

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052324\
 Data File : BM045754.D
 Acq On : 23 May 2024 15:28
 Operator : MA/JU
 Sample : PB160904BSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB160904BSD

Quant Time: May 24 02:54:17 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	341553	20.000	ng	0.00
21) Naphthalene-d8	10.334	136	1466721	20.000	ng	0.00
39) Acenaphthene-d10	14.198	164	902952	20.000	ng	0.00
64) Phenanthrene-d10	16.945	188	1949313	20.000	ng	0.00
76) Chrysene-d12	21.162	240	1609053	20.000	ng	0.00
86) Perylene-d12	23.950	264	1831165	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.252	112	1867005	97.457	ng	0.00
7) Phenol-d6	6.834	99	2402923	93.428	ng	0.00
23) Nitrobenzene-d5	8.728	82	2284464	84.726	ng	0.00
42) 2,4,6-Tribromophenol	15.698	330	898370	93.933	ng	0.00
45) 2-Fluorobiphenyl	12.822	172	4785449	85.180	ng	0.00
79) Terphenyl-d14	19.586	244	7403549	84.687	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.193	88	265812	33.429	ng	99
3) Pyridine	3.587	79	690191	31.690	ng	97
4) n-Nitrosodimethylamine	3.499	42	530756	43.196	ng	97
6) Aniline	6.940	93	1031341	41.926	ng	99
8) 2-Chlorophenol	7.169	128	1038093	49.478	ng	99
9) Benzaldehyde	6.740	77	194384	12.406	ng	95
10) Phenol	6.863	94	1246554	47.958	ng	99
11) bis(2-Chloroethyl)ether	7.022	93	980114	43.508	ng	100
12) 1,3-Dichlorobenzene	7.451	146	1029924	41.189	ng	100
13) 1,4-Dichlorobenzene	7.598	146	1045077	41.444	ng	99
14) 1,2-Dichlorobenzene	7.916	146	1014079	43.041	ng	99
15) Benzyl Alcohol	7.851	79	936680	46.635	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.110	45	1584061	45.306	ng	98
17) 2-Methylphenol	8.075	107	868679	48.211	ng	99
18) Hexachloroethane	8.628	117	400495	40.914	ng	96
19) n-Nitroso-di-n-propyla...	8.398	70	753521	41.672	ng	98
20) 3+4-Methylphenols	8.404	107	1111448	46.324	ng	# 87
22) Acetophenone	8.398	105	1431271	42.193	ng	# 99
24) Nitrobenzene	8.769	77	1176175	42.890	ng	98
25) Isophorone	9.310	82	2169633	43.227	ng	99
26) 2-Nitrophenol	9.475	139	538952	44.775	ng	97
27) 2,4-Dimethylphenol	9.581	122	984966	64.341	ng	98
28) bis(2-Chloroethoxy)met...	9.781	93	1355748	43.869	ng	100
29) 2,4-Dichlorophenol	10.022	162	1011381	48.312	ng	99
30) 1,2,4-Trichlorobenzene	10.192	180	1004222	42.363	ng	100
31) Naphthalene	10.381	128	3023786	41.613	ng	100
32) Benzoic acid	9.816	122	604719	42.667	ng	99
33) 4-Chloroaniline	10.545	127	757363	27.304	ng	99
34) Hexachlorobutadiene	10.669	225	588746	40.510	ng	99
35) Caprolactam	11.428	113	328067m	48.454	ng	
36) 4-Chloro-3-methylphenol	11.704	107	1072949	45.073	ng	99
37) 2-Methylnaphthalene	11.998	142	2123319	41.949	ng	99
38) 1-Methylnaphthalene	12.222	142	2000057	40.049	ng	99
40) 1,2,4,5-Tetrachloroben...	12.363	216	1031111	44.280	ng	98
41) Hexachlorocyclopentadiene	12.351	237	1476280	151.473	ng	99
43) 2,4,6-Trichlorophenol	12.645	196	787094	50.084	ng	97

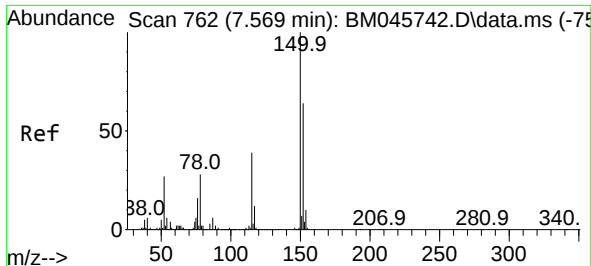
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052324\
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 QLast Update : Thu May 23 04:12:56 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.733	196	831336	47.530	ng	99
46) 1,1'-Biphenyl	13.033	154	2699456	44.351	ng	99
47) 2-Chloronaphthalene	13.063	162	2069606	43.449	ng	100
48) 2-Nitroaniline	13.316	65	776612	51.670	ng	99
49) Acenaphthylene	13.922	152	3355376	46.455	ng	99
50) Dimethylphthalate	13.698	163	2783149	45.567	ng	99
51) 2,6-Dinitrotoluene	13.804	165	614437	46.871	ng	93
52) Acenaphthene	14.263	154	2031203	44.862	ng	99
53) 3-Nitroaniline	14.157	138	467836	34.991	ng	99
54) 2,4-Dinitrophenol	14.339	184	728215	95.285	ng	98
55) Dibenzofuran	14.604	168	3153730	44.185	ng	99
56) 4-Nitrophenol	14.533	139	1186266	104.357	ng	97
57) 2,4-Dinitrotoluene	14.592	165	825155	47.400	ng	97
58) Fluorene	15.251	166	2592733	44.444	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.851	232	741082	50.989	ng	100
60) Diethylphthalate	15.063	149	2845666	44.588	ng	100
61) 4-Chlorophenyl-phenyle...	15.257	204	1264197	44.283	ng	97
62) 4-Nitroaniline	15.333	138	631730	47.567	ng	98
63) Azobenzene	15.545	77	2765298	44.716	ng	99
65) 4,6-Dinitro-2-methylph...	15.351	198	466342	47.789	ng	96
66) n-Nitrosodiphenylamine	15.480	169	2274516	45.578	ng	100
67) 4-Bromophenyl-phenylether	16.145	248	824676	44.527	ng	99
68) Hexachlorobenzene	16.245	284	937671	42.502	ng	98
69) Atrazine	16.451	200	867818	56.949	ng	99
70) Pentachlorophenol	16.615	266	1240965	92.204	ng	99
71) Phenanthrene	16.986	178	4149943	45.105	ng	100
72) Anthracene	17.074	178	4126580	45.619	ng	100
73) Carbazole	17.368	167	4024281	44.460	ng	99
74) Di-n-butylphthalate	17.933	149	4992513	44.419	ng	100
75) Fluoranthene	19.004	202	4847308	43.208	ng	99
77) Benzidine	19.221	184	1366537	49.735	ng	100
78) Pyrene	19.368	202	4993825	43.996	ng	100
80) Butylbenzylphthalate	20.292	149	2265786	46.084	ng	98
81) Benzo(a)anthracene	21.145	228	4623741	45.116	ng	100
82) 3,3'-Dichlorobenzidine	21.092	252	1427008	40.631	ng	100
83) Chrysene	21.203	228	4237464	44.081	ng	100
84) Bis(2-ethylhexyl)phtha...	21.092	149	3144468	45.547	ng	99
85) Di-n-octyl phthalate	22.150	149	5617129	46.655	ng	100
87) Indeno(1,2,3-cd)pyrene	27.056	276	5084220	48.254	ng	100
88) Benzo(b)fluoranthene	23.080	252	4844385	46.651	ng	99
89) Benzo(k)fluoranthene	23.139	252	4655346	47.232	ng	100
90) Benzo(a)pyrene	23.821	252	4183781	46.366	ng	99
91) Dibenzo(a,h)anthracene	27.109	278	4278055	49.014	ng	99
92) Benzo(g,h,i)perylene	28.021	276	4257516	47.023	ng	100

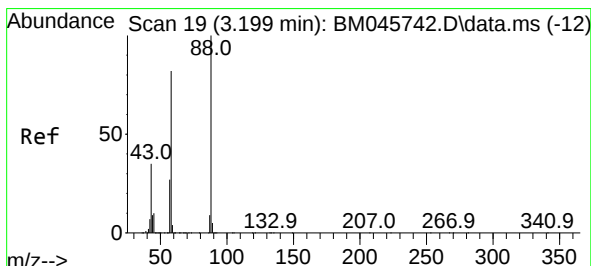
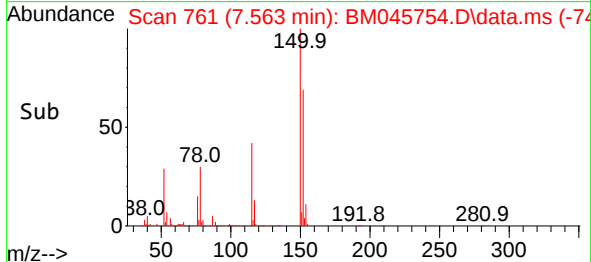
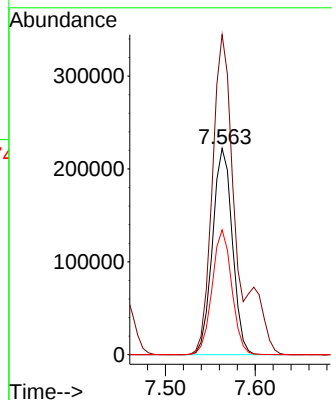
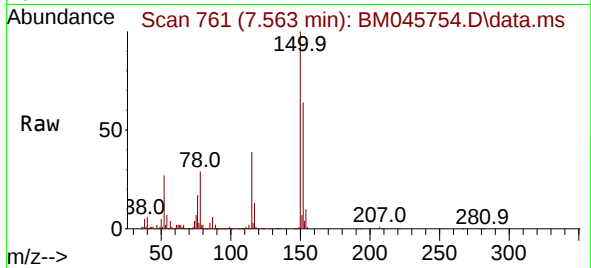
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.563 min Scan# 7
Delta R.T. -0.006 min
Lab File: BM045754.D
Acq: 23 May 2024 15:28

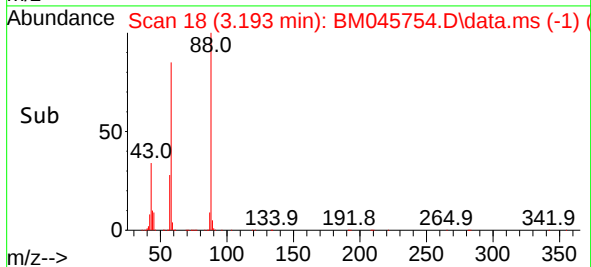
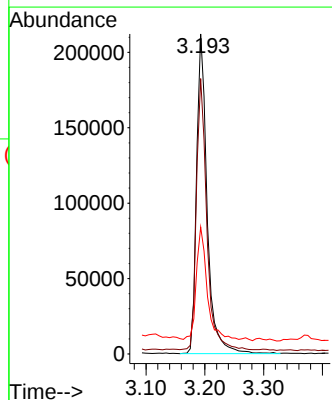
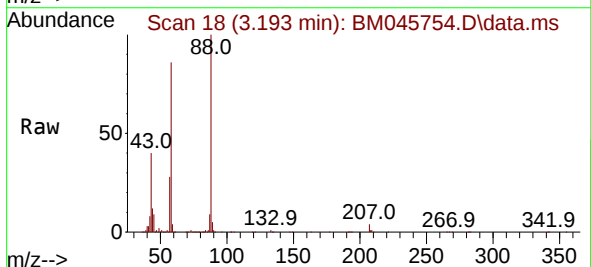
Instrument :
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PB160904BSD

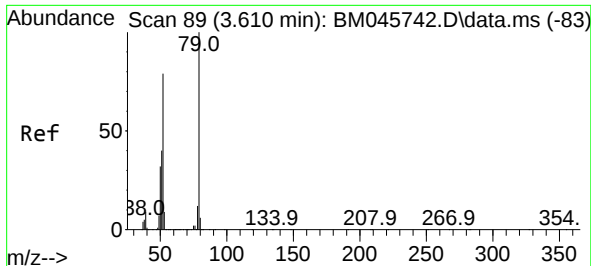
Tgt Ion:152 Resp: 341553
Ion Ratio Lower Upper
152 100
150 155.2 124.2 186.4
115 60.6 48.9 73.3



#2
1,4-Dioxane
Concen: 33.429 ng
RT: 3.193 min Scan# 18
Delta R.T. -0.006 min
Lab File: BM045754.D
Acq: 23 May 2024 15:28

Tgt Ion: 88 Resp: 265812
Ion Ratio Lower Upper
88 100
58 82.4 67.0 100.6
43 35.3 28.4 42.6

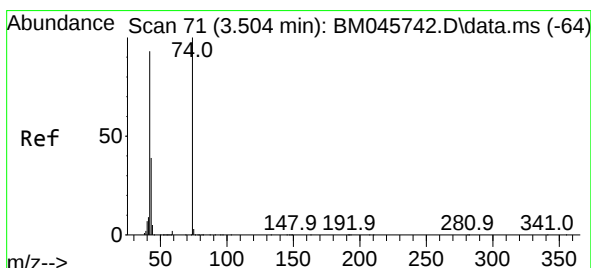
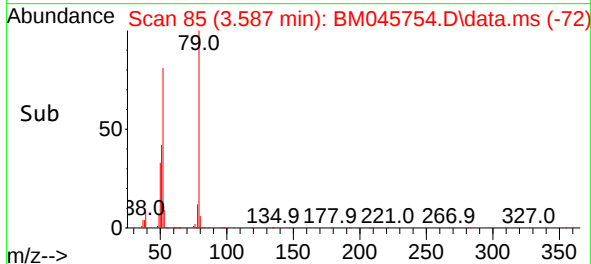
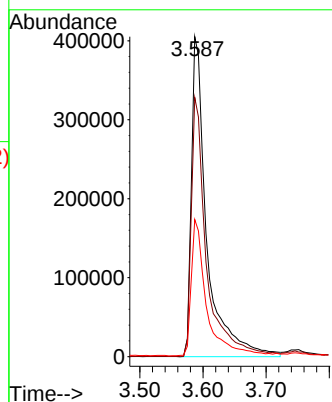
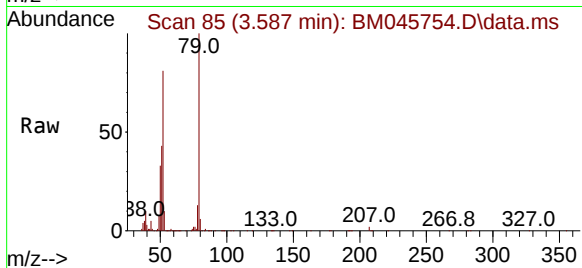




#3
 Pyridine
 Concen: 31.690 ng
 RT: 3.587 min Scan# 81
 Delta R.T. -0.023 min
 Lab File: BM045754.D
 Acq: 23 May 2024 15:28

