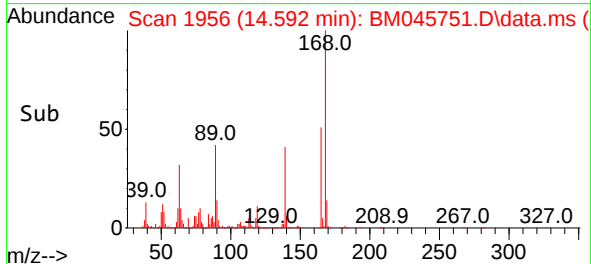
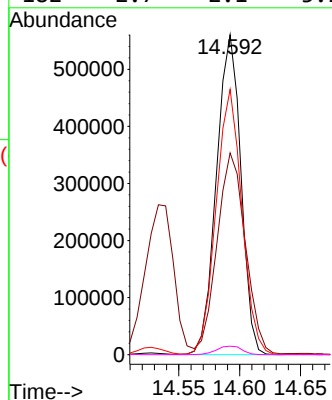
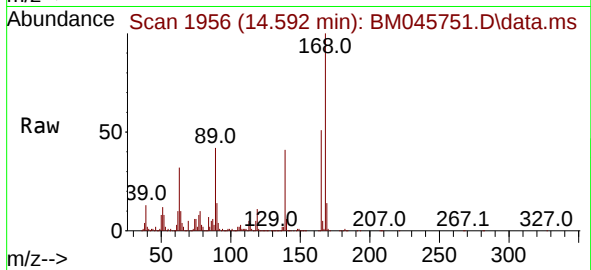




#57
2,4-Dinitrotoluene
Concen: 47.220 ng
RT: 14.592 min Scan# 1956
Delta R.T. 0.000 min
Lab File: BM045751.D
Acq: 23 May 2024 13:27

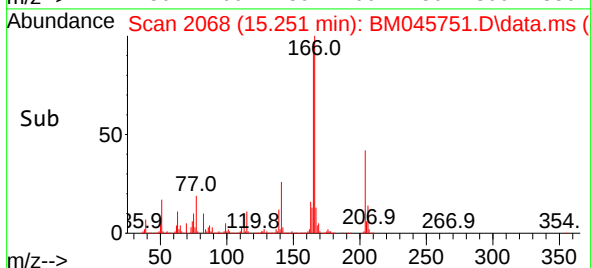
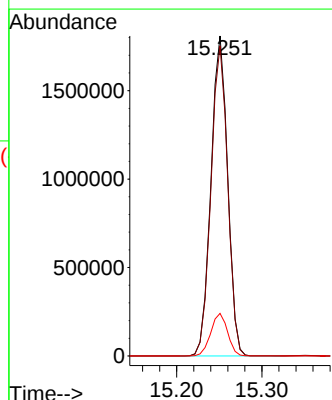
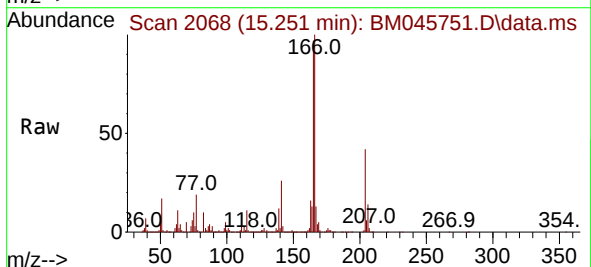
Instrument :
BNA_M
ClientSampleId :
PB161074BSD

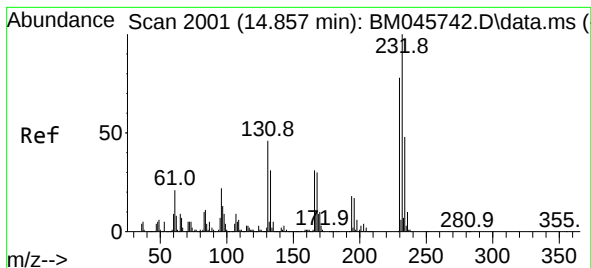
Tgt Ion:165 Resp: 781410
Ion Ratio Lower Upper
165 100
63 63.0 48.7 73.1
89 82.9 66.2 99.4
182 2.7 2.1 3.1



#58
Fluorene
Concen: 44.413 ng
RT: 15.251 min Scan# 2068
Delta R.T. -0.006 min
Lab File: BM045751.D
Acq: 23 May 2024 13:27

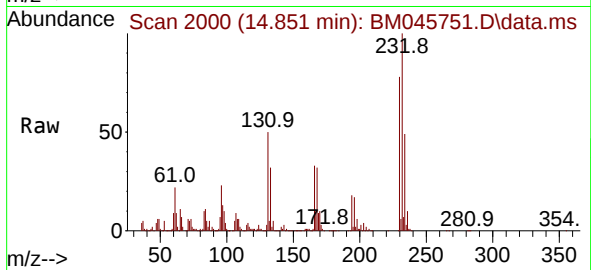
Tgt Ion:166 Resp: 2462937
Ion Ratio Lower Upper
166 100
165 97.0 77.0 115.4
167 13.3 10.9 16.3



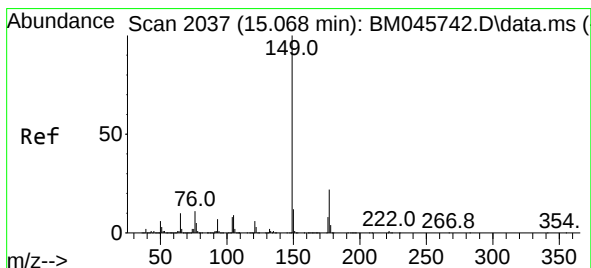
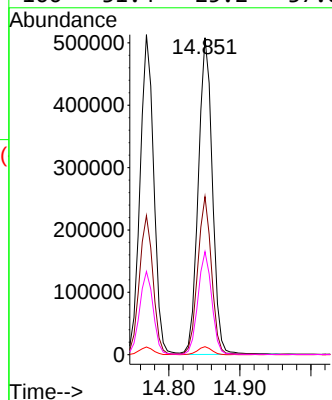
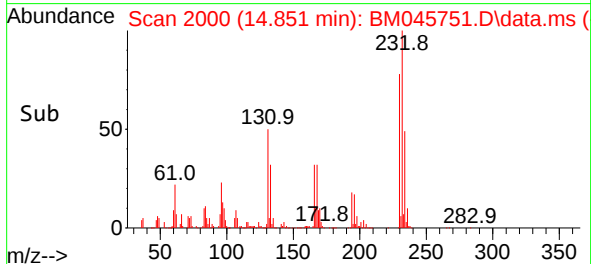


#59
2,3,4,6-Tetrachlorophenol
Concen: 50.836 ng
RT: 14.851 min Scan# 2001
Delta R.T. -0.006 min
Lab File: BM045751.D
Acq: 23 May 2024 13:27

Instrument :
BNA_M
ClientSampleId :
PB161074BSD

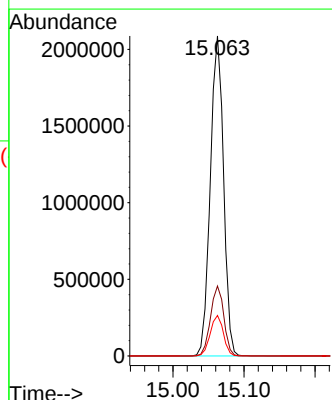
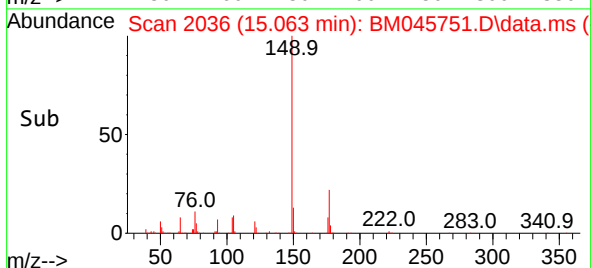
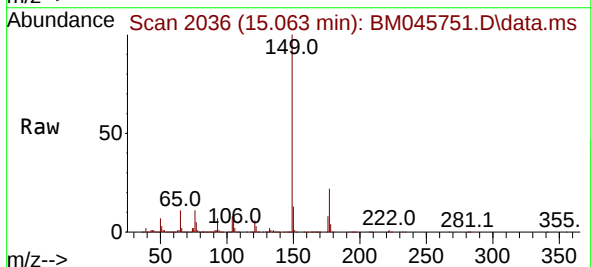


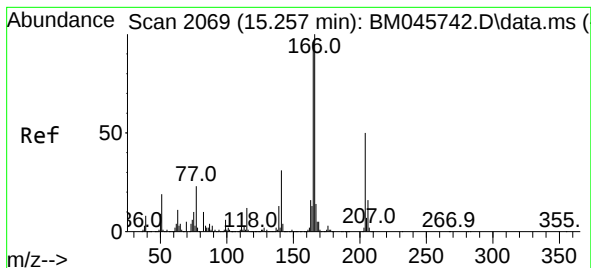
Tgt Ion:232 Resp: 702352
Ion Ratio Lower Upper
232 100
131 48.8 38.9 58.3
130 2.5 2.0 3.0
166 31.4 25.2 37.8



#60
Diethylphthalate
Concen: 44.547 ng
RT: 15.063 min Scan# 2036
Delta R.T. -0.006 min
Lab File: BM045751.D
Acq: 23 May 2024 13:27

Tgt Ion:149 Resp: 2702603
Ion Ratio Lower Upper
149 100
177 21.9 17.5 26.3
150 12.6 9.7 14.5

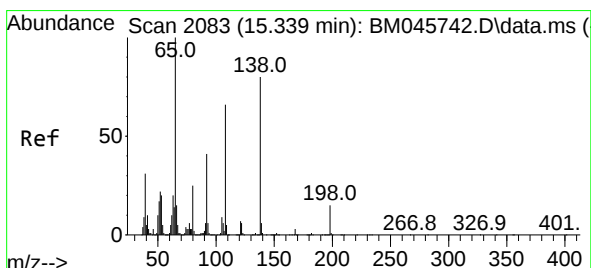
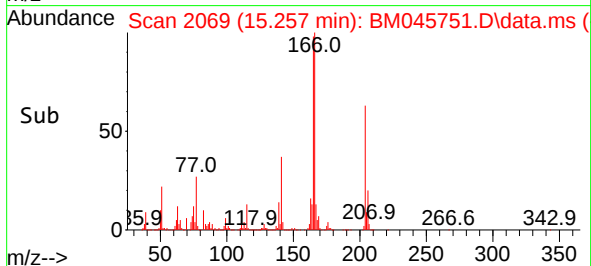
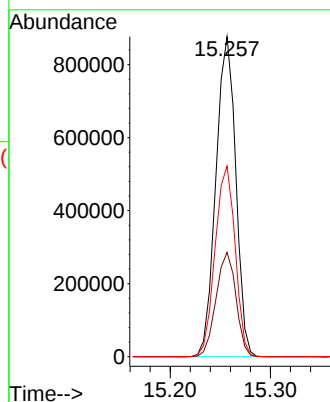
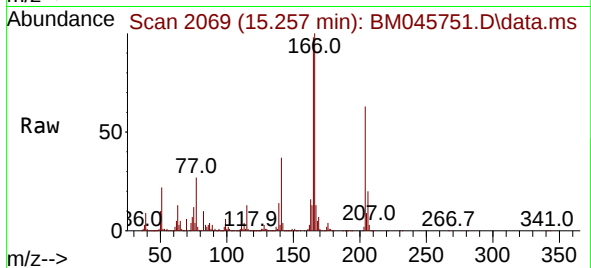