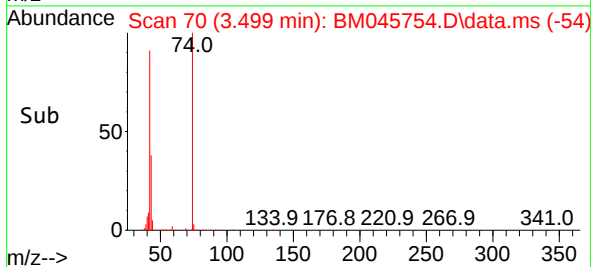
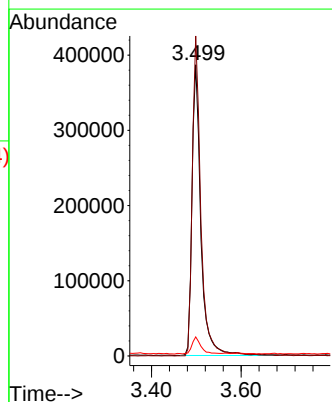
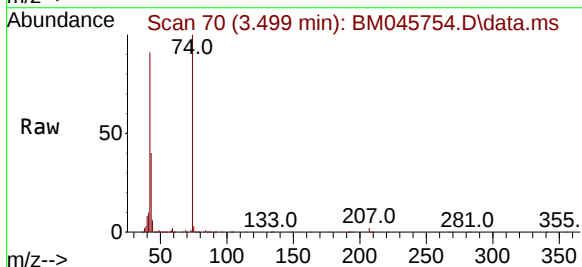
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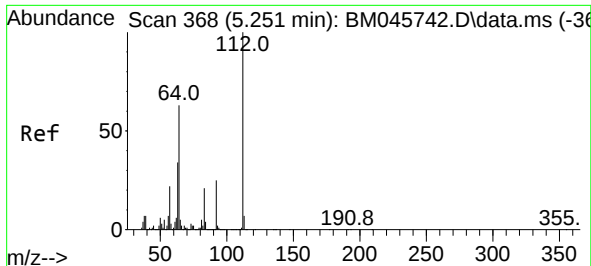
Tgt Ion: 79 Resp: 690191
 Ion Ratio Lower Upper
 79 100
 52 81.0 63.2 94.8
 51 42.9 32.1 48.1



#4
 n-Nitrosodimethylamine
 Concen: 43.196 ng
 RT: 3.499 min Scan# 70
 Delta R.T. -0.006 min
 Lab File: BM045754.D
 Acq: 23 May 2024 15:28

Tgt Ion: 42 Resp: 530756
 Ion Ratio Lower Upper
 42 100
 74 109.9 85.7 128.5
 44 6.5 5.4 8.0

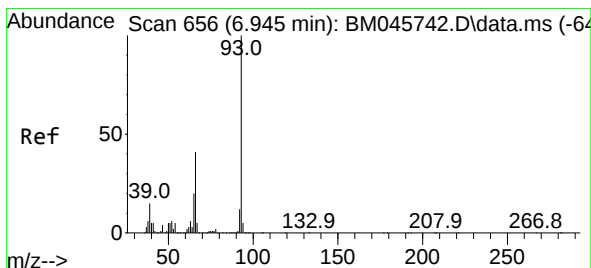
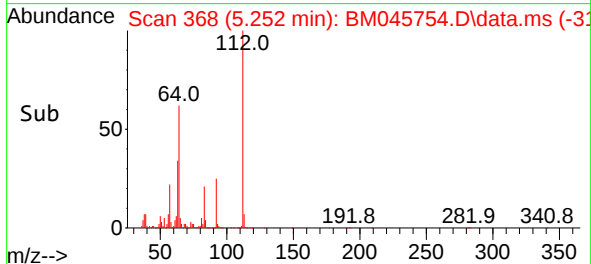
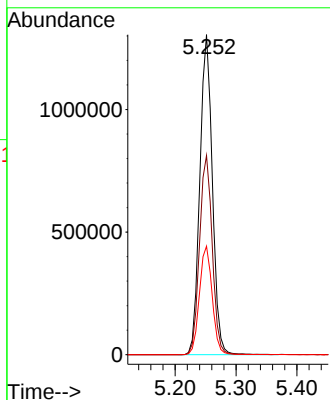
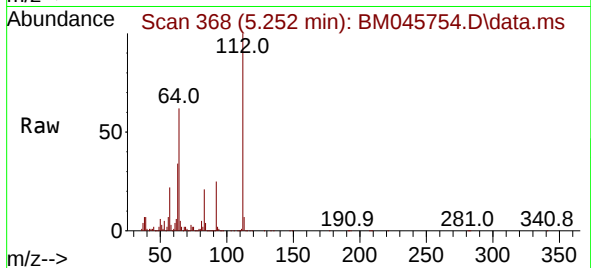




#5
2-Fluorophenol
Concen: 97.457 ng
RT: 5.252 min Scan# 368
Delta R.T. 0.000 min
Lab File: BM045754.D
Acq: 23 May 2024 15:28

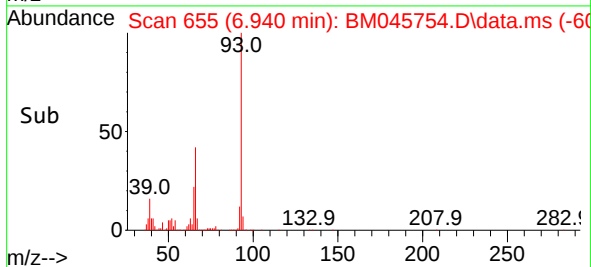
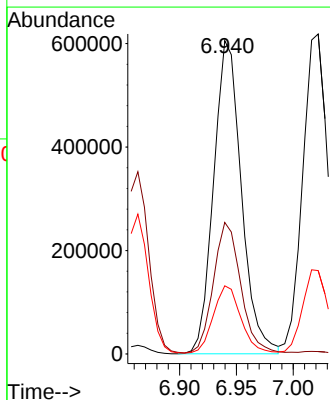
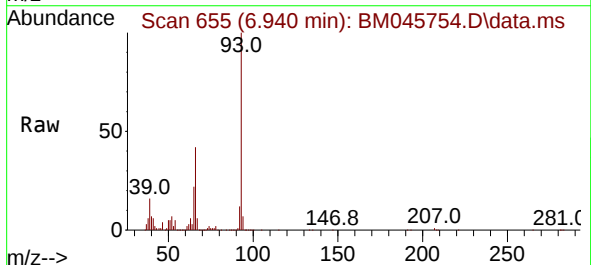
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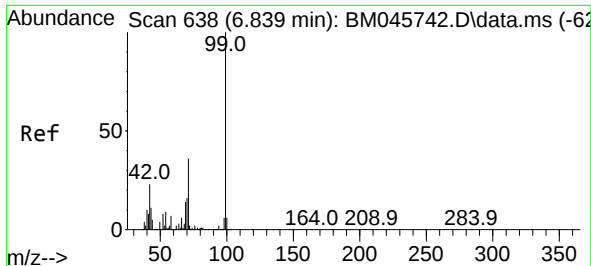
Tgt Ion:112 Resp: 1867005
Ion Ratio Lower Upper
112 100
64 62.2 50.1 75.1
63 33.9 27.3 40.9



#6
Aniline
Concen: 41.926 ng
RT: 6.940 min Scan# 655
Delta R.T. -0.006 min
Lab File: BM045754.D
Acq: 23 May 2024 15:28

Tgt Ion: 93 Resp: 1031341
Ion Ratio Lower Upper
93 100
66 42.0 33.8 50.6
65 21.8 16.8 25.2

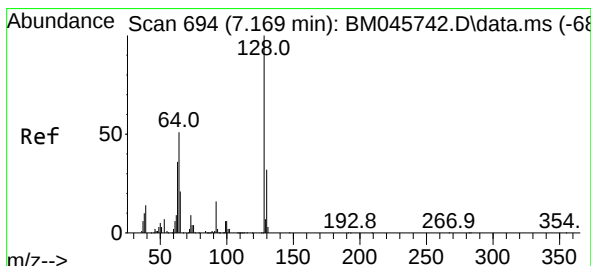
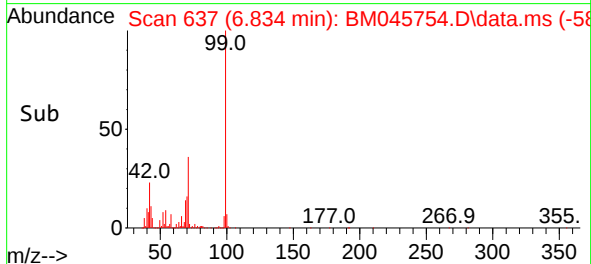
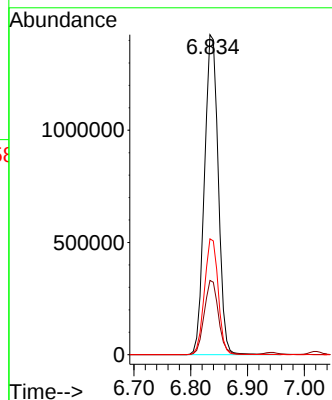
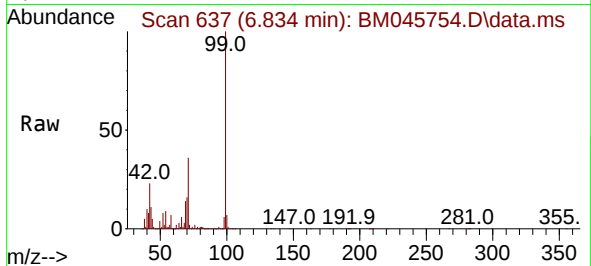




#7
Phenol-d6
Concen: 93.428 ng
RT: 6.834 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM045754.D
Acq: 23 May 2024 15:28

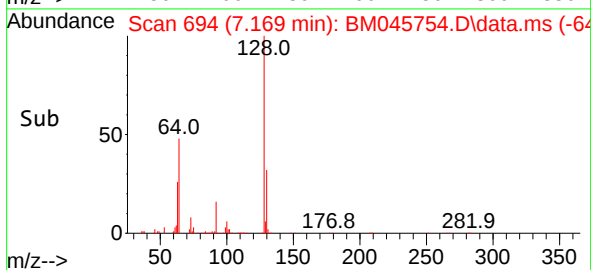
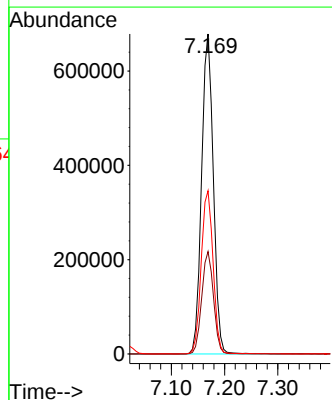
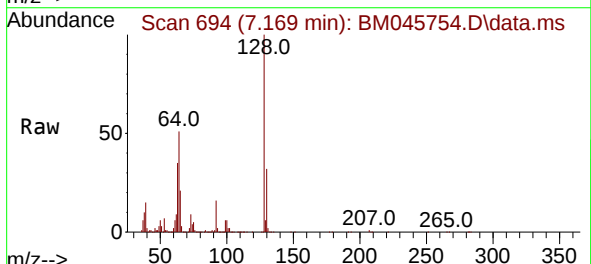
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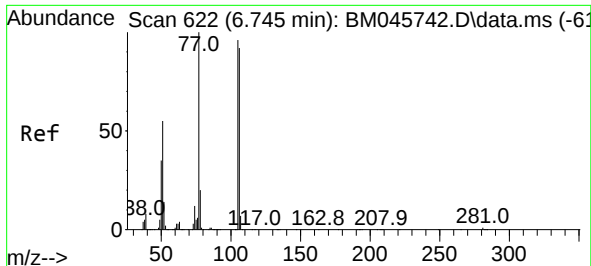
Tgt Ion: 99 Resp: 2402923
Ion Ratio Lower Upper
99 100
42 23.2 18.3 27.5
71 36.2 28.5 42.7



#8
2-Chlorophenol
Concen: 49.478 ng
RT: 7.169 min Scan# 694
Delta R.T. 0.000 min
Lab File: BM045754.D
Acq: 23 May 2024 15:28

Tgt Ion:128 Resp: 1038093
Ion Ratio Lower Upper
128 100
130 32.0 12.2 52.2
64 51.0 32.2 72.2

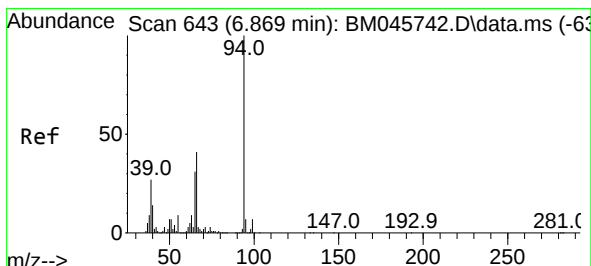
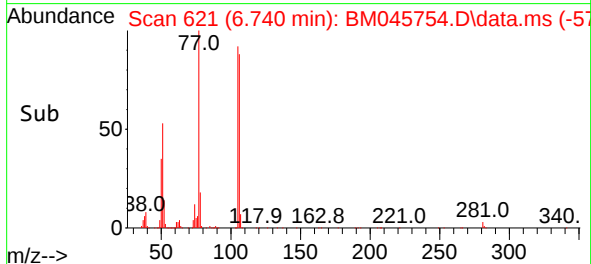
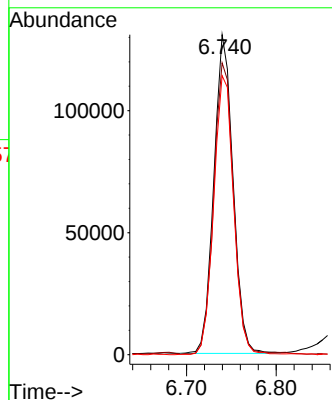
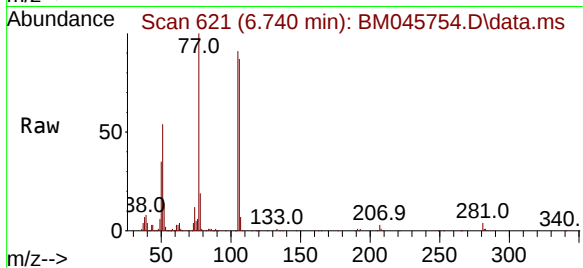




#9
Benzaldehyde
Concen: 12.406 ng
RT: 6.740 min Scan# 61
Delta R.T. -0.005 min
Lab File: BM045754.D
Acq: 23 May 2024 15:28

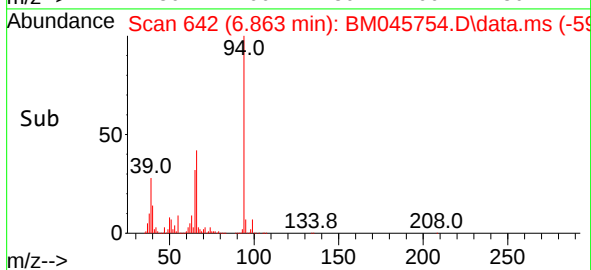
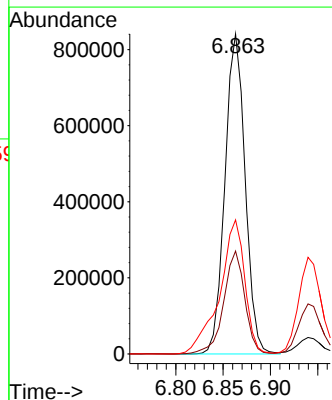
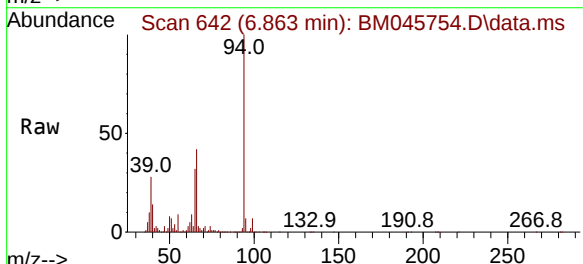
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BNA_M
ClientSampleId :
PB160904BSD

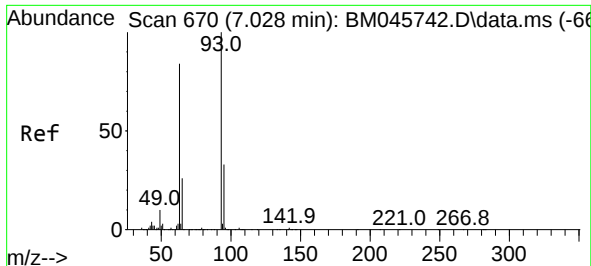
Tgt Ion: 77 Resp: 194384
Ion Ratio Lower Upper
77 100
105 91.2 75.6 115.6
106 87.2 72.1 112.1



#10
Phenol
Concen: 47.958 ng
RT: 6.863 min Scan# 642
Delta R.T. -0.006 min
Lab File: BM045754.D
Acq: 23 May 2024 15:28

Tgt Ion: 94 Resp: 1246554
Ion Ratio Lower Upper
94 100
65 32.1 11.4 51.4
66 41.9 21.3 61.3

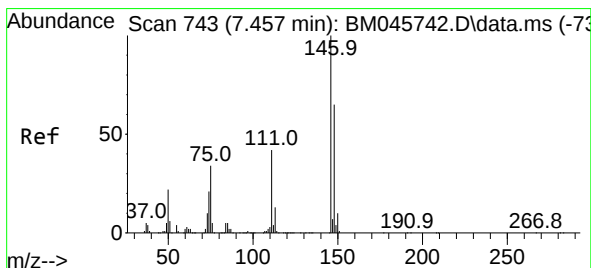
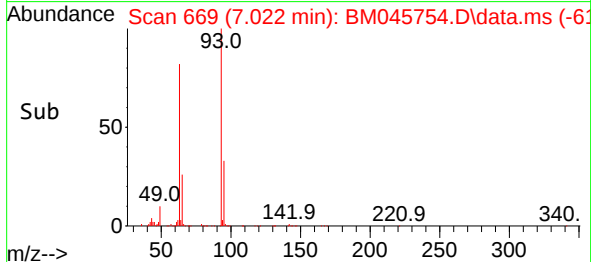
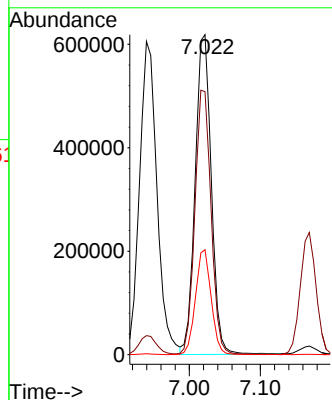
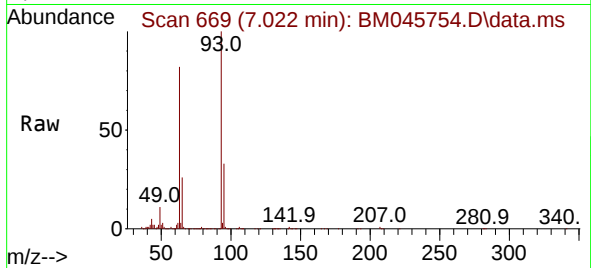




#11
bis(2-Chloroethyl)ether
Concen: 43.508 ng
RT: 7.022 min Scan# 611
Delta R.T. -0.006 min
Lab File: BM045754.D
Acq: 23 May 2024 15:28

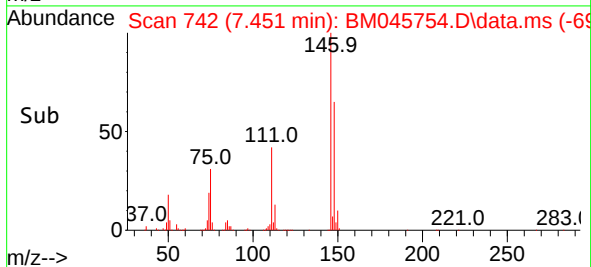
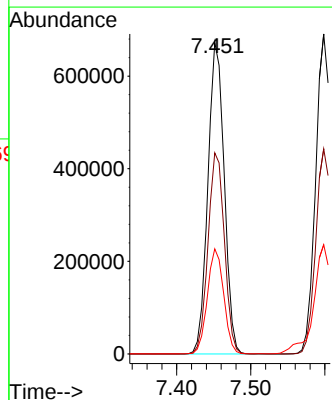
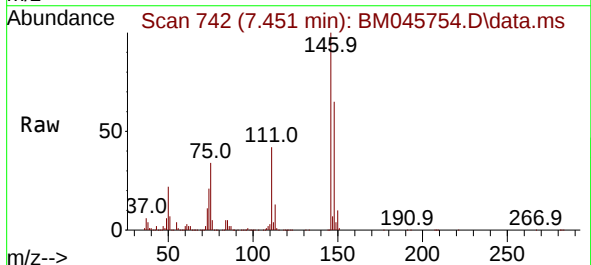
Instrument :
BNA_M
ClientSampleId :
PB160904BSD

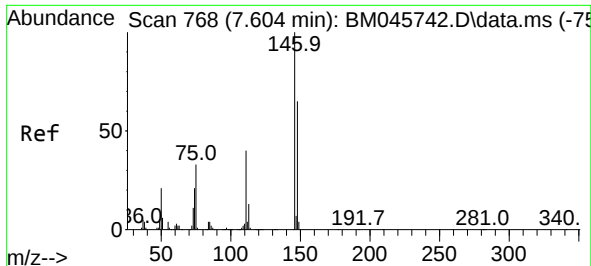
Tgt Ion: 93 Resp: 980114
Ion Ratio Lower Upper
93 100
63 82.2 62.3 102.3
95 32.8 12.5 52.5



#12
1,3-Dichlorobenzene
Concen: 41.189 ng
RT: 7.451 min Scan# 742
Delta R.T. -0.006 min
Lab File: BM045754.D
Acq: 23 May 2024 15:28

Tgt Ion:146 Resp: 1029924
Ion Ratio Lower Upper
146 100
148 64.6 51.8 77.6
75 33.7 27.1 40.7

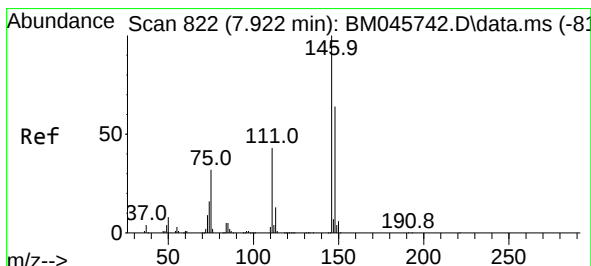
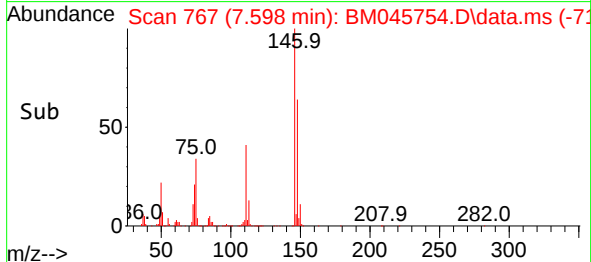
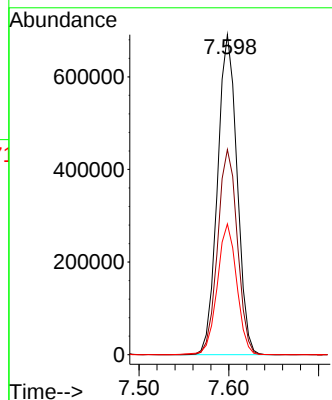
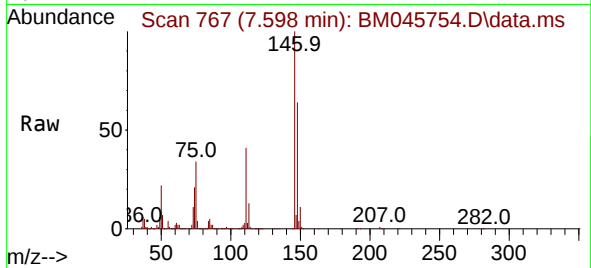




#13
1,4-Dichlorobenzene
Concen: 41.444 ng
RT: 7.598 min Scan# 767
Delta R.T. -0.006 min
Lab File: BM045754.D
Acq: 23 May 2024 15:28

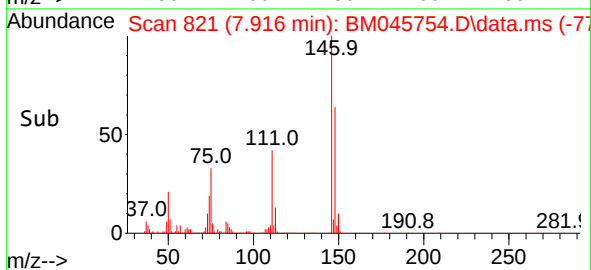
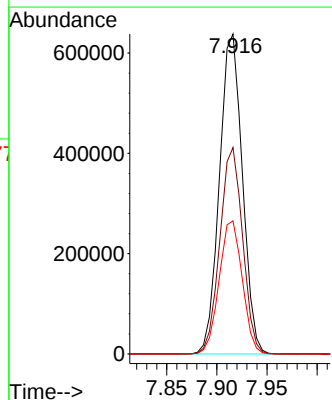
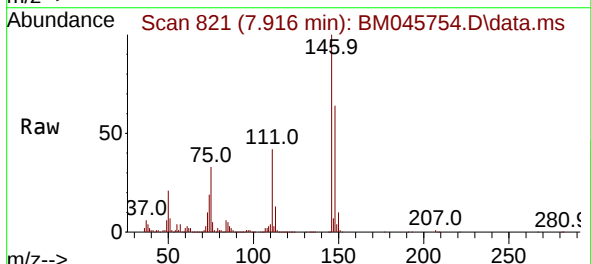
Instrument :
BNA_M
ClientSampleId :
PB160904BSD

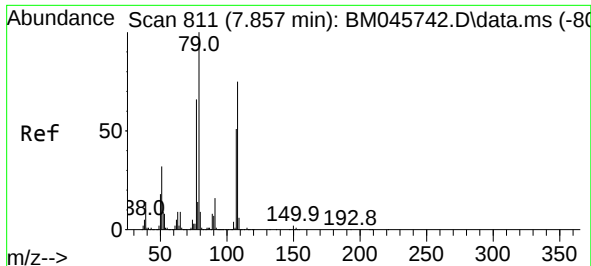
Tgt Ion:146 Resp: 1045077
Ion Ratio Lower Upper
146 100
148 64.1 51.8 77.6
111 40.8 31.7 47.5



#14
1,2-Dichlorobenzene
Concen: 43.041 ng
RT: 7.916 min Scan# 821
Delta R.T. -0.006 min
Lab File: BM045754.D
Acq: 23 May 2024 15:28

Tgt Ion:146 Resp: 1014079
Ion Ratio Lower Upper
146 100
148 64.5 51.6 77.4
111 41.6 34.4 51.6

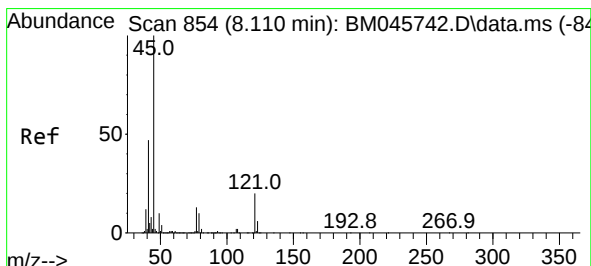
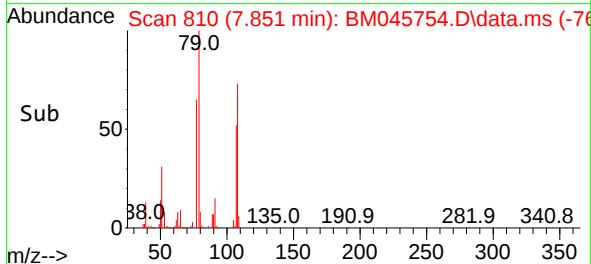
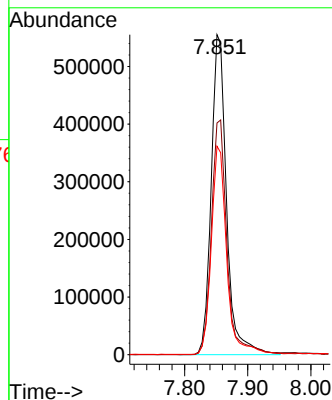
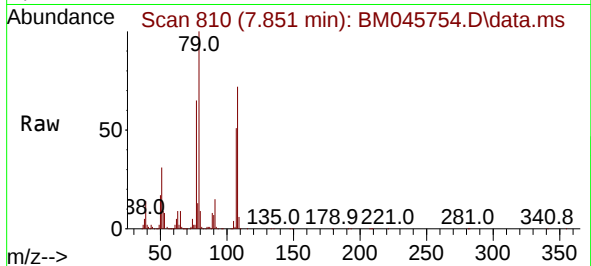




#15
Benzyl Alcohol
Concen: 46.635 ng
RT: 7.851 min Scan# 811
Delta R.T. -0.006 min
Lab File: BM045754.D
Acq: 23 May 2024 15:28

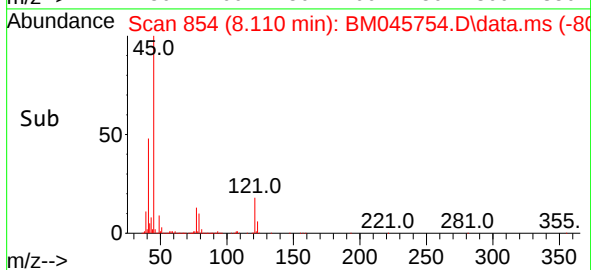
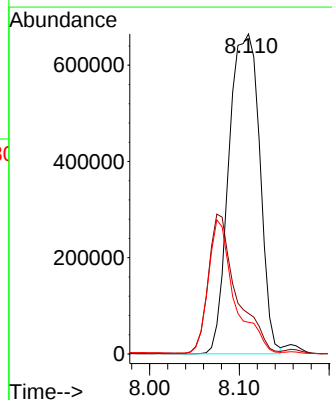
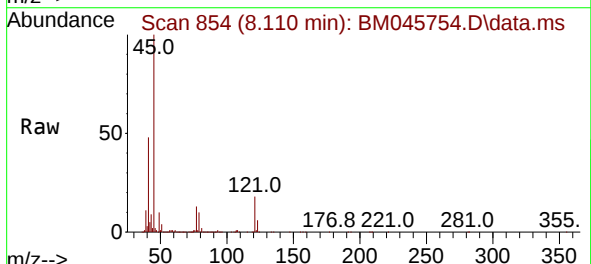
Instrument :
BNA_M
ClientSampleId :
PB160904BSD

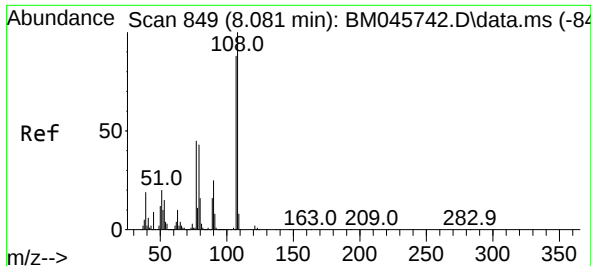
Tgt Ion: 79 Resp: 936680
Ion Ratio Lower Upper
79 100
108 72.4 59.8 89.6
77 65.2 52.6 79.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.306 ng
RT: 8.110 min Scan# 854
Delta R.T. 0.000 min
Lab File: BM045754.D
Acq: 23 May 2024 15:28