#61
4-Chlorophenyl-phenylether
Concen: 44.432 ng
RT: 15.257 min Scan# 2069
Delta R.T. 0.000 min
Lab File: BM045751.D
Acq: 23 May 2024 13:27

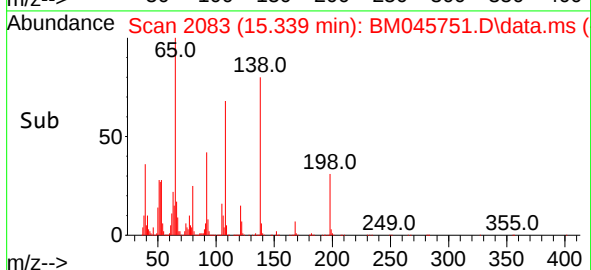
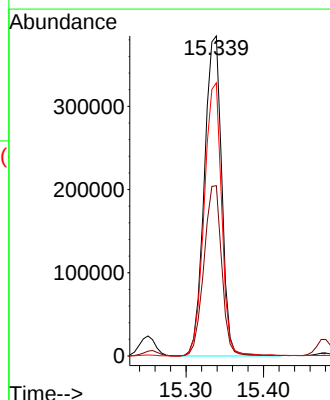
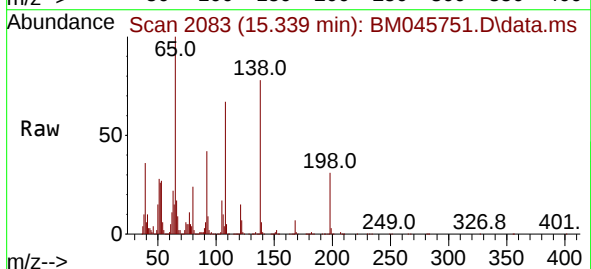
Instrument :
BNA_M
ClientSampleId :
PB161074BSD

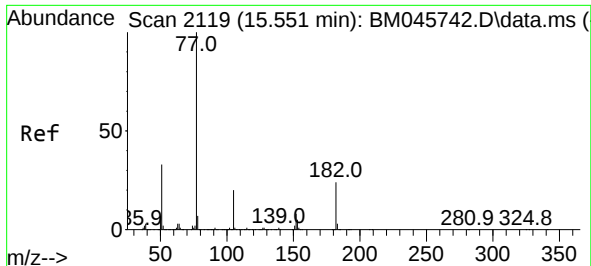
Tgt Ion:204 Resp: 1205812
Ion Ratio Lower Upper
204 100
206 32.6 25.9 38.9
141 59.6 49.8 74.6



#62
4-Nitroaniline
Concen: 47.525 ng
RT: 15.339 min Scan# 2083
Delta R.T. 0.000 min
Lab File: BM045751.D
Acq: 23 May 2024 13:27

Tgt Ion:138 Resp: 600001
Ion Ratio Lower Upper
138 100
92 53.2 32.0 72.0
108 85.3 62.6 102.6

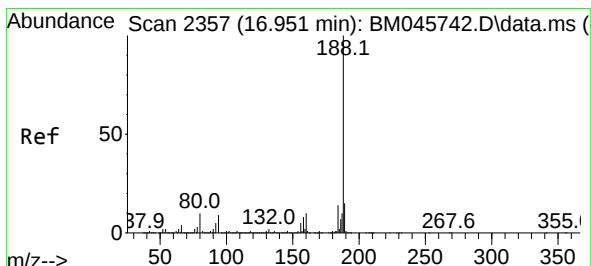
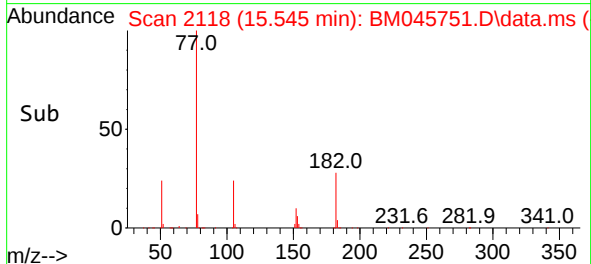
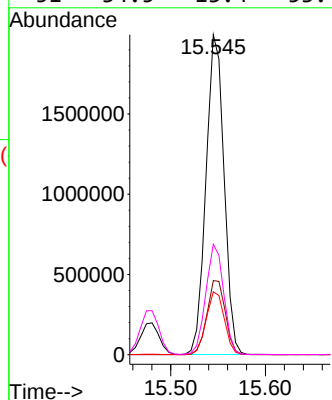
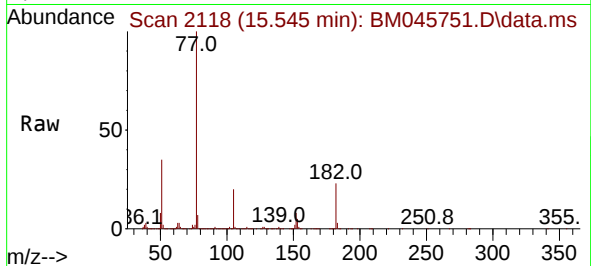




#63
Azobenzene
Concen: 44.757 ng
RT: 15.545 min Scan# 2118
Delta R.T. -0.006 min
Lab File: BM045751.D
Acq: 23 May 2024 13:27

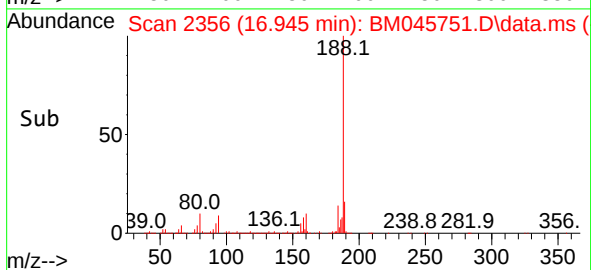
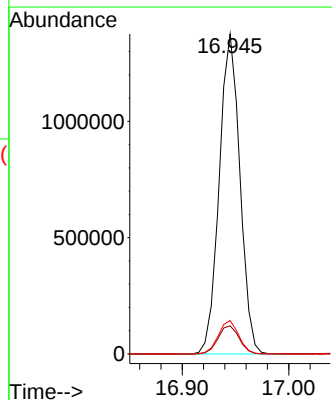
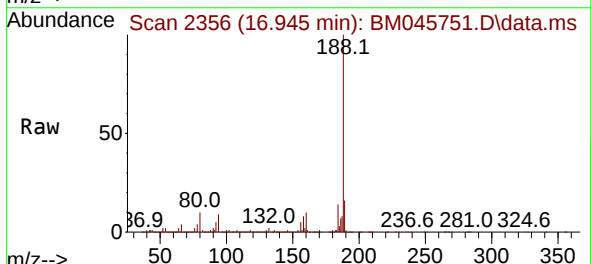
Instrument :
BNA_M
ClientSampleId :
PB161074BSD

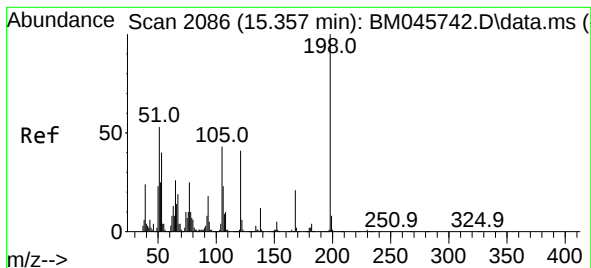
Tgt Ion: 77 Resp: 2631114
Ion Ratio Lower Upper
77 100
182 23.2 3.8 43.8
105 19.7 0.0 39.8
51 34.5 13.4 53.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.945 min Scan# 2356
Delta R.T. -0.006 min
Lab File: BM045751.D
Acq: 23 May 2024 13:27

Tgt Ion: 188 Resp: 1852558
Ion Ratio Lower Upper
188 100
94 8.8 7.0 10.4
80 10.4 7.8 11.6

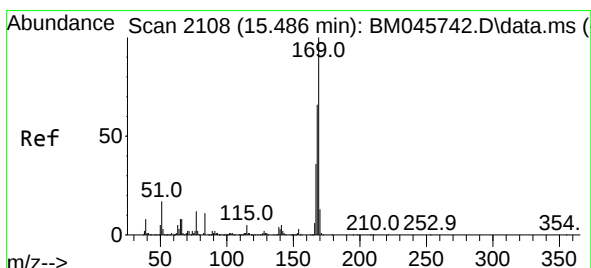
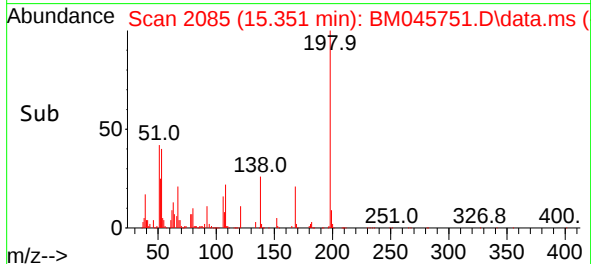
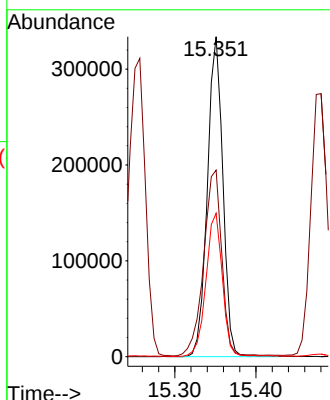
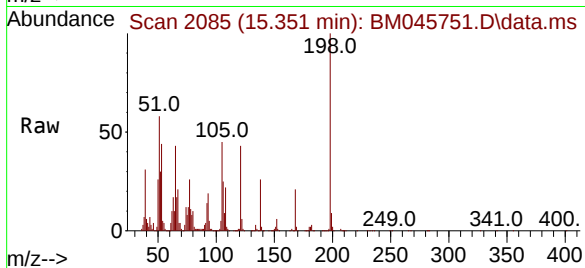