Tgt Ion: 45 Resp: 1584061
Ion Ratio Lower Upper
45 100
77 12.6 0.0 33.4
79 9.9 0.0 30.5

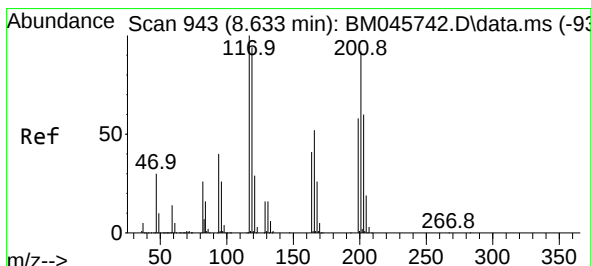
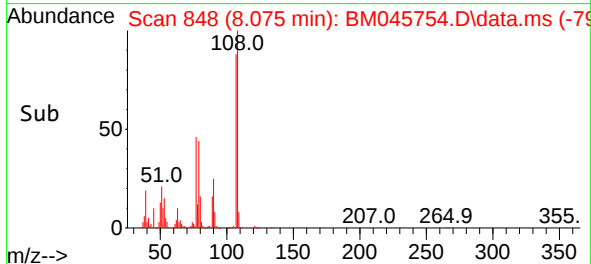
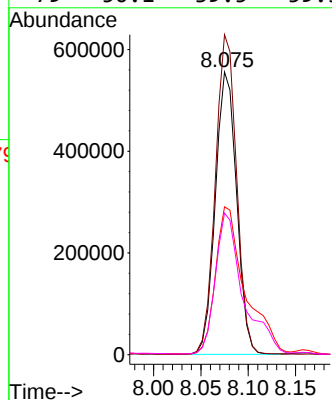
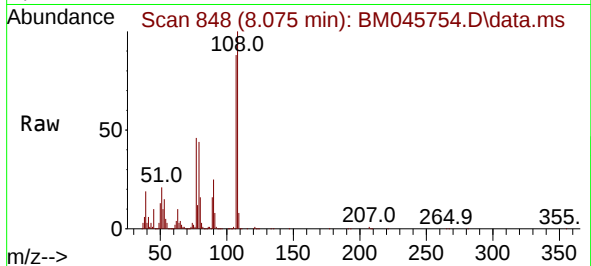




#17
2-Methylphenol
Concen: 48.211 ng
RT: 8.075 min Scan# 849
Delta R.T. -0.006 min
Lab File: BM045754.D
Acq: 23 May 2024 15:28

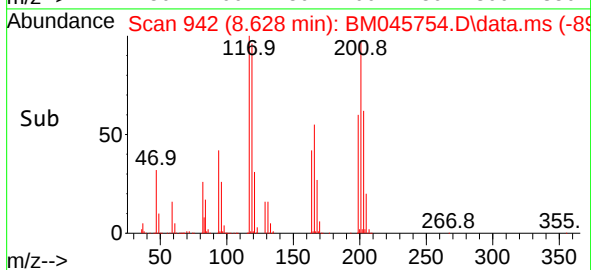
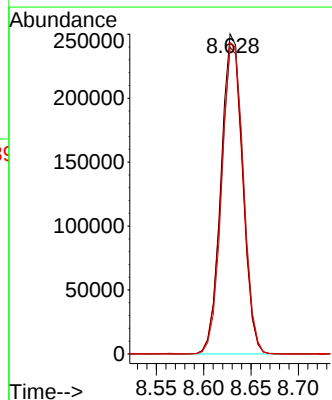
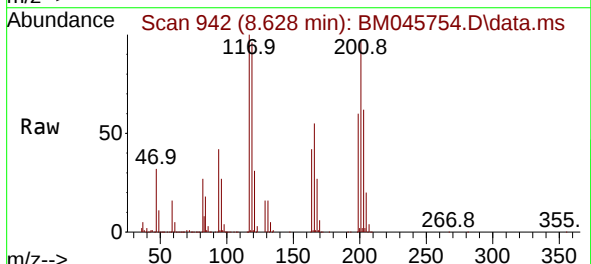
Instrument :
BNA_M
ClientSampleId :
PB160904BSD

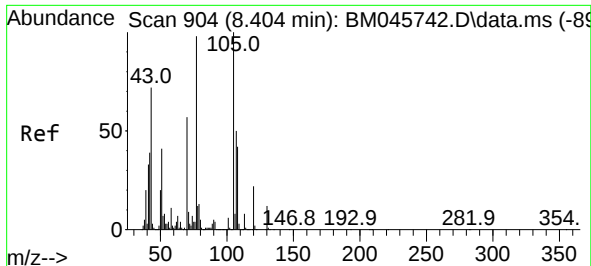
Tgt Ion:107 Resp: 868679
Ion Ratio Lower Upper
107 100
108 113.2 91.4 137.2
77 52.3 41.1 61.7
79 50.1 39.5 59.3



#18
Hexachloroethane
Concen: 40.914 ng
RT: 8.628 min Scan# 942
Delta R.T. -0.006 min
Lab File: BM045754.D
Acq: 23 May 2024 15:28

Tgt Ion:117 Resp: 400495
Ion Ratio Lower Upper
117 100
119 95.9 75.1 112.7
201 97.3 73.5 110.3

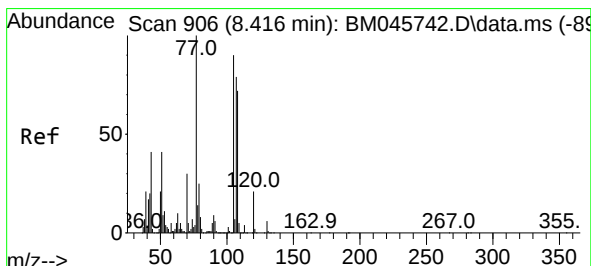
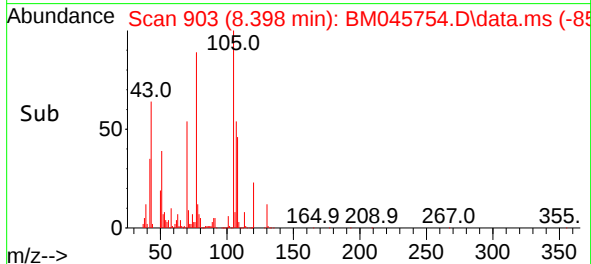
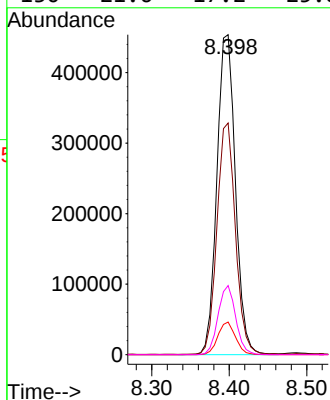
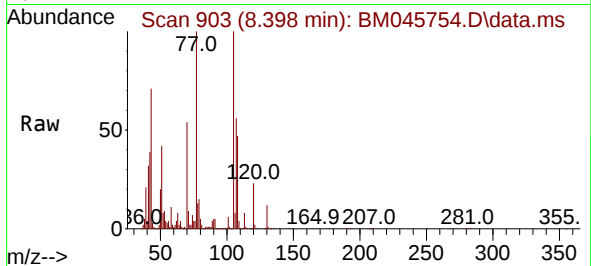




#19
n-Nitroso-di-n-propylamine
Concen: 41.672 ng
RT: 8.398 min Scan# 903
Delta R.T. -0.006 min
Lab File: BM045754.D
Acq: 23 May 2024 15:28

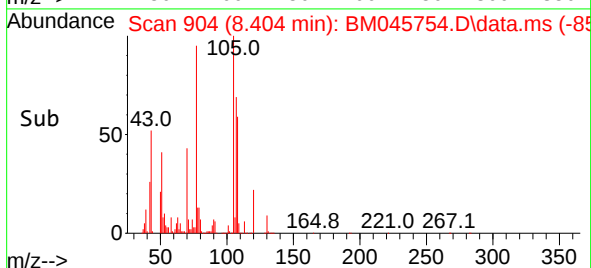
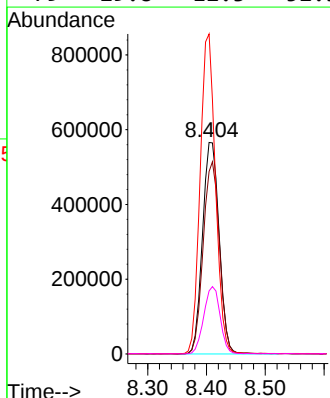
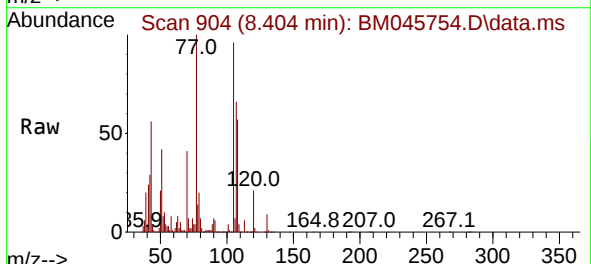
Instrument :
BNA_M
ClientSampleId :
PB160904BSD

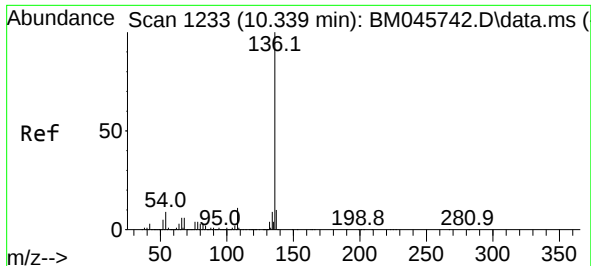
Tgt Ion: 70 Resp: 753521
Ion Ratio Lower Upper
70 100
42 72.4 55.8 83.6
101 10.2 7.8 11.6
130 21.6 17.2 25.8



#20
3+4-Methylphenols
Concen: 46.324 ng
RT: 8.404 min Scan# 904
Delta R.T. -0.012 min
Lab File: BM045754.D
Acq: 23 May 2024 15:28

Tgt Ion: 107 Resp: 1111448
Ion Ratio Lower Upper
107 100
108 86.2 71.2 111.2
77 151.2 106.9 146.9#
79 29.8 12.3 52.3

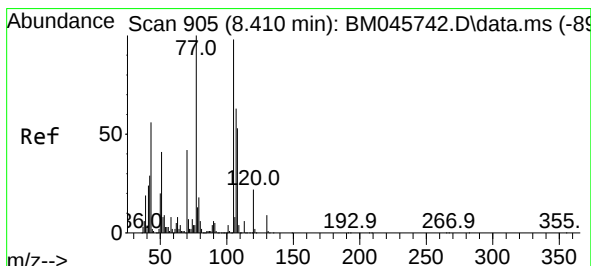
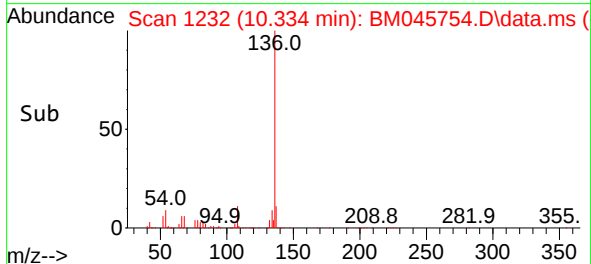
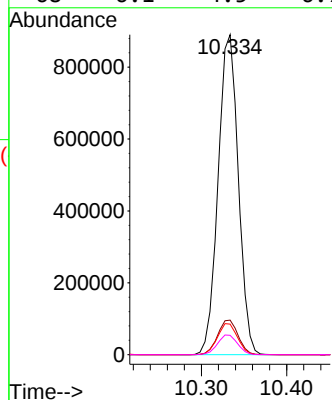
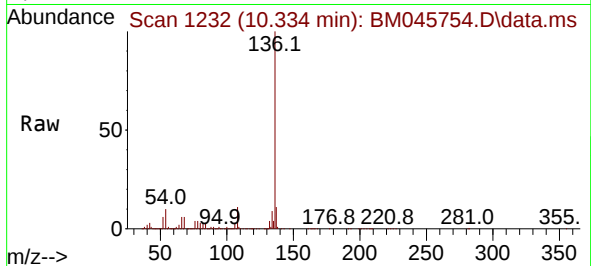




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.334 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM045754.D
Acq: 23 May 2024 15:28

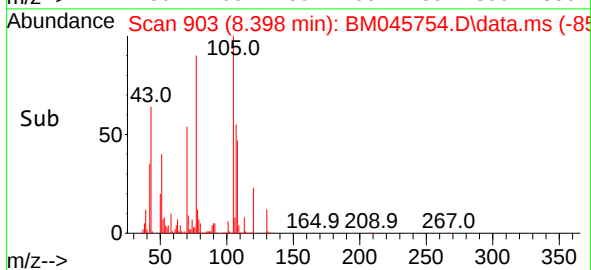
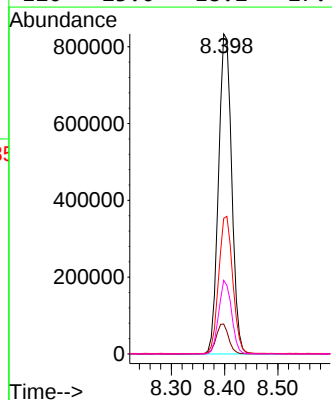
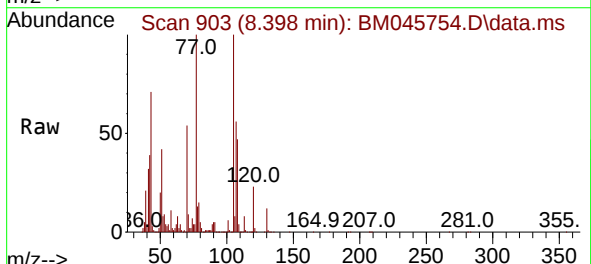
Instrument :
BNA_M
ClientSampleId :
PB160904BSD

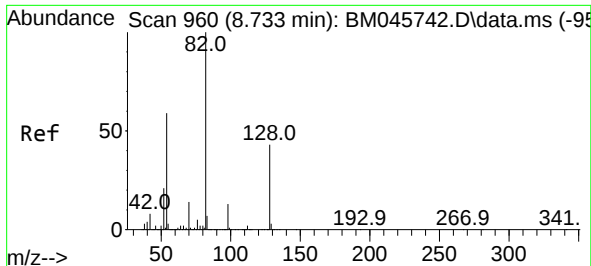
Tgt Ion:136 Resp: 1466721
Ion Ratio Lower Upper
136 100
137 10.8 8.2 12.2
54 9.5 7.5 11.3
68 6.1 4.5 6.7



#22
Acetophenone
Concen: 42.193 ng
RT: 8.398 min Scan# 903
Delta R.T. -0.012 min
Lab File: BM045754.D
Acq: 23 May 2024 15:28

Tgt Ion:105 Resp: 1431271
Ion Ratio Lower Upper
105 100
71 9.4 5.7 8.5#
51 42.4 33.8 50.6
120 23.0 18.2 27.4





#23

Nitrobenzene-d5

Concen: 84.726 ng

RT: 8.728 min Scan# 91

Delta R.T. -0.005 min

Lab File: BM045754.D

Acq: 23 May 2024 15:28

Instrument :

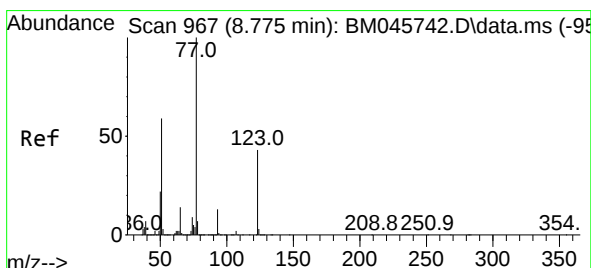
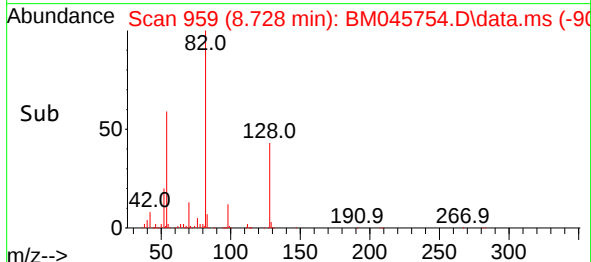
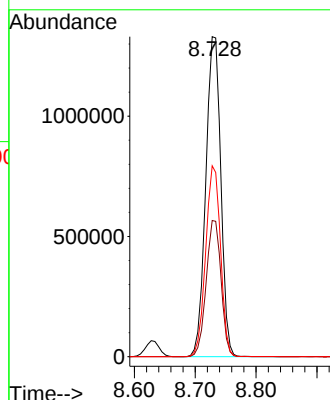
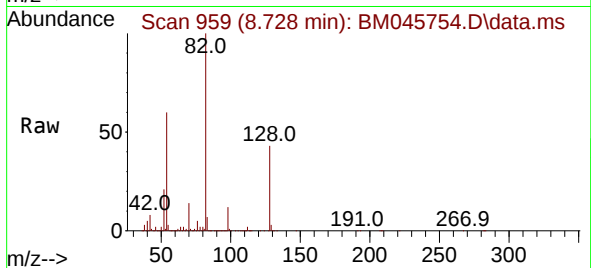
BNA_M

ClientSampleId :

PB160904BSD

Tgt Ion: 82 Resp: 2284464

Ion	Ratio	Lower	Upper
82	100		
128	42.5	34.2	51.4
54	59.6	47.3	70.9



#24

Nitrobenzene

Concen: 42.890 ng

RT: 8.769 min Scan# 966

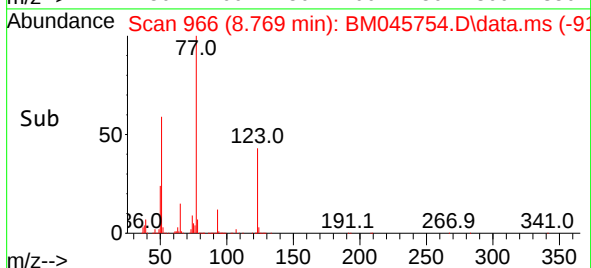
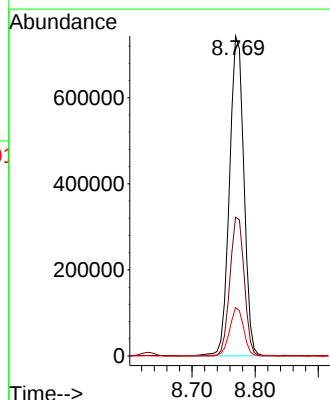
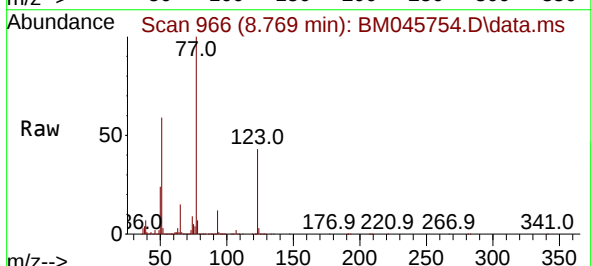
Delta R.T. -0.006 min

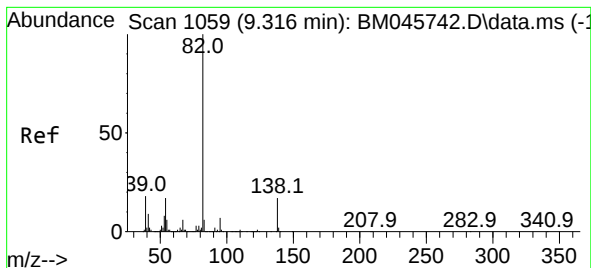
Lab File: BM045754.D

Acq: 23 May 2024 15:28

Tgt Ion: 77 Resp: 1176175

Ion	Ratio	Lower	Upper
77	100		
123	43.4	34.1	51.1
65	15.1	11.2	16.8





#25

Isophorone

Concen: 43.227 ng

RT: 9.310 min Scan# 1058

Delta R.T. -0.006 min

Lab File: BM045754.D

Acq: 23 May 2024 15:28

Instrument :

BNA_M

ClientSampleId :

PB160904BSD

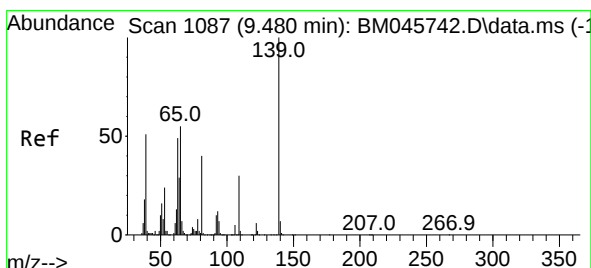
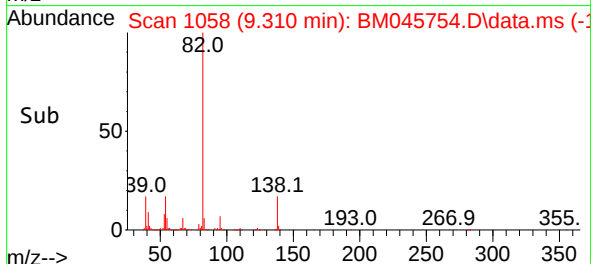
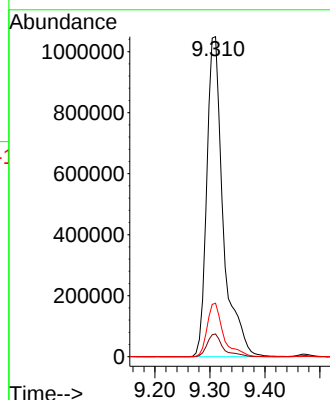
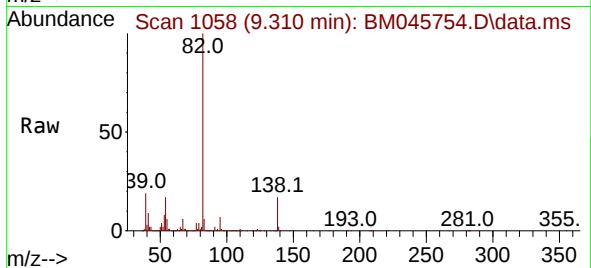
Tgt Ion: 82 Resp: 2169633

Ion Ratio Lower Upper

82 100

95 7.1 5.7 8.5

138 16.7 13.8 20.8



#26

2-Nitrophenol

Concen: 44.775 ng

RT: 9.475 min Scan# 1086

Delta R.T. -0.005 min

Lab File: BM045754.D

Acq: 23 May 2024 15:28

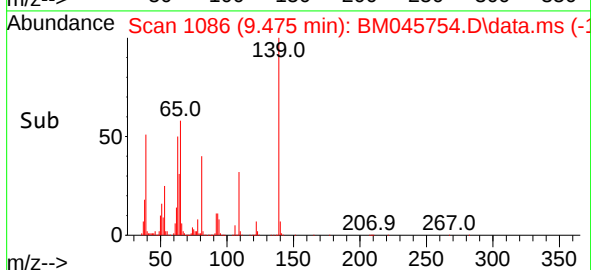
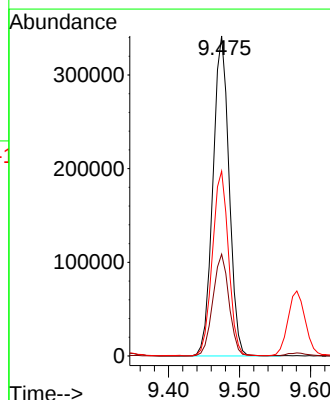
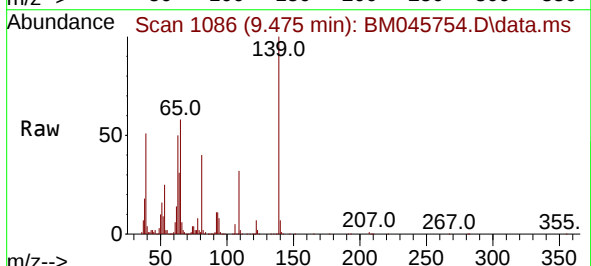
Tgt Ion:139 Resp: 538952

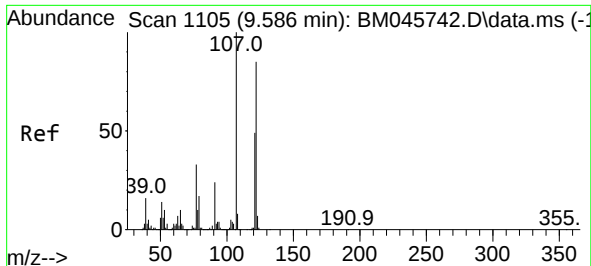
Ion Ratio Lower Upper

139 100

109 31.8 24.4 36.6

65 57.8 44.5 66.7

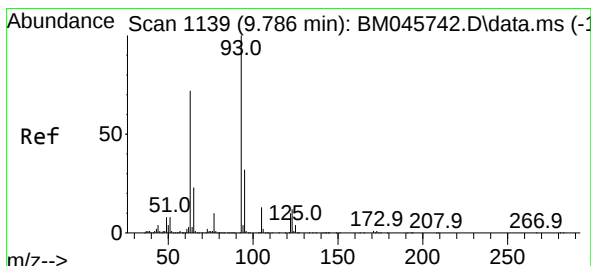
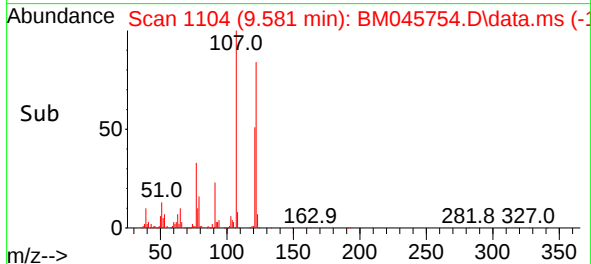
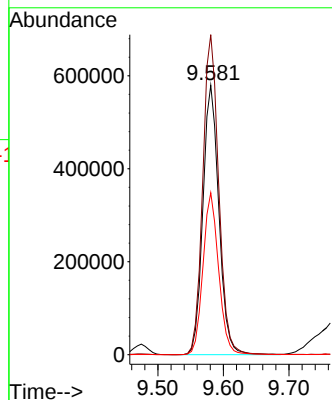
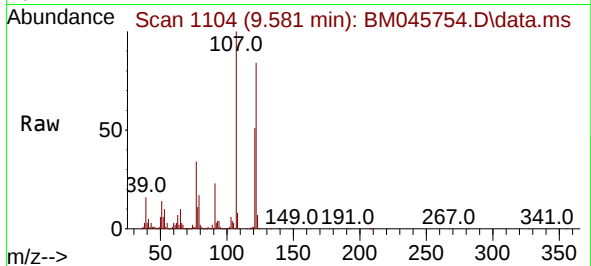




#27
2,4-Dimethylphenol
Concen: 64.341 ng
RT: 9.581 min Scan# 1104
Delta R.T. -0.006 min
Lab File: BM045754.D
Acq: 23 May 2024 15:28

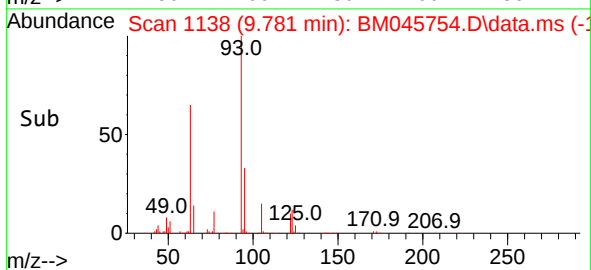
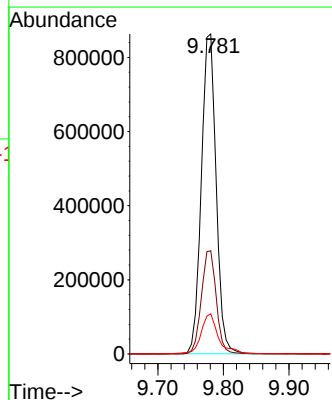
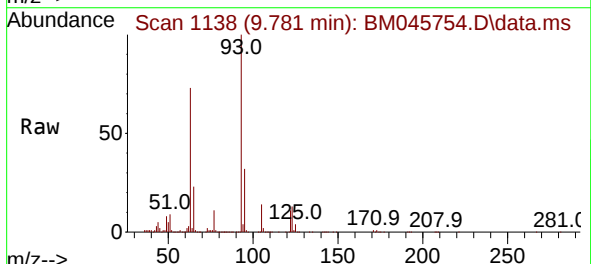
Instrument :
BNA_M
ClientSampleId :
PB160904BSD

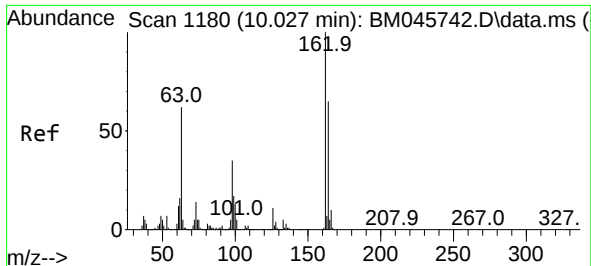
Tgt Ion:122 Resp: 984966
Ion Ratio Lower Upper
122 100
107 118.8 93.9 140.9
121 60.1 46.1 69.1



#28
bis(2-Chloroethoxy)methane
Concen: 43.869 ng
RT: 9.781 min Scan# 1138
Delta R.T. -0.006 min
Lab File: BM045754.D
Acq: 23 May 2024 15:28

Tgt Ion: 93 Resp: 1355748
Ion Ratio Lower Upper
93 100
95 32.3 25.8 38.8
123 12.5 9.8 14.8





#29

2,4-Dichlorophenol

Concen: 48.312 ng

RT: 10.022 min Scan# 11

Delta R.T. -0.005 min

Lab File: BM045754.D

Acq: 23 May 2024 15:28

Instrument :

BNA_M

ClientSampleId :

PB160904BSD

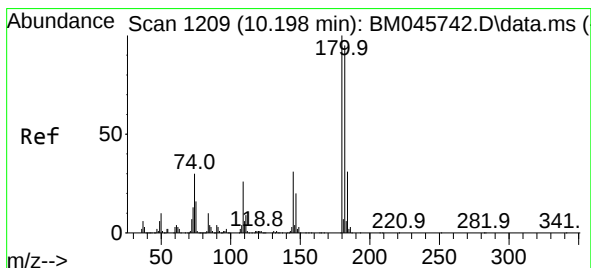
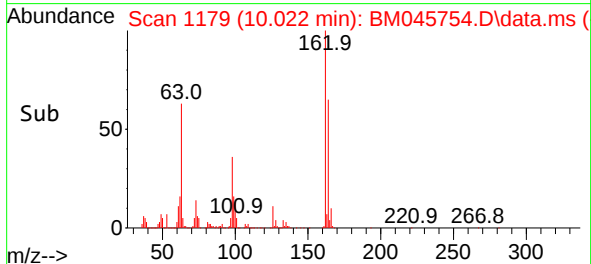
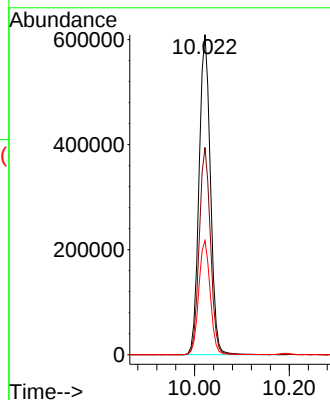
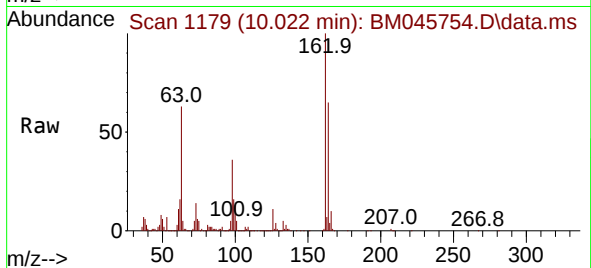
Tgt Ion:162 Resp: 1011381