#65
4,6-Dinitro-2-methylphenol
Concen: 47.563 ng
RT: 15.351 min Scan# 2086
Delta R.T. -0.006 min
Lab File: BM045751.D
Acq: 23 May 2024 13:27

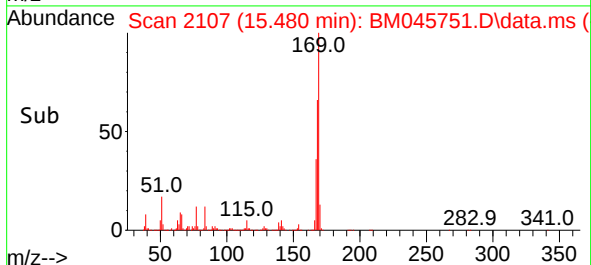
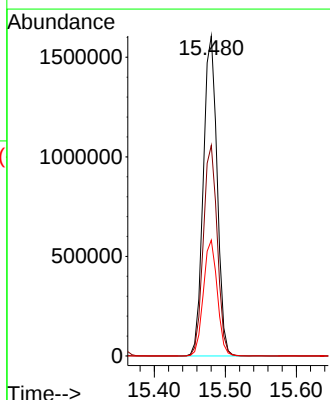
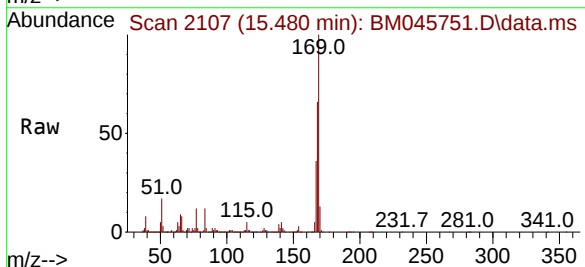
Instrument :
BNA_M
ClientSampleId :
PB161074BSD

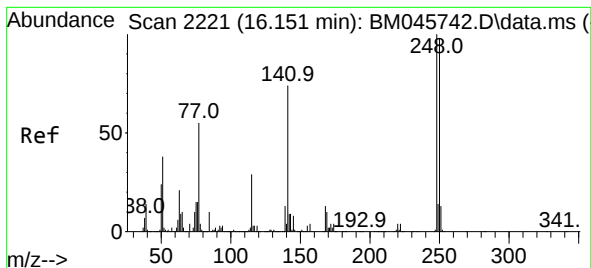
Tgt Ion:198 Resp: 440860
Ion Ratio Lower Upper
198 100
51 58.3 33.3 73.3
105 44.8 23.4 63.4



#66
n-Nitrosodiphenylamine
Concen: 45.884 ng
RT: 15.480 min Scan# 2107
Delta R.T. -0.006 min
Lab File: BM045751.D
Acq: 23 May 2024 13:27

Tgt Ion:169 Resp: 2176147
Ion Ratio Lower Upper
169 100
168 65.8 53.2 79.8
167 36.2 29.0 43.4

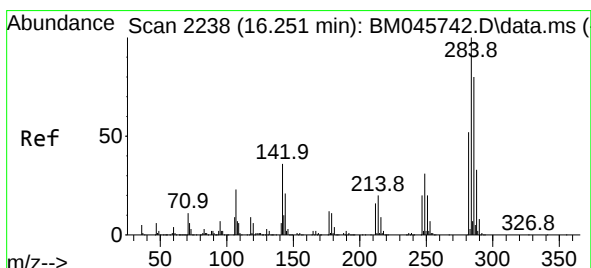
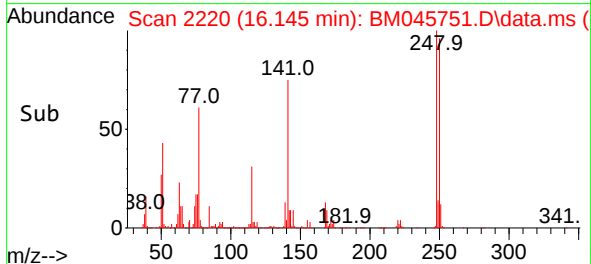
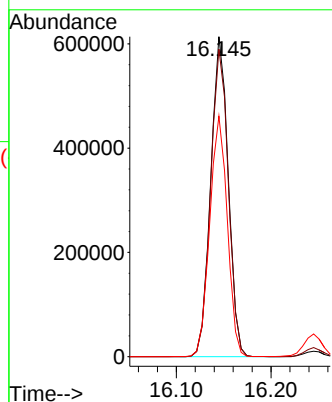
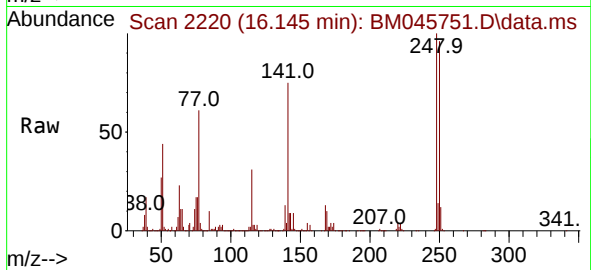




#67
4-Bromophenyl-phenylether
Concen: 44.660 ng
RT: 16.145 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM045751.D
Acq: 23 May 2024 13:27

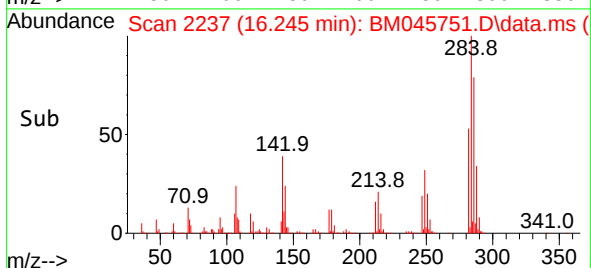
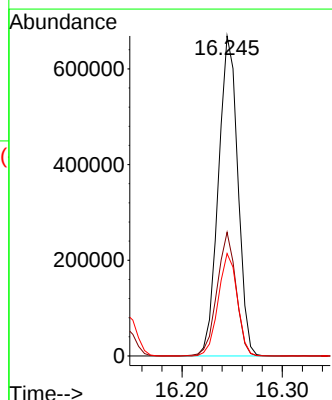
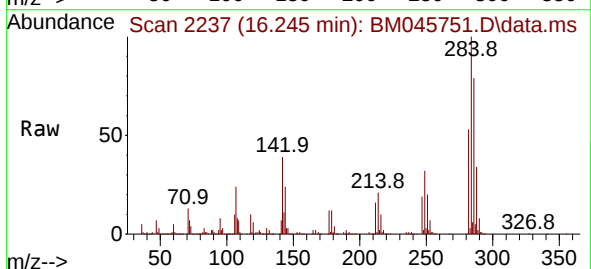
Instrument :
BNA_M
ClientSampleId :
PB161074BSD

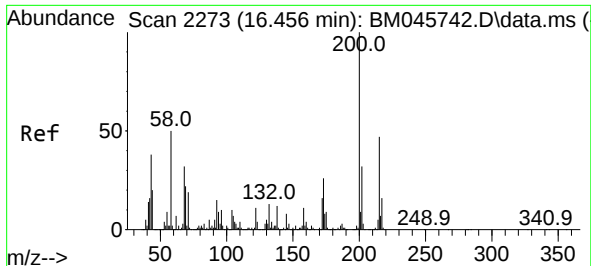
Tgt Ion:248 Resp: 786081
Ion Ratio Lower Upper
248 100
250 96.1 78.1 117.1
141 75.2 59.2 88.8



#68
Hexachlorobenzene
Concen: 42.851 ng
RT: 16.245 min Scan# 2237
Delta R.T. -0.006 min
Lab File: BM045751.D
Acq: 23 May 2024 13:27

Tgt Ion:284 Resp: 898452
Ion Ratio Lower Upper
284 100
142 38.6 28.4 42.6
249 32.0 24.9 37.3

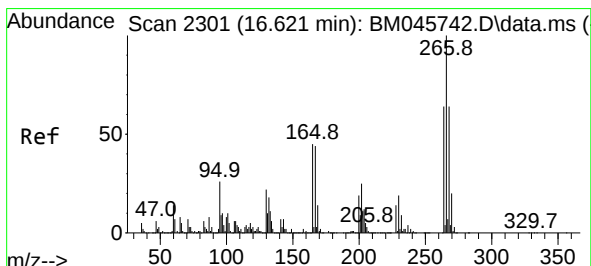
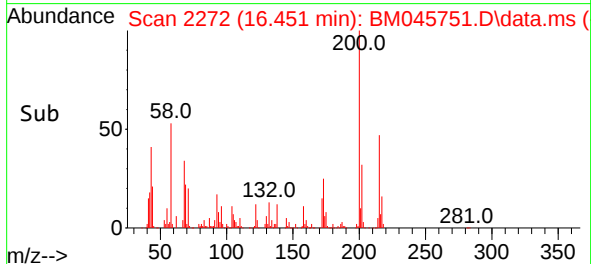
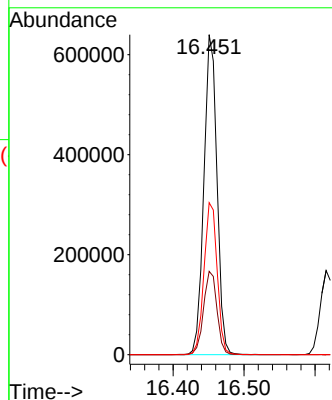
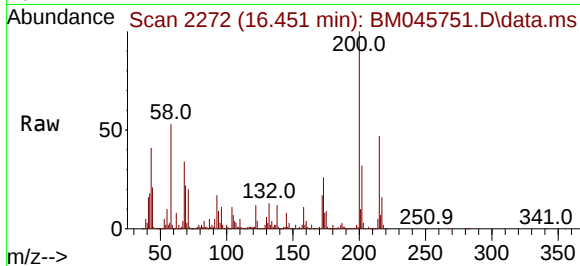




#69
 Atrazine
 Concen: 56.677 ng
 RT: 16.451 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BM045751.D
 Acq: 23 May 2024 13:27

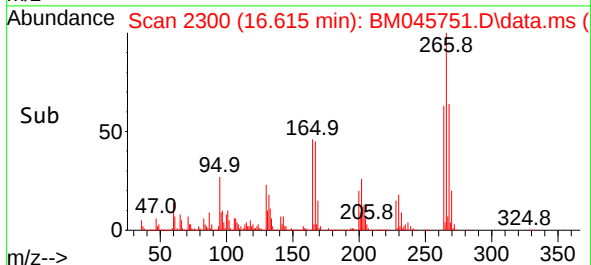
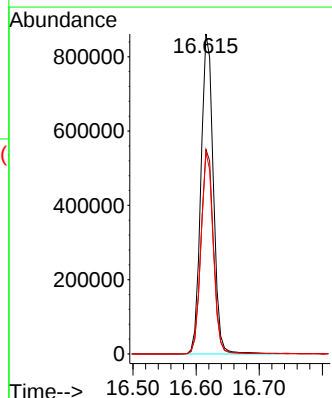
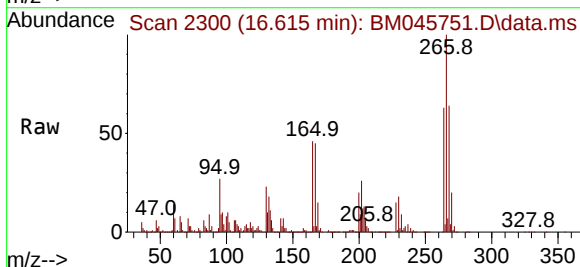
Instrument :
 BNA_M
 ClientSampleId :
 PB161074BSD

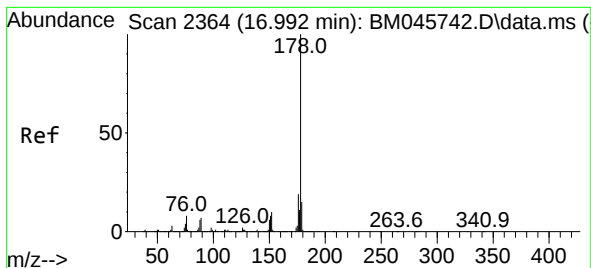
Tgt Ion:200 Resp: 820817
 Ion Ratio Lower Upper
 200 100
 173 26.1 6.2 46.2
 215 47.5 26.6 66.6



#70
 Pentachlorophenol
 Concen: 91.805 ng
 RT: 16.615 min Scan# 2300
 Delta R.T. -0.006 min
 Lab File: BM045751.D
 Acq: 23 May 2024 13:27

Tgt Ion:266 Resp: 1174260
 Ion Ratio Lower Upper
 266 100
 268 63.9 51.0 76.4
 264 63.0 50.9 76.3





#71

Phenanthrene

Concen: 44.939 ng

RT: 16.986 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM045751.D

Acq: 23 May 2024 13:27

Instrument :

BNA_M

ClientSampleId :

PB161074BSD

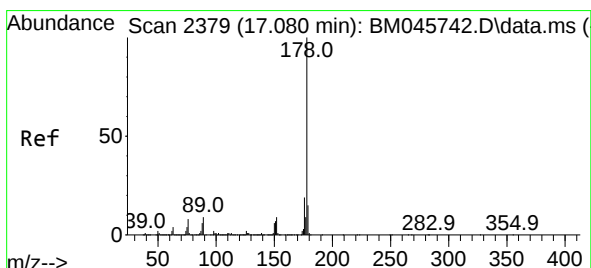
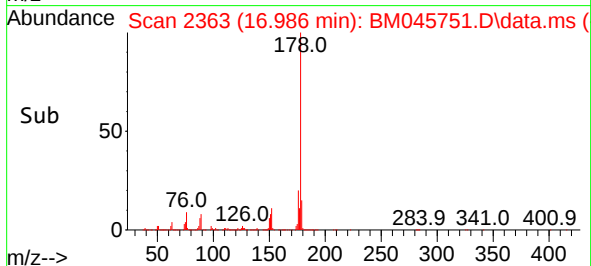
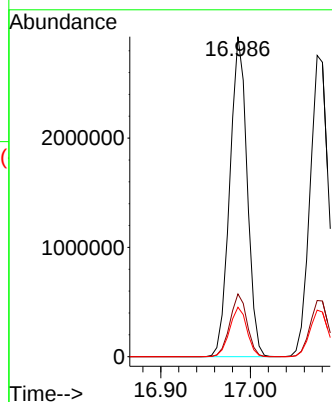
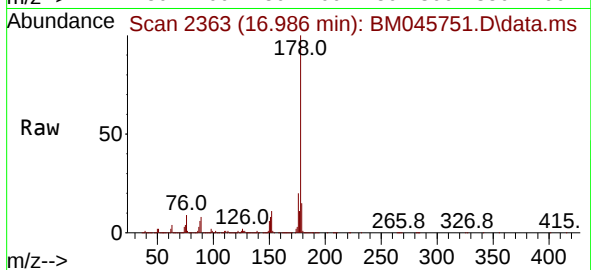
Tgt Ion:178 Resp: 3929465

Ion Ratio Lower Upper

178 100

176 19.6 15.4 23.2

179 15.4 12.2 18.2



#72

Anthracene

Concen: 45.683 ng

RT: 17.074 min Scan# 2378

Delta R.T. -0.006 min

Lab File: BM045751.D

Acq: 23 May 2024 13:27

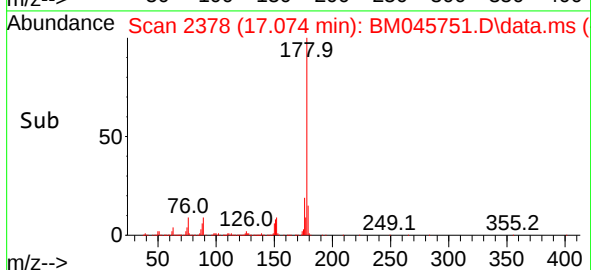
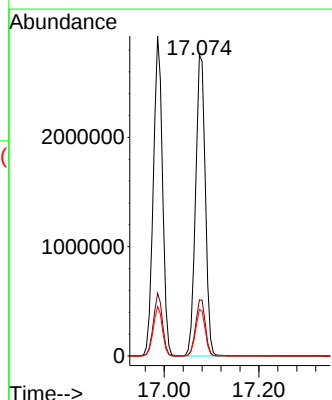
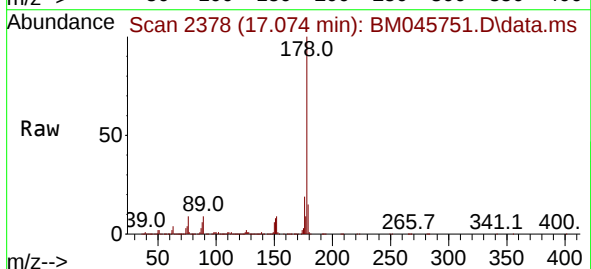
Tgt Ion:178 Resp: 3927245

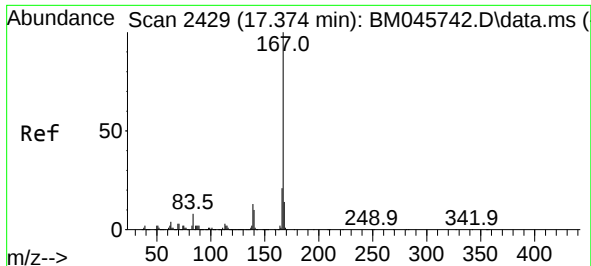
Ion Ratio Lower Upper

178 100

176 18.7 15.0 22.4

179 15.5 12.3 18.5

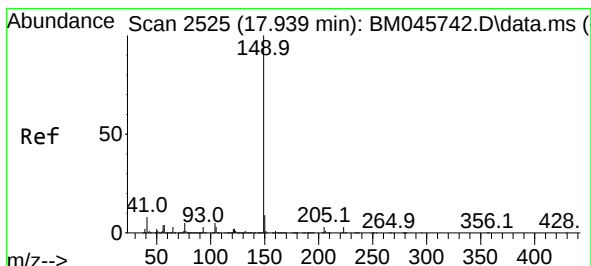
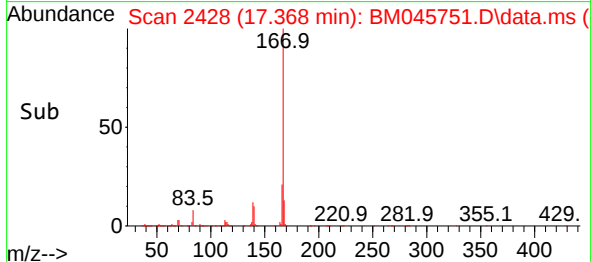
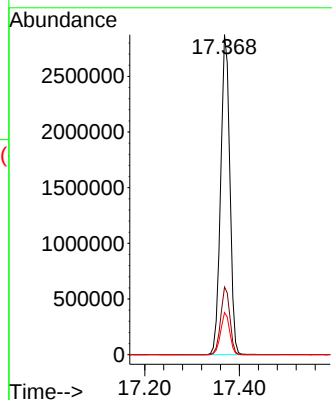
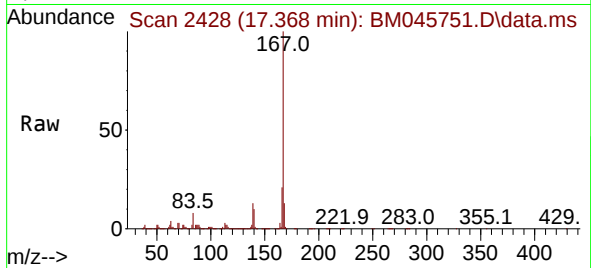




#73
 Carbazole
 Concen: 44.793 ng
 RT: 17.368 min Scan# 2429
 Delta R.T. -0.006 min
 Lab File: BM045751.D
 Acq: 23 May 2024 13:27

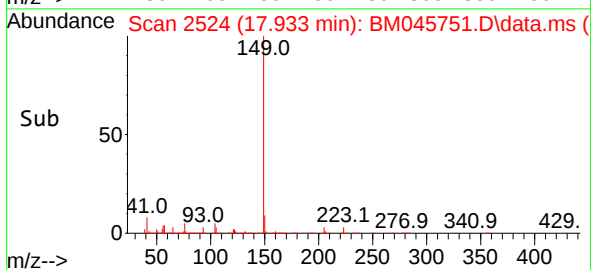
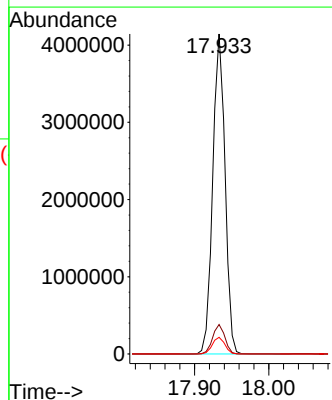
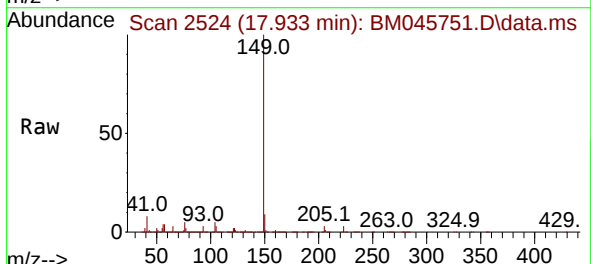
Instrument :
 BNA_M
 ClientSampleId :
 PB161074BSD