Ion Ratio Lower Upper

162 100

164 64.7 45.4 85.4

98 35.7 15.5 55.5



#30

1,2,4-Trichlorobenzene

Concen: 42.363 ng

RT: 10.192 min Scan# 1208

Delta R.T. -0.006 min

Lab File: BM045754.D

Acq: 23 May 2024 15:28

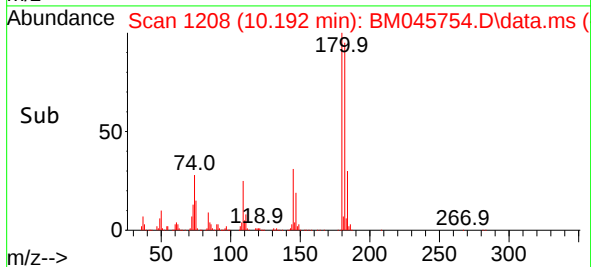
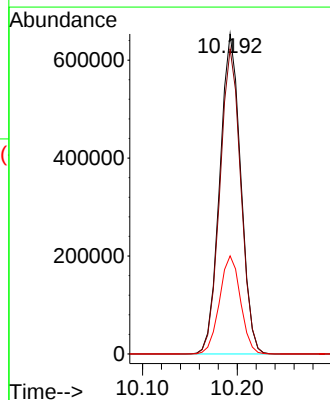
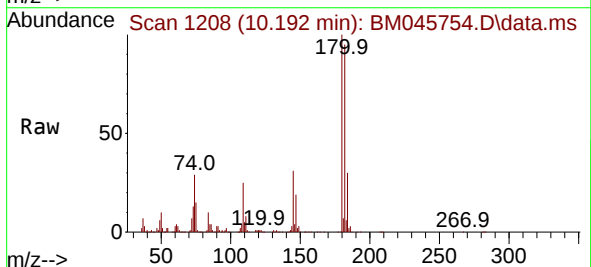
Tgt Ion:180 Resp: 1004222

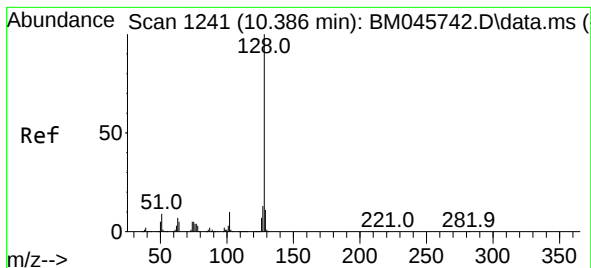
Ion Ratio Lower Upper

180 100

182 95.4 76.0 114.0

145 30.7 24.6 37.0

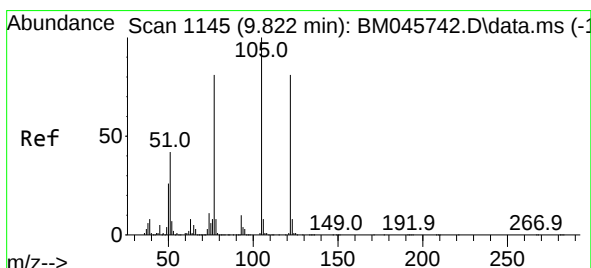
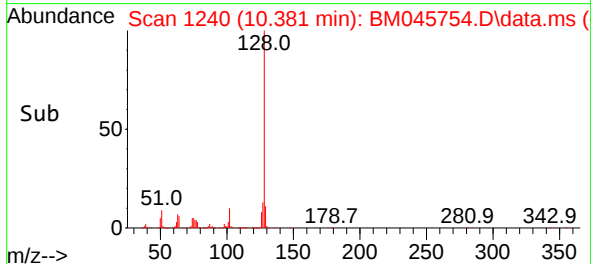
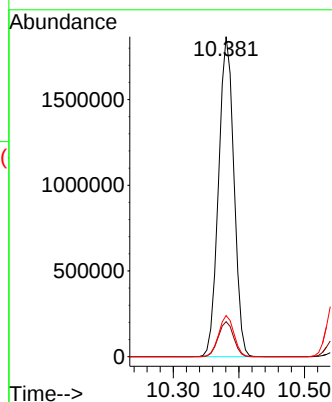
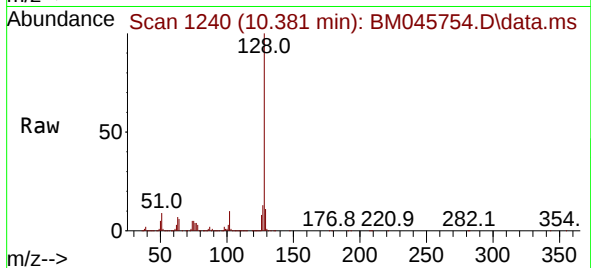




#31
Naphthalene
Concen: 41.613 ng
RT: 10.381 min Scan# 11
Delta R.T. -0.005 min
Lab File: BM045754.D
Acq: 23 May 2024 15:28

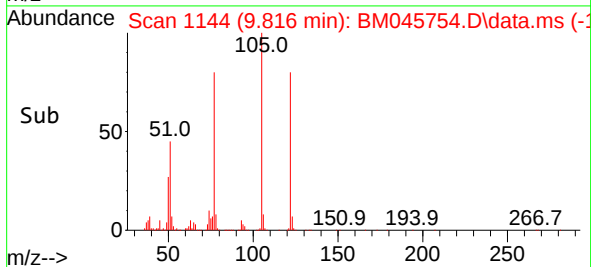
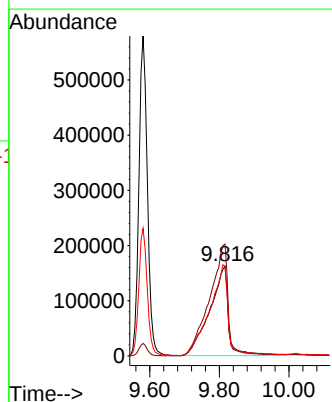
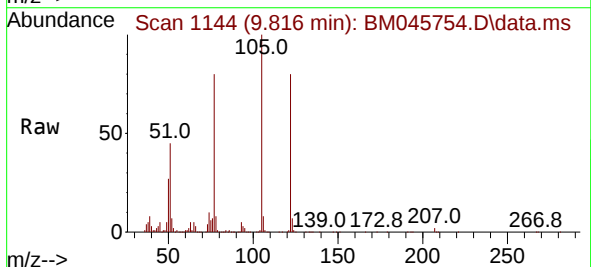
Instrument :
BNA_M
ClientSampleId :
PB160904BSD

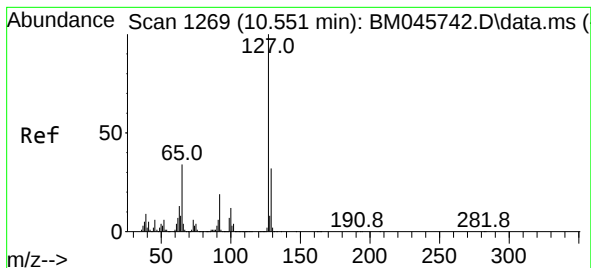
Tgt Ion:128 Resp: 3023786
Ion Ratio Lower Upper
128 100
129 11.0 8.6 13.0
127 12.8 10.2 15.2



#32
Benzoic acid
Concen: 42.667 ng
RT: 9.816 min Scan# 1144
Delta R.T. -0.006 min
Lab File: BM045754.D
Acq: 23 May 2024 15:28

Tgt Ion:122 Resp: 604719
Ion Ratio Lower Upper
122 100
105 124.6 103.0 143.0
77 99.7 79.9 119.9





#33

4-Chloroaniline

Concen: 27.304 ng

RT: 10.545 min Scan# 1268

Delta R.T. -0.006 min

Lab File: BM045754.D

Acq: 23 May 2024 15:28

Instrument :

BNA_M

ClientSampleId :

PB160904BSD

Tgt Ion:127 Resp: 757363

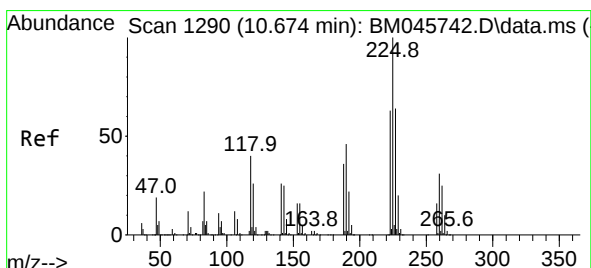
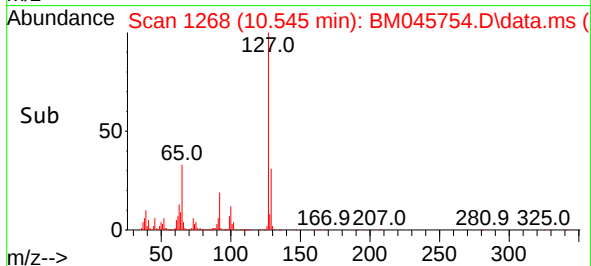
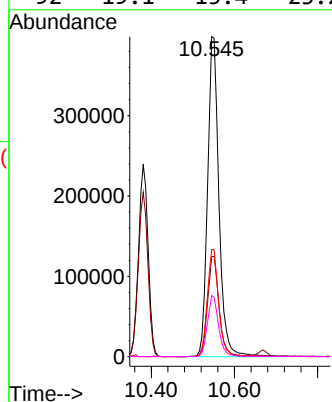
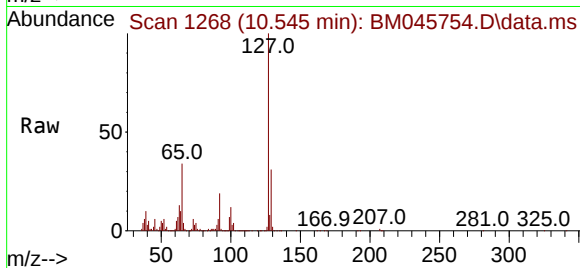
Ion Ratio Lower Upper

127 100

129 31.3 25.7 38.5

65 33.5 27.3 40.9

92 19.1 15.4 23.2



#34

Hexachlorobutadiene

Concen: 40.510 ng

RT: 10.669 min Scan# 1289

Delta R.T. -0.006 min

Lab File: BM045754.D

Acq: 23 May 2024 15:28

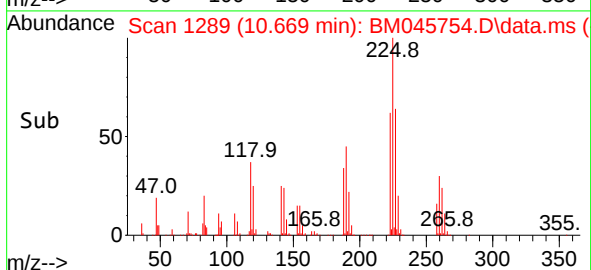
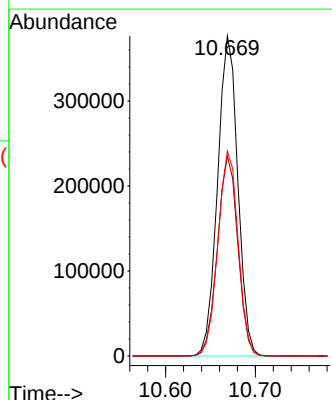
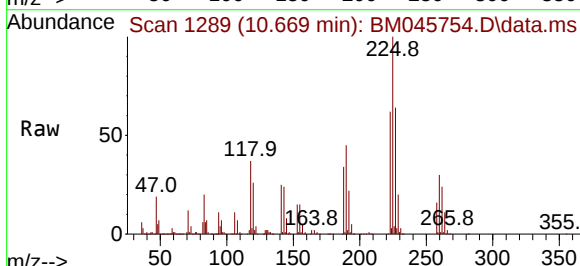
Tgt Ion:225 Resp: 588746

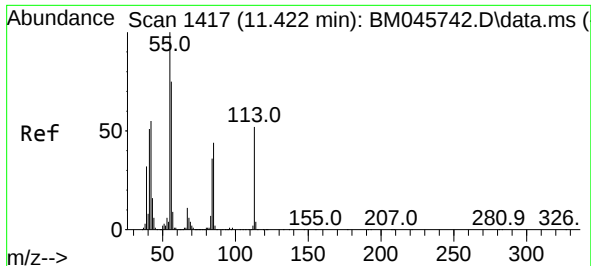
Ion Ratio Lower Upper

225 100

223 62.5 50.5 75.7

227 64.1 51.0 76.6

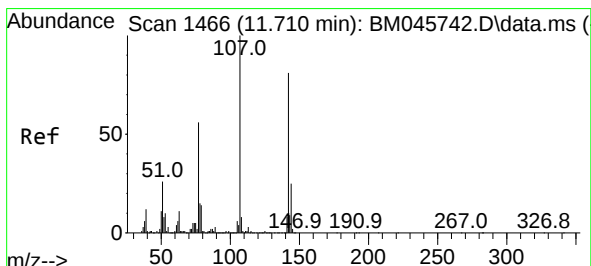
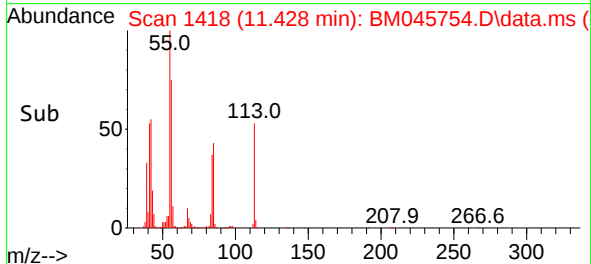
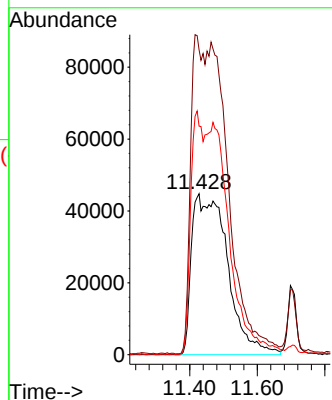
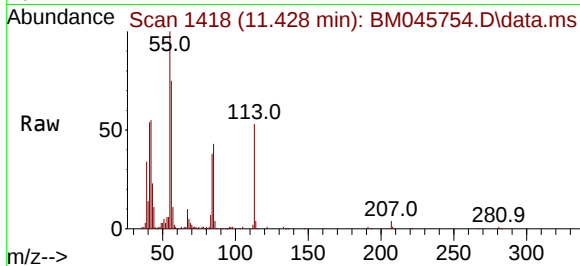