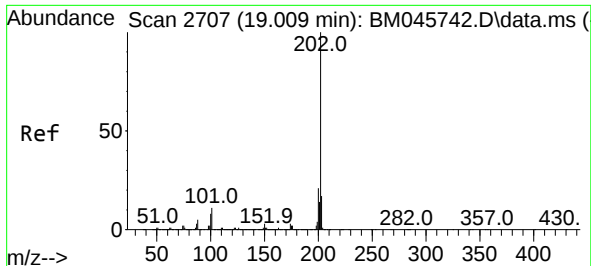
Tgt Ion:167 Resp: 3853219
 Ion Ratio Lower Upper
 167 100
 166 21.1 16.8 25.2
 139 13.1 10.5 15.7



#74
 Di-n-butylphthalate
 Concen: 44.620 ng
 RT: 17.933 min Scan# 2524
 Delta R.T. -0.006 min
 Lab File: BM045751.D
 Acq: 23 May 2024 13:27

Tgt Ion:149 Resp: 4766157
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.3 10.9
 104 5.2 4.2 6.2

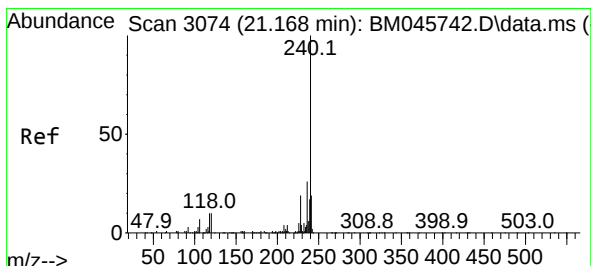
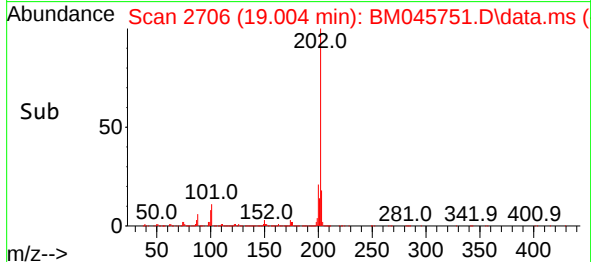
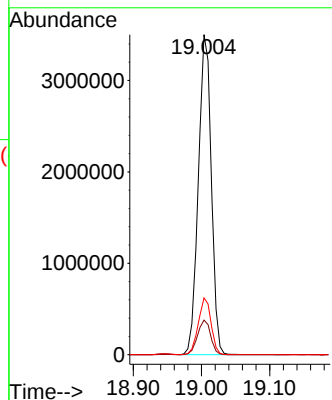
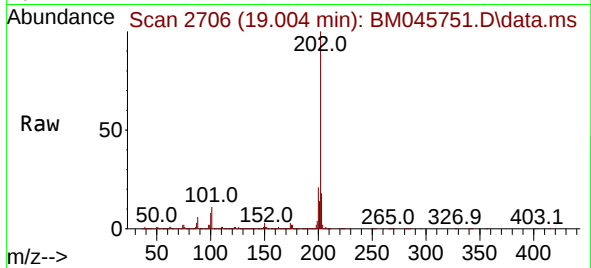




#75
Fluoranthene
Concen: 43.191 ng
RT: 19.004 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM045751.D
Acq: 23 May 2024 13:27

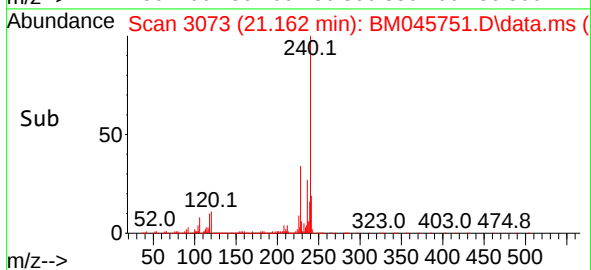
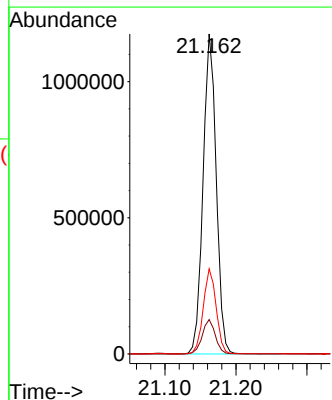
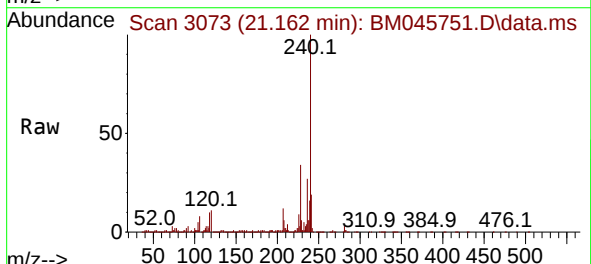
Instrument :
BNA_M
ClientSampleId :
PB161074BSD

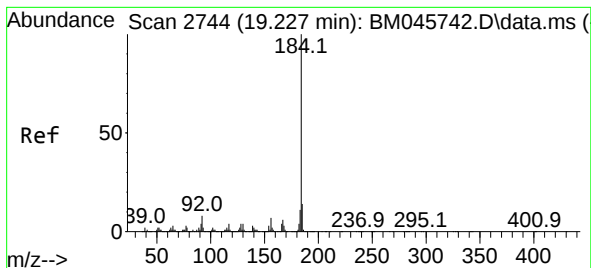
Tgt Ion:202 Resp: 4604930
Ion Ratio Lower Upper
202 100
101 10.8 0.0 30.8
203 17.7 0.0 37.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.162 min Scan# 3073
Delta R.T. -0.006 min
Lab File: BM045751.D
Acq: 23 May 2024 13:27

Tgt Ion:240 Resp: 1518618
Ion Ratio Lower Upper
240 100
120 10.8 8.3 12.5
236 26.6 20.7 31.1





#77

Benzidine

Concen: 51.019 ng

RT: 19.221 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM045751.D

Acq: 23 May 2024 13:27

Instrument :

BNA_M

ClientSampleId :

PB161074BSD

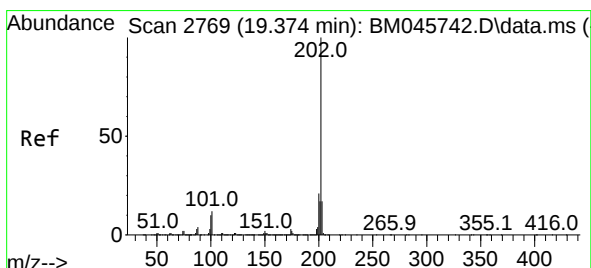
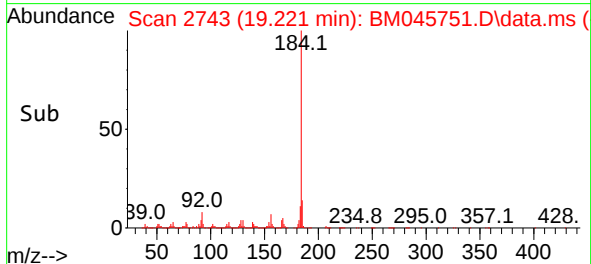
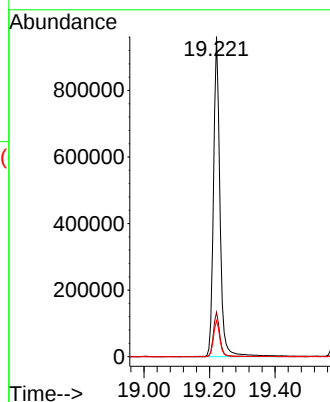
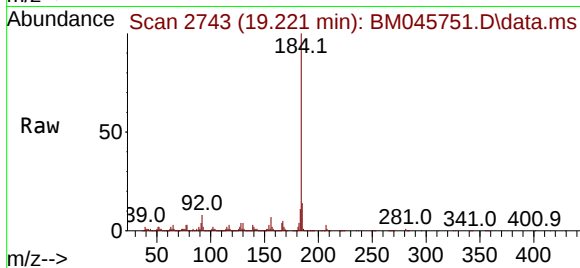
Tgt Ion:184 Resp: 1323031

Ion Ratio Lower Upper

184 100

185 13.9 11.1 16.7

183 11.3 9.0 13.6



#78

Pyrene

Concen: 44.459 ng

RT: 19.368 min Scan# 2768

Delta R.T. -0.006 min

Lab File: BM045751.D

Acq: 23 May 2024 13:27

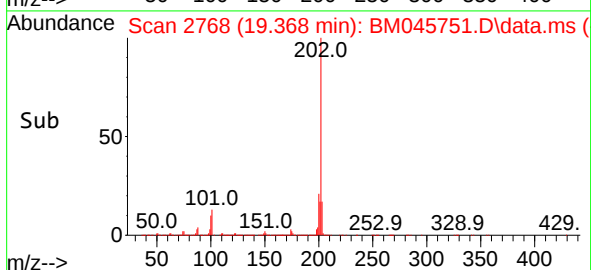
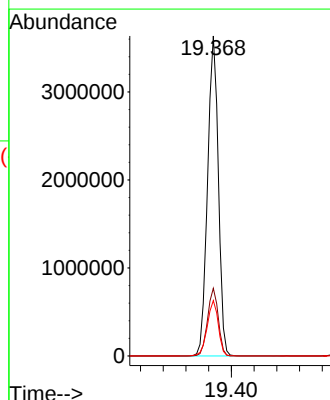
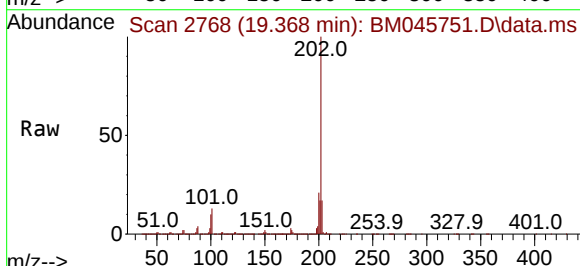
Tgt Ion:202 Resp: 4762791

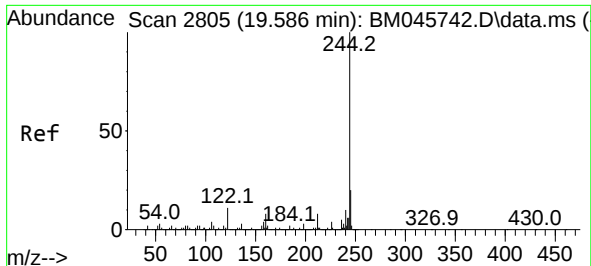
Ion Ratio Lower Upper

202 100

200 21.1 16.9 25.3

203 17.3 13.9 20.9

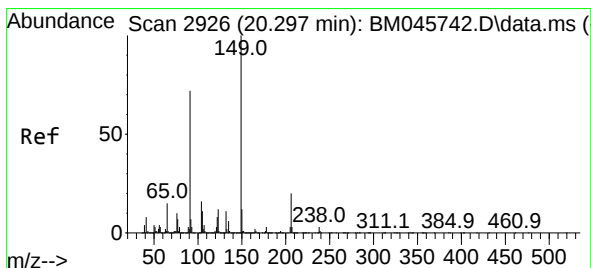
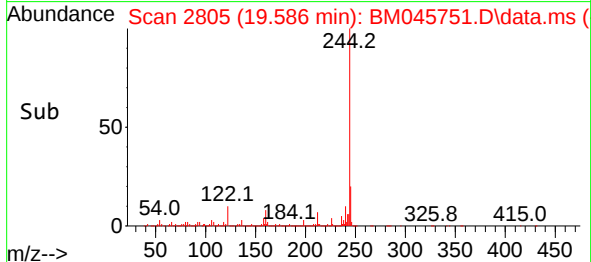
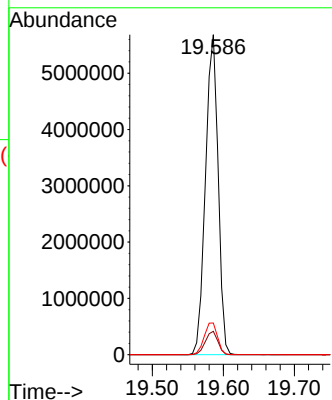
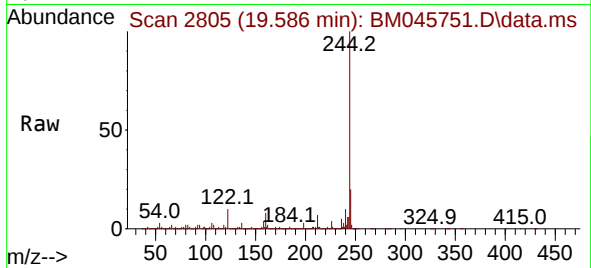




#79
 Terphenyl-d14
 Concen: 85.425 ng
 RT: 19.586 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BM045751.D
 Acq: 23 May 2024 13:27

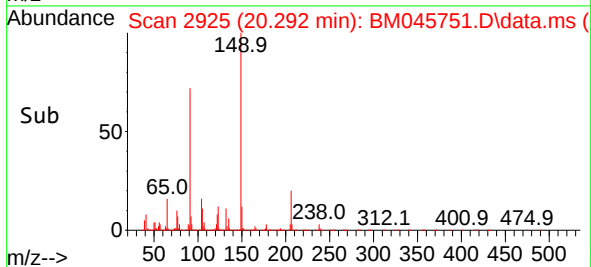
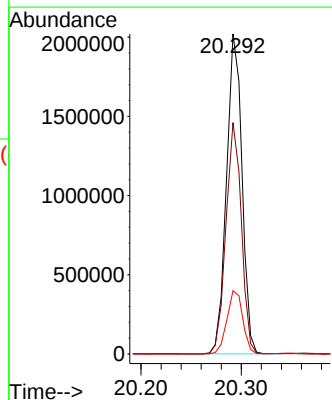
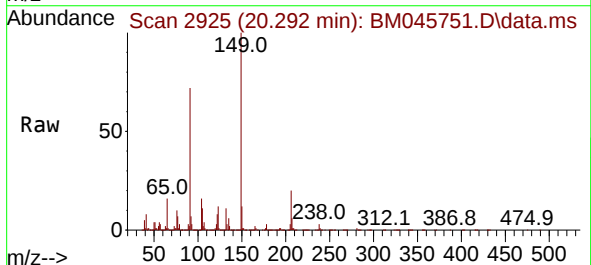
Instrument :
 BNA_M
 ClientSampleId :
 PB161074BSD

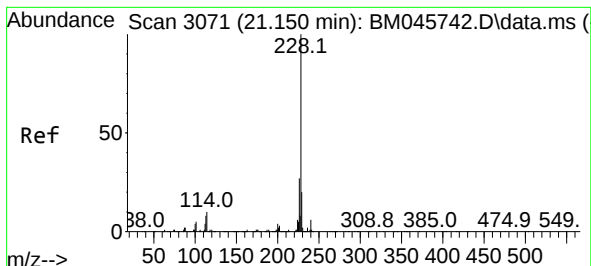
Tgt Ion:244 Resp: 7048377
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.0 9.0
 122 9.9 8.6 12.8



#80
 Butylbenzylphthalate
 Concen: 46.580 ng
 RT: 20.292 min Scan# 2925
 Delta R.T. -0.006 min
 Lab File: BM045751.D
 Acq: 23 May 2024 13:27

Tgt Ion:149 Resp: 2161469
 Ion Ratio Lower Upper
 149 100
 91 72.3 57.3 85.9
 206 19.8 16.2 24.2





#81

Benzo(a)anthracene

Concen: 45.160 ng

RT: 21.145 min Scan# 3071

Delta R.T. -0.006 min

Lab File: BM045751.D

Acq: 23 May 2024 13:27

Instrument :

BNA_M

ClientSampleId :

PB161074BSD

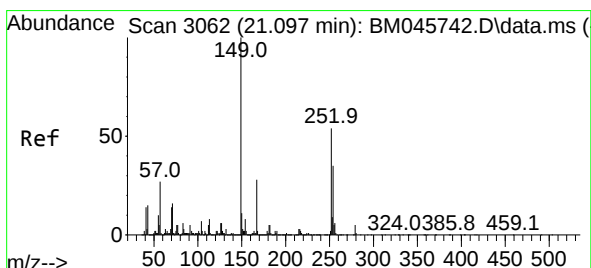
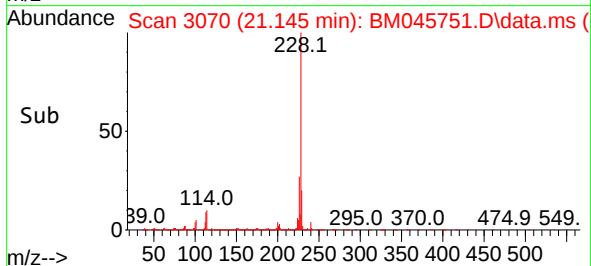
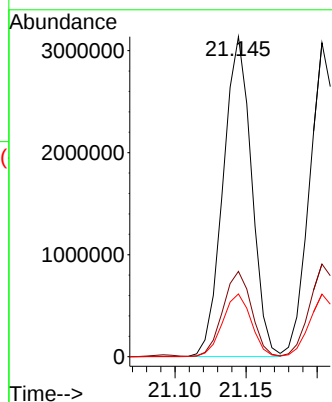
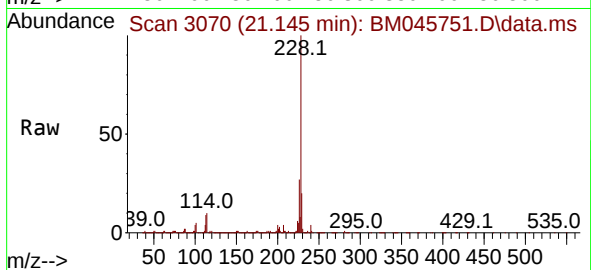
Tgt Ion:228 Resp: 4368086

Ion Ratio Lower Upper

228 100

226 26.7 21.6 32.4

229 19.6 15.7 23.5



#82

3,3'-Dichlorobenzidine

Concen: 40.487 ng

RT: 21.092 min Scan# 3061

Delta R.T. -0.006 min

Lab File: BM045751.D

Acq: 23 May 2024 13:27

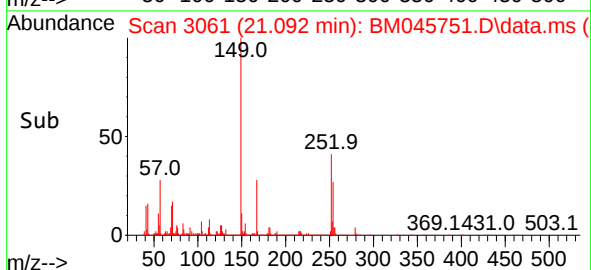
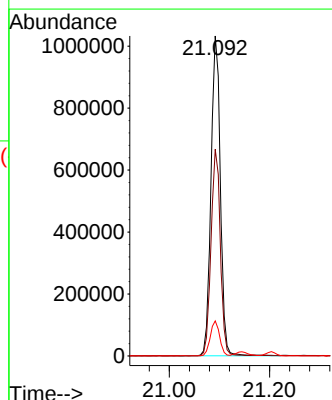
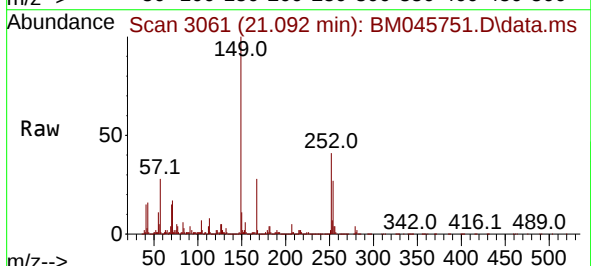
Tgt Ion:252 Resp: 1342032

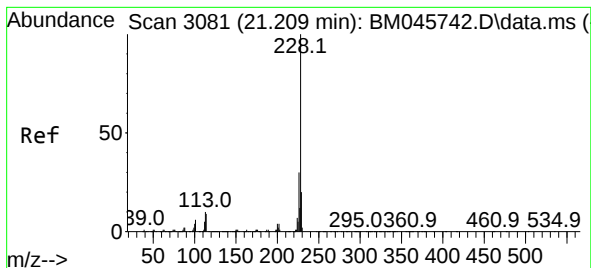
Ion Ratio Lower Upper

252 100

254 64.6 51.4 77.2

126 10.9 8.7 13.1





#83

Chrysene

Concen: 44.209 ng

RT: 21.203 min Scan# 3081

Delta R.T. -0.006 min

Lab File: BM045751.D

Acq: 23 May 2024 13:27

Instrument :

BNA_M

ClientSampleId :