#35
 Caprolactam
 Concen: 48.454 ng m
 RT: 11.428 min Scan# 1417
 Delta R.T. 0.006 min
 Lab File: BM045754.D
 Acq: 23 May 2024 15:28

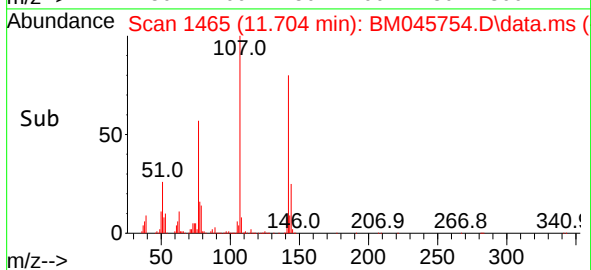
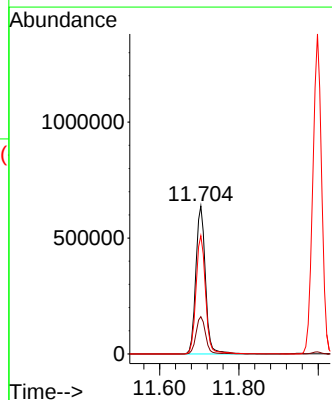
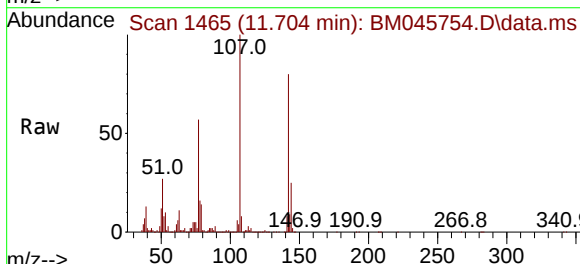
Instrument :
 BNA_M
 ClientSampleId :
 PB160904BSD

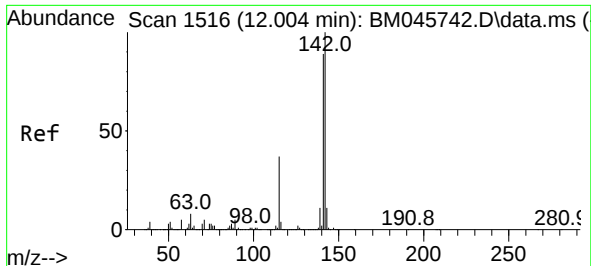
Tgt Ion:113 Resp: 328067
 Ion Ratio Lower Upper
 113 100
 55 189.3 171.1 211.1
 56 142.0 123.3 163.3



#36
 4-Chloro-3-methylphenol
 Concen: 45.073 ng
 RT: 11.704 min Scan# 1465
 Delta R.T. -0.006 min
 Lab File: BM045754.D
 Acq: 23 May 2024 15:28

Tgt Ion:107 Resp: 1072949
 Ion Ratio Lower Upper
 107 100
 144 25.2 20.4 30.6
 142 79.9 64.7 97.1

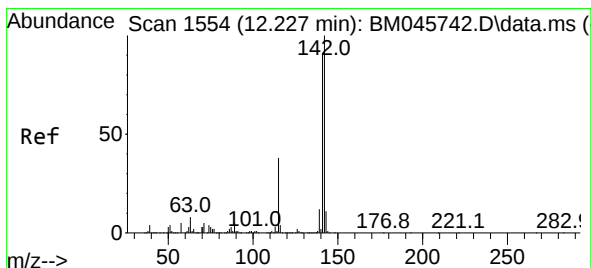
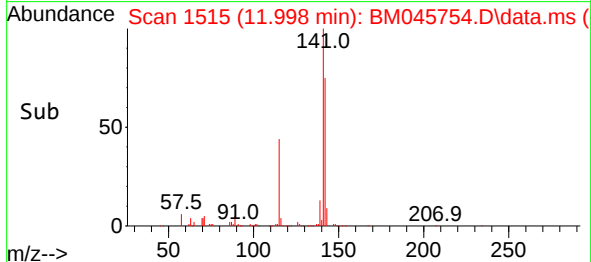
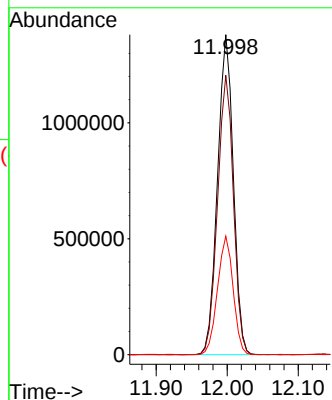
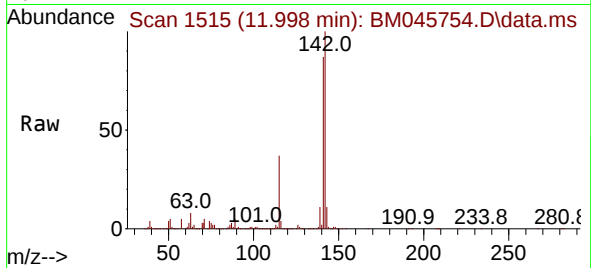




#37
2-Methylnaphthalene
Concen: 41.949 ng
RT: 11.998 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM045754.D
Acq: 23 May 2024 15:28

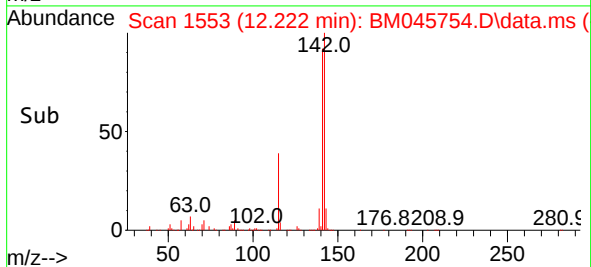
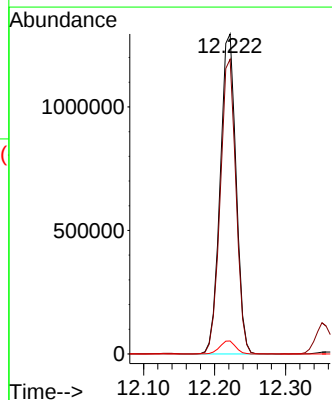
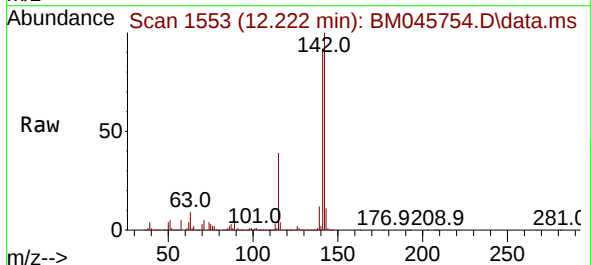
Instrument :
BNA_M
ClientSampleId :
PB160904BSD

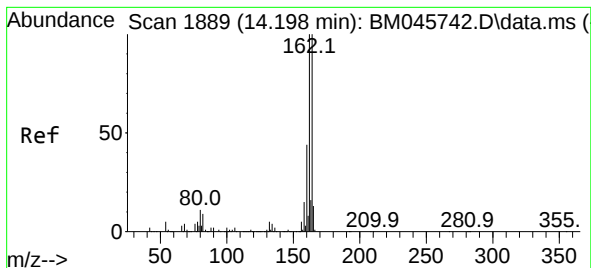
Tgt Ion:142 Resp: 2123319
Ion Ratio Lower Upper
142 100
141 87.3 71.1 106.7
115 37.1 29.4 44.0



#38
1-Methylnaphthalene
Concen: 40.049 ng
RT: 12.222 min Scan# 1553
Delta R.T. -0.006 min
Lab File: BM045754.D
Acq: 23 May 2024 15:28

Tgt Ion:142 Resp: 2000057
Ion Ratio Lower Upper
142 100
141 92.1 72.8 109.2
116 4.0 3.0 4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.198 min Scan# 11

Delta R.T. 0.000 min

Lab File: BM045754.D

Acq: 23 May 2024 15:28

Instrument :

BNA_M

ClientSampleId :

PB160904BSD

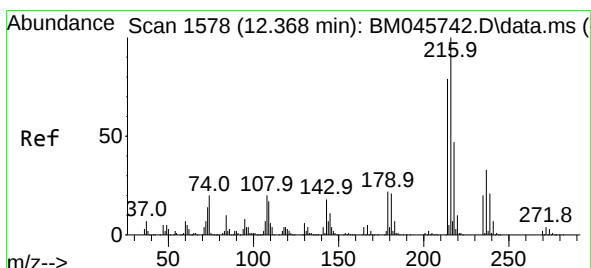
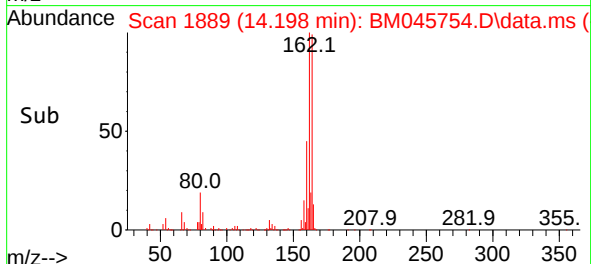
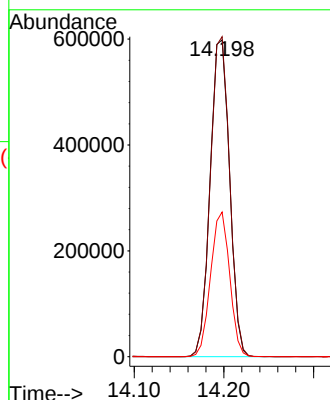
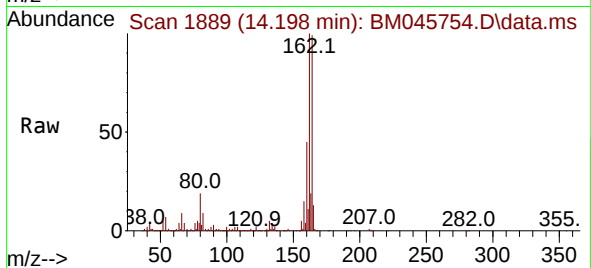
Tgt Ion:164 Resp: 902952

Ion Ratio Lower Upper

164 100

162 101.0 79.9 119.9

160 45.7 35.0 52.6



#40

1,2,4,5-Tetrachlorobenzene

Concen: 44.280 ng

RT: 12.363 min Scan# 1577

Delta R.T. -0.006 min

Lab File: BM045754.D

Acq: 23 May 2024 15:28

Tgt Ion:216 Resp: 1031111

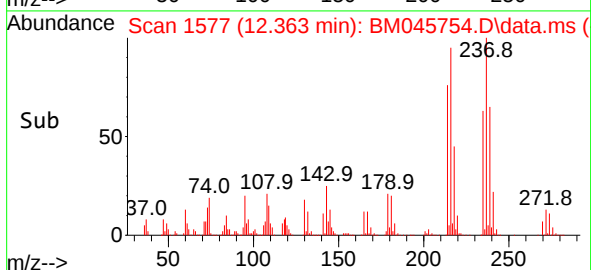
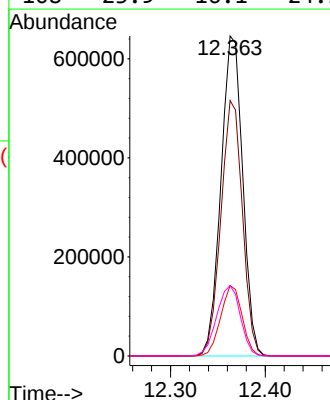
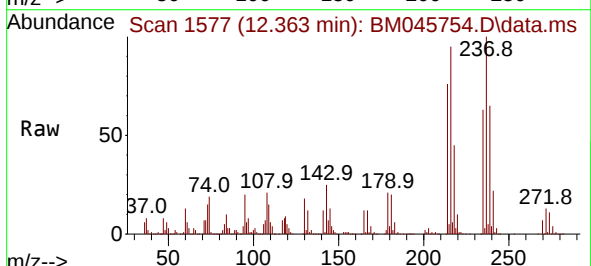
Ion Ratio Lower Upper

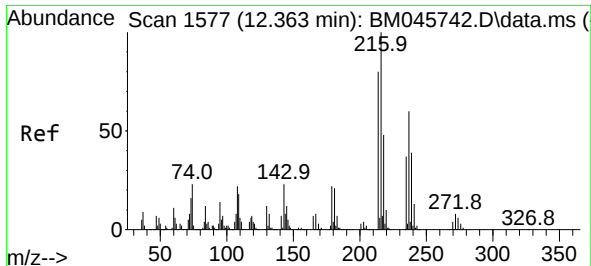
216 100

214 79.0 62.6 94.0

179 21.7 17.4 26.2

108 23.9 16.1 24.1

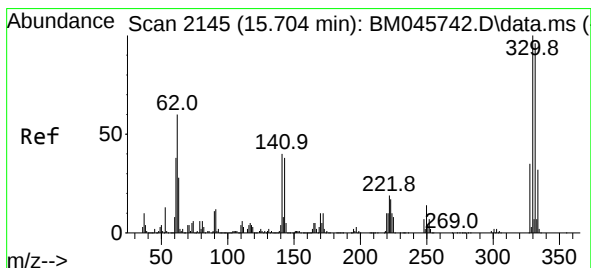
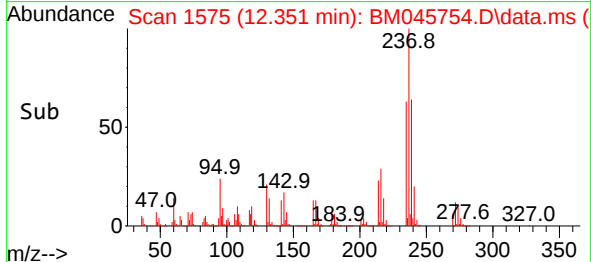
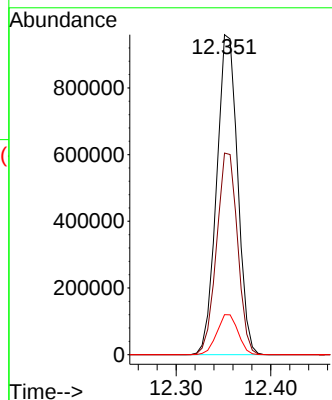
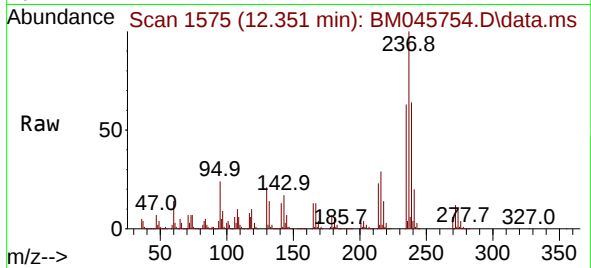




#41
Hexachlorocyclopentadiene
Concen: 151.473 ng
RT: 12.351 min Scan# 1
Delta R.T. -0.012 min
Lab File: BM045754.D
Acq: 23 May 2024 15:28