PB161074BSD

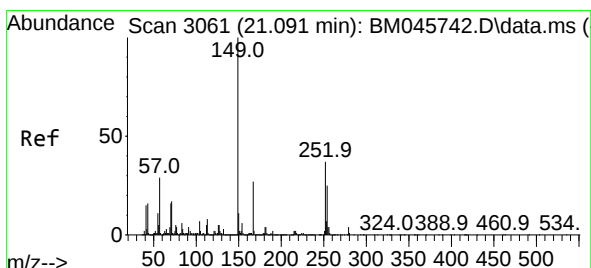
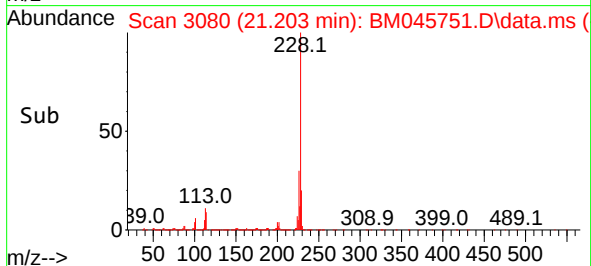
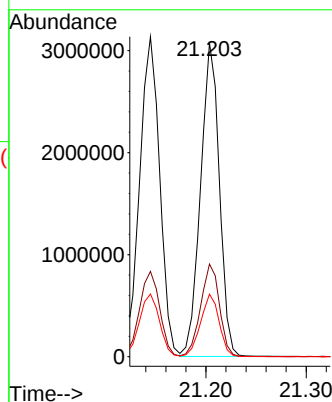
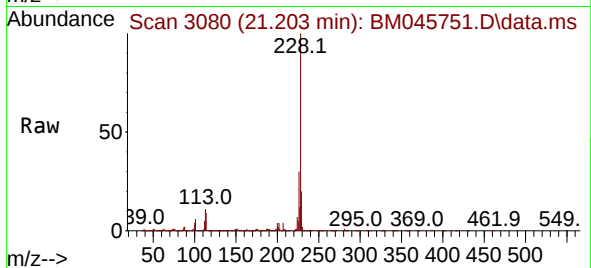
Tgt Ion:228 Resp: 4010885

Ion Ratio Lower Upper

228 100

226 29.5 23.8 35.8

229 19.9 15.8 23.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.509 ng

RT: 21.092 min Scan# 3061

Delta R.T. 0.000 min

Lab File: BM045751.D

Acq: 23 May 2024 13:27

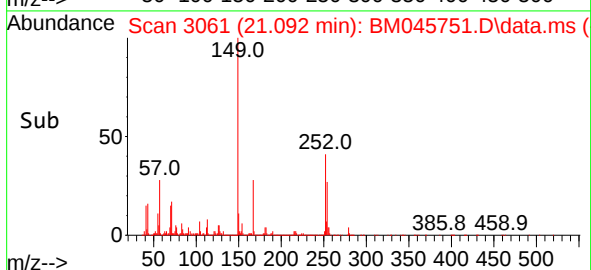
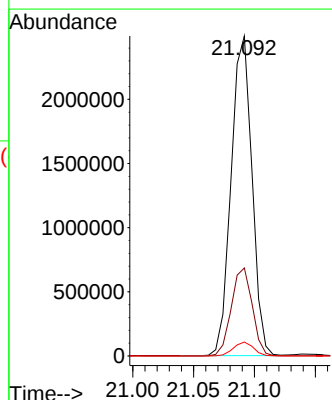
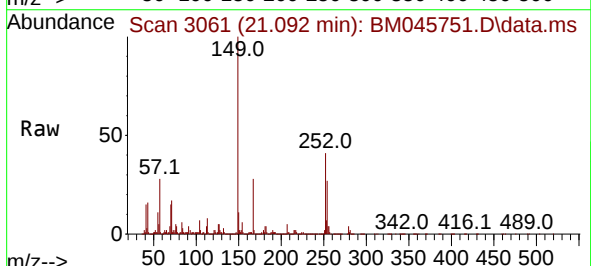
Tgt Ion:149 Resp: 2965220

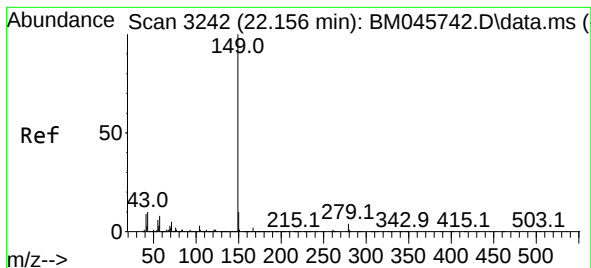
Ion Ratio Lower Upper

149 100

167 27.5 21.8 32.8

279 4.4 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 46.550 ng

RT: 22.150 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM045751.D

Acq: 23 May 2024 13:27

Instrument :

BNA_M

ClientSampleId :

PB161074BSD

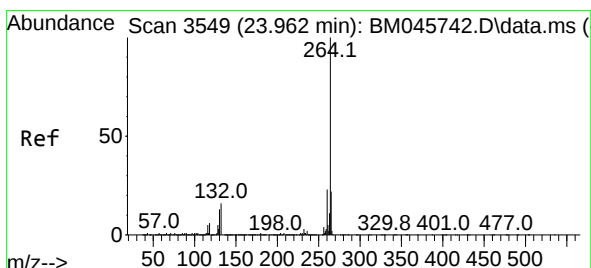
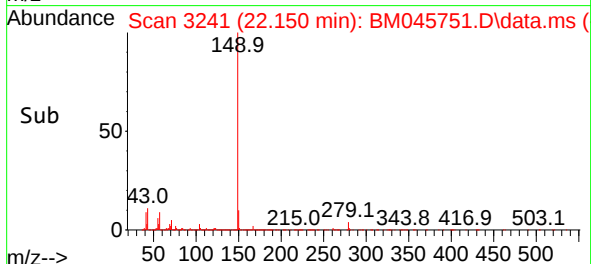
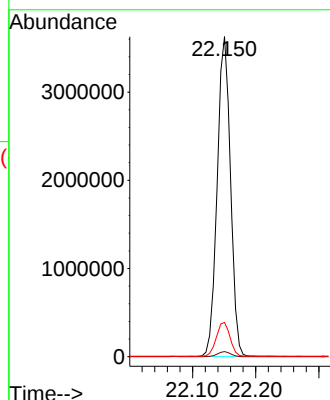
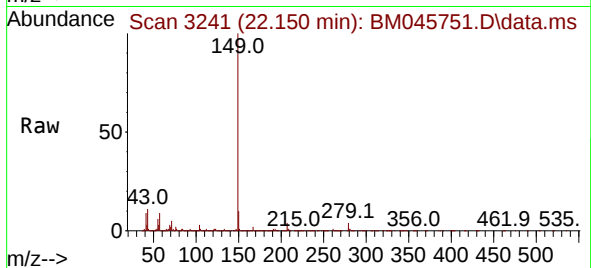
Tgt Ion:149 Resp: 5289499

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 11.0 8.8 13.2



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.956 min Scan# 3548

Delta R.T. -0.006 min

Lab File: BM045751.D

Acq: 23 May 2024 13:27

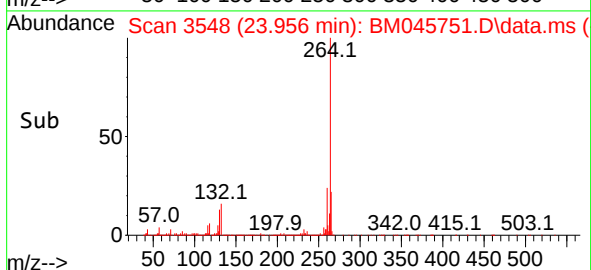
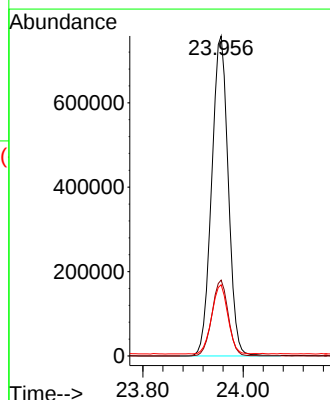
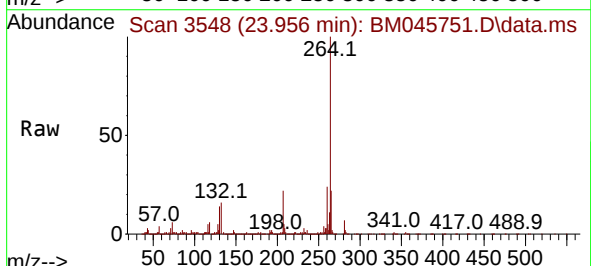
Tgt Ion:264 Resp: 1742007

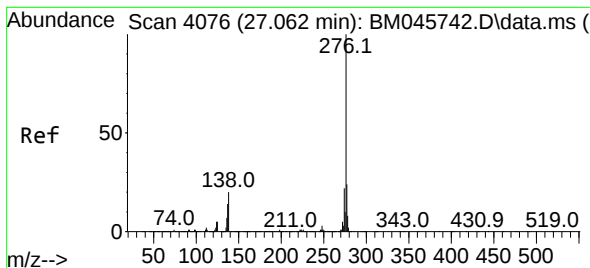
Ion Ratio Lower Upper

264 100

260 23.7 18.7 28.1

265 22.3 17.8 26.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 48.628 ng

RT: 27.056 min Scan# 40

Delta R.T. -0.006 min

Lab File: BM045751.D

Acq: 23 May 2024 13:27

Instrument :

BNA_M

ClientSampleId :

PB161074BSD

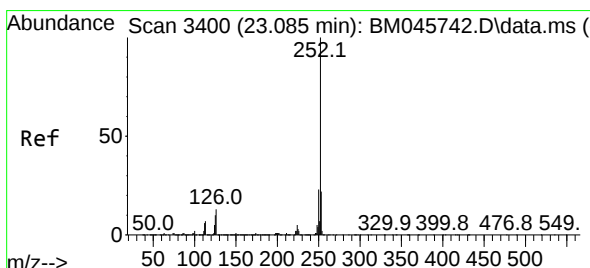
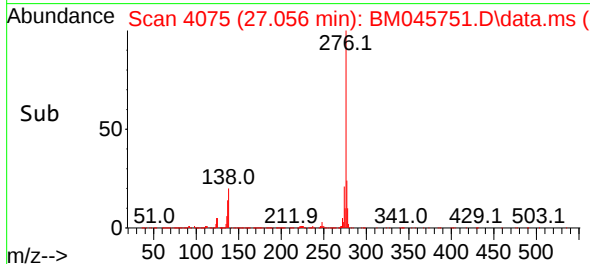
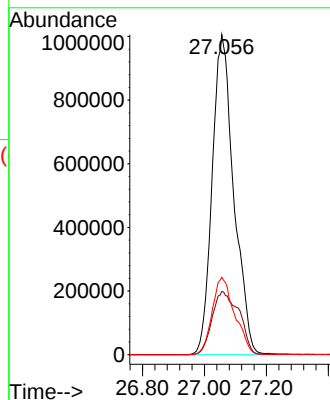
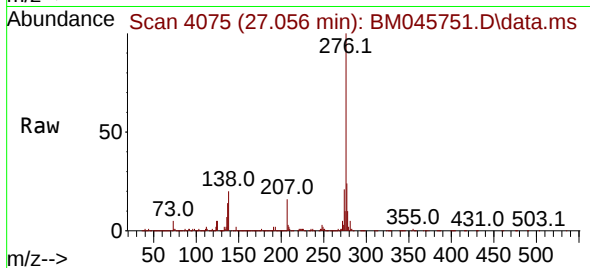
Tgt Ion:276 Resp: 4874226

Ion Ratio Lower Upper

276 100

138 24.7 19.8 29.6

277 25.3 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 46.527 ng

RT: 23.080 min Scan# 3399

Delta R.T. -0.006 min

Lab File: BM045751.D

Acq: 23 May 2024 13:27

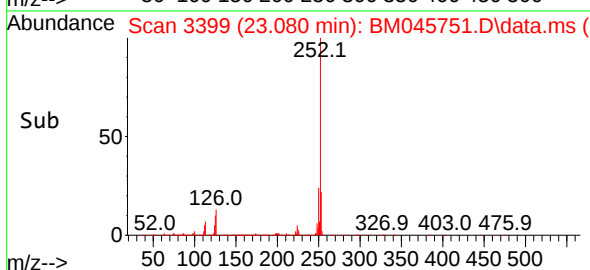
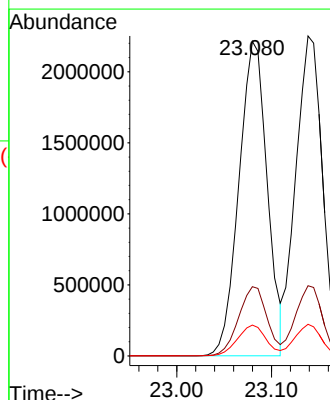
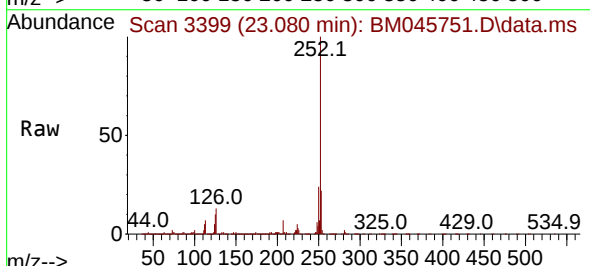
Tgt Ion:252 Resp: 4596252

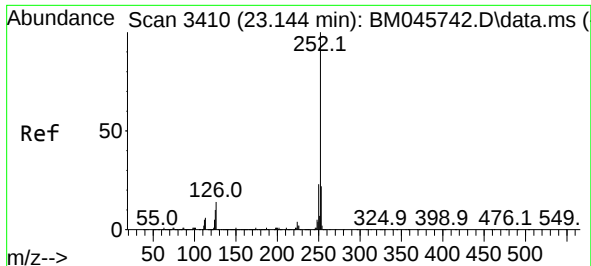
Ion Ratio Lower Upper

252 100

253 22.0 17.5 26.3

125 9.8 8.0 12.0

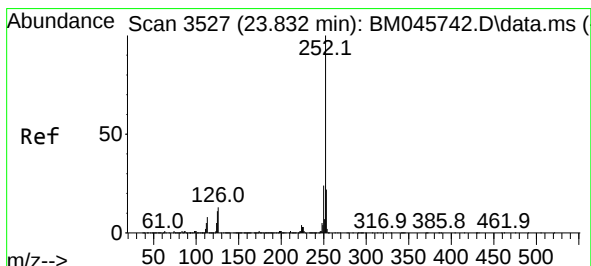
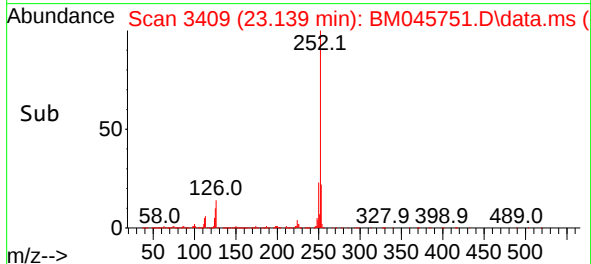
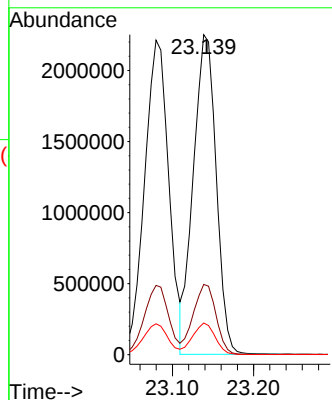
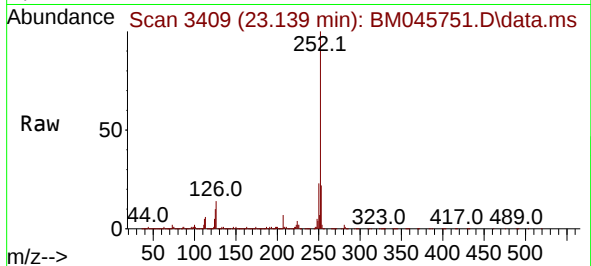




#89
Benzo(k)fluoranthene
Concen: 46.981 ng
RT: 23.139 min Scan# 3410
Delta R.T. -0.006 min
Lab File: BM045751.D
Acq: 23 May 2024 13:27

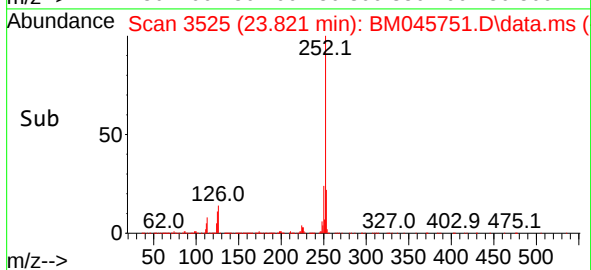
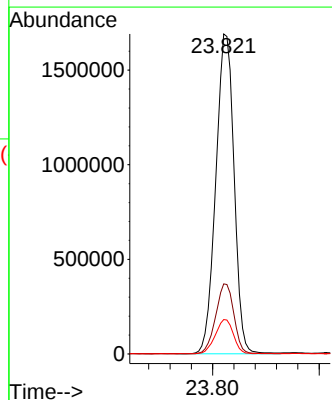
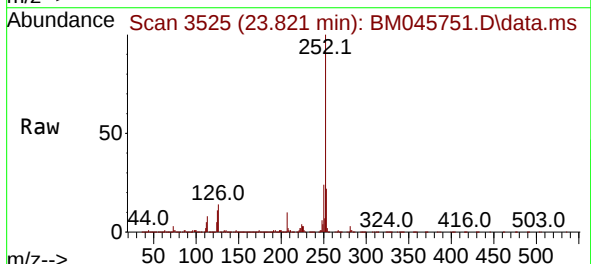
Instrument :
BNA_M
ClientSampleId :
PB161074BSD

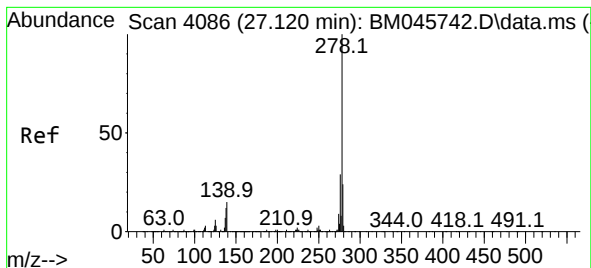
Tgt Ion:252 Resp: 4405200
Ion Ratio Lower Upper
252 100
253 22.0 17.7 26.5
125 9.9 8.1 12.1



#90
Benzo(a)pyrene
Concen: 46.886 ng
RT: 23.821 min Scan# 3525
Delta R.T. -0.012 min
Lab File: BM045751.D
Acq: 23 May 2024 13:27

Tgt Ion:252 Resp: 4024721
Ion Ratio Lower Upper
252 100
253 21.9 17.7 26.5
125 10.8 8.5 12.7





#91

Dibenzo(a,h)anthracene

Concen: 49.180 ng

RT: 27.115 min Scan# 4085

Delta R.T. -0.006 min

Lab File: BM045751.D

Acq: 23 May 2024 13:27

Instrument :

BNA_M

ClientSampleId :

PB161074BSD

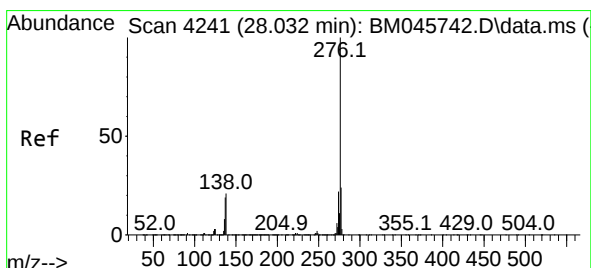
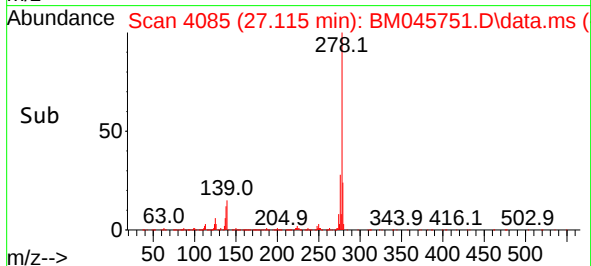
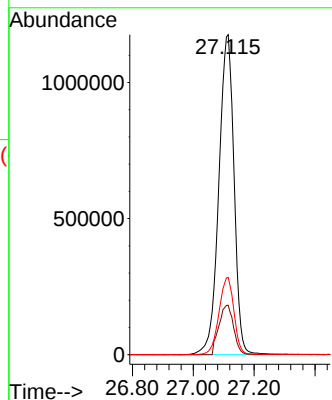
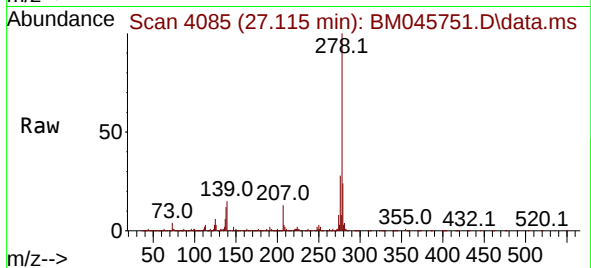
Tgt Ion:278 Resp: 4083509

Ion Ratio Lower Upper

278 100

139 15.4 12.2 18.4

279 24.1 19.0 28.4



#92

Benzo(g,h,i)perylene

Concen: 47.200 ng

RT: 28.026 min Scan# 4240

Delta R.T. -0.006 min

Lab File: BM045751.D

Acq: 23 May 2024 13:27

Tgt Ion:276 Resp: 4065411

Ion Ratio Lower Upper

276 100

277 23.9 19.0 28.4

138 20.7 16.7 25.1