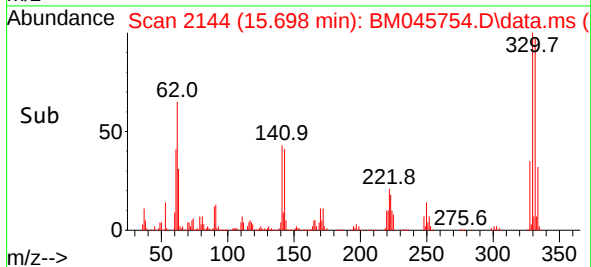
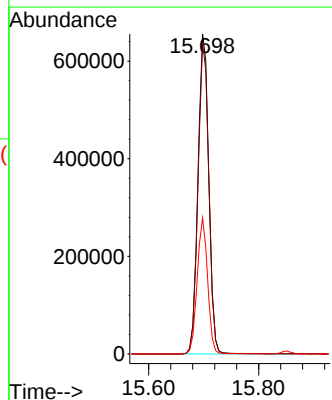
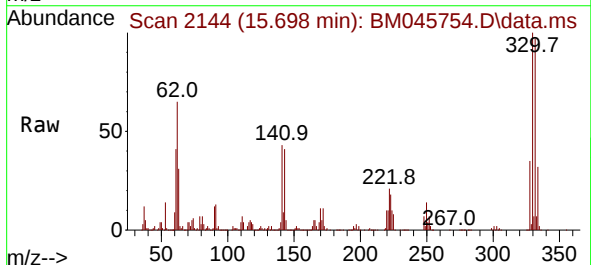
Instrument :
BNA_M
ClientSampleId :
PB160904BSD

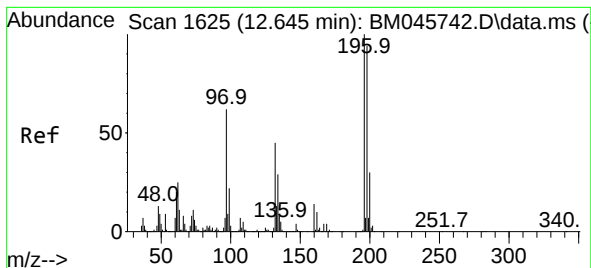
Tgt Ion:237 Resp: 1476280
Ion Ratio Lower Upper
237 100
235 63.0 41.8 81.8
272 12.5 0.0 32.9



#42
2,4,6-Tribromophenol
Concen: 93.933 ng
RT: 15.698 min Scan# 2144
Delta R.T. -0.006 min
Lab File: BM045754.D
Acq: 23 May 2024 15:28

Tgt Ion:330 Resp: 898370
Ion Ratio Lower Upper
330 100
332 96.6 77.2 115.8
141 40.9 32.2 48.4





#43

2,4,6-Trichlorophenol

Concen: 50.084 ng

RT: 12.645 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM045754.D

Acq: 23 May 2024 15:28

Instrument :

BNA_M

ClientSampleId :

PB160904BSD

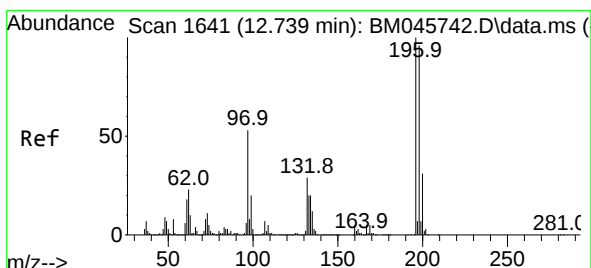
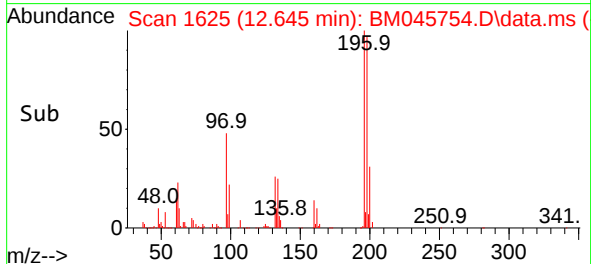
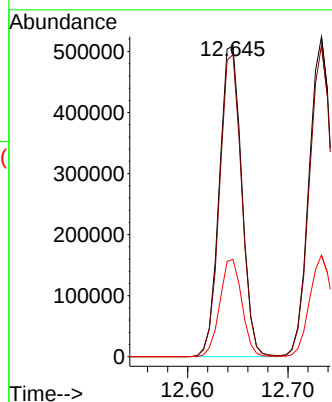
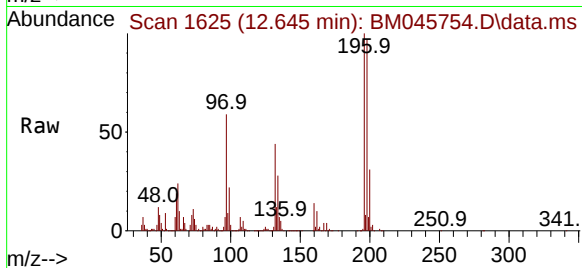
Tgt Ion:196 Resp: 787094

Ion Ratio Lower Upper

196 100

198 97.1 75.4 113.0

200 31.3 24.3 36.5



#44

2,4,5-Trichlorophenol

Concen: 47.530 ng

RT: 12.733 min Scan# 1640

Delta R.T. -0.006 min

Lab File: BM045754.D

Acq: 23 May 2024 15:28

Tgt Ion:196 Resp: 831336

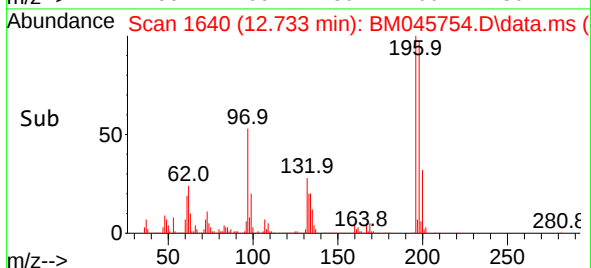
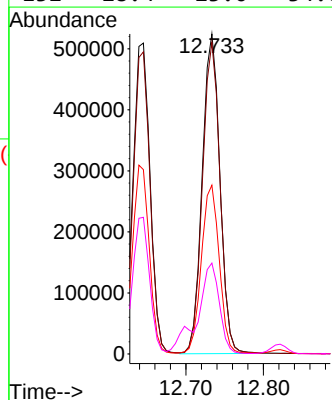
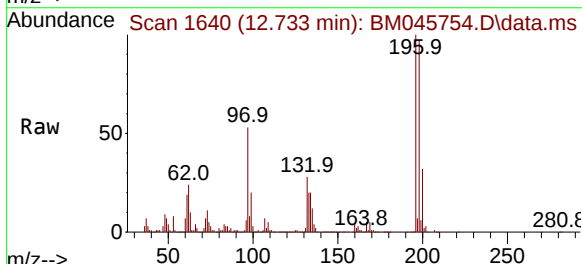
Ion Ratio Lower Upper

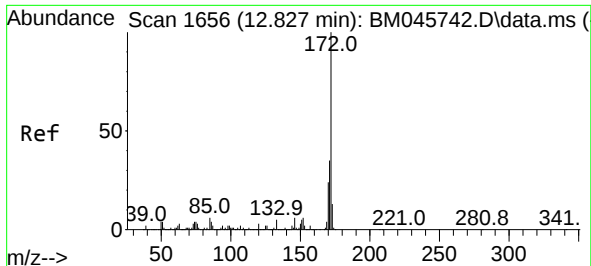
196 100

198 97.4 77.2 115.8

97 52.8 42.6 64.0

132 28.4 23.0 34.6

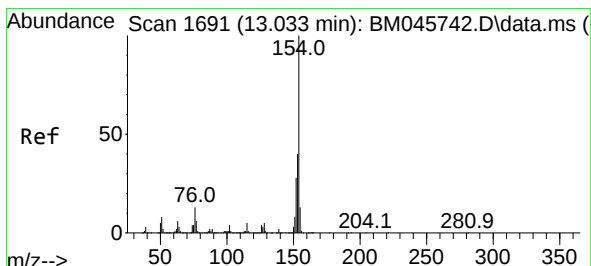
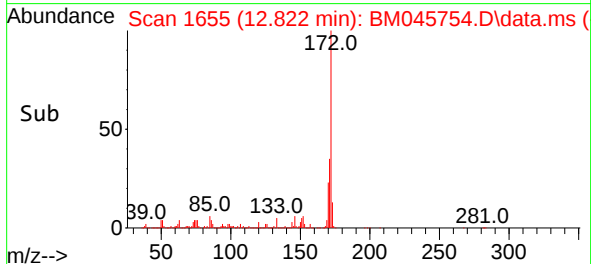
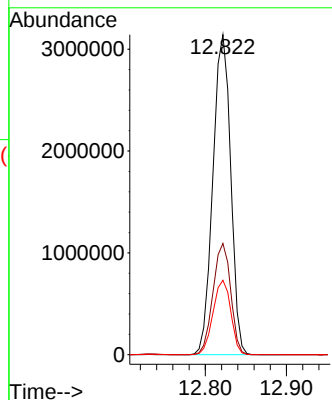
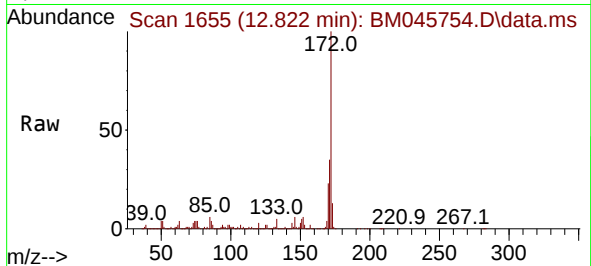




#45
2-Fluorobiphenyl
Concen: 85.180 ng
RT: 12.822 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM045754.D
Acq: 23 May 2024 15:28

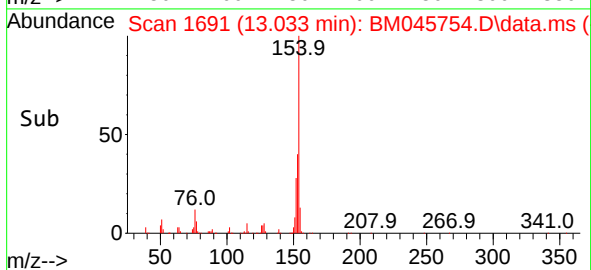
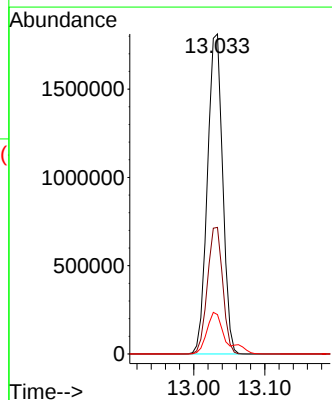
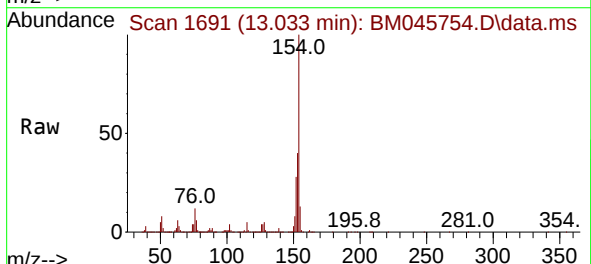
Instrument :
BNA_M
ClientSampleId :
PB160904BSD

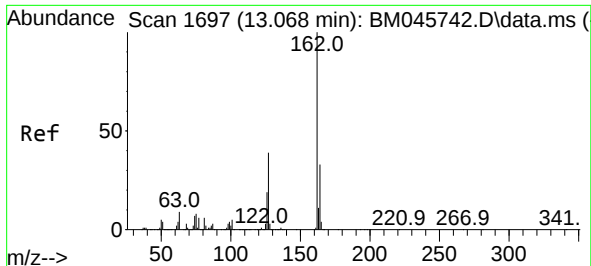
Tgt Ion:172 Resp: 4785449
Ion Ratio Lower Upper
172 100
171 34.7 27.9 41.9
170 23.3 18.8 28.2



#46
1,1'-Biphenyl
Concen: 44.351 ng
RT: 13.033 min Scan# 1691
Delta R.T. 0.000 min
Lab File: BM045754.D
Acq: 23 May 2024 15:28

Tgt Ion:154 Resp: 2699456
Ion Ratio Lower Upper
154 100
153 39.5 19.8 59.8
76 12.3 0.0 33.0

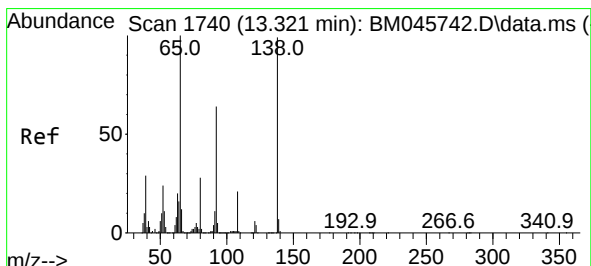
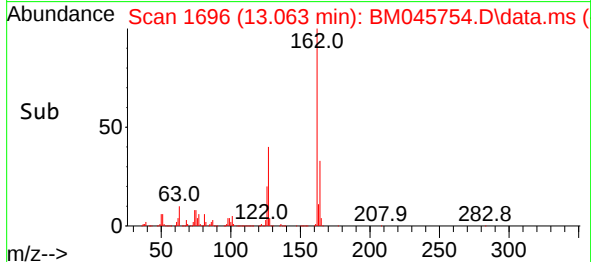
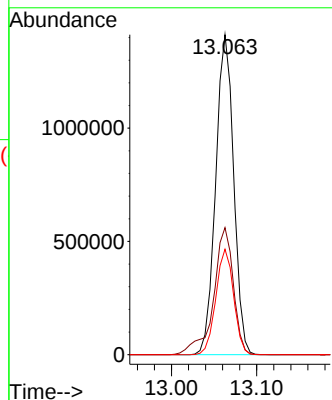
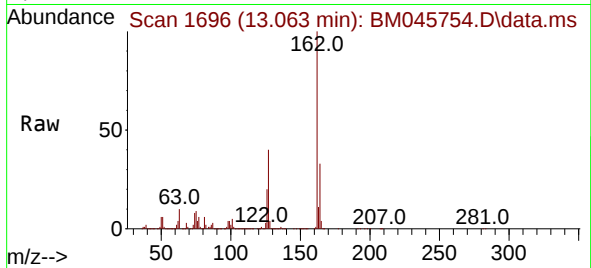




#47
2-Chloronaphthalene
Concen: 43.449 ng
RT: 13.063 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM045754.D
Acq: 23 May 2024 15:28

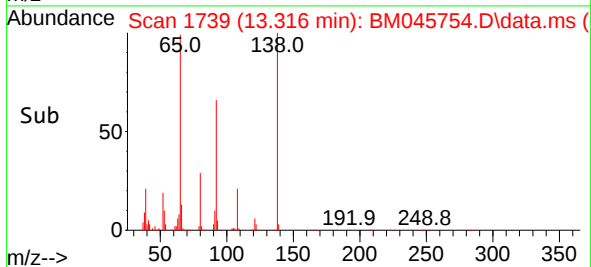
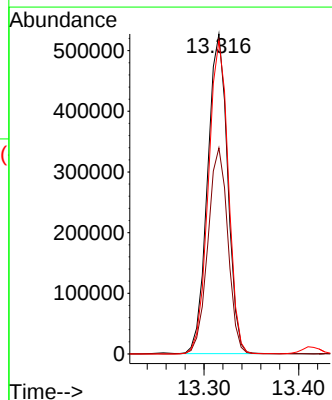
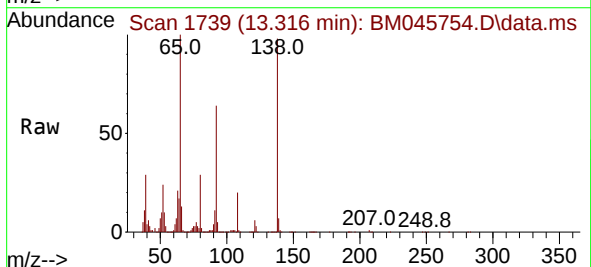
Instrument :
BNA_M
ClientSampleId :
PB160904BSD

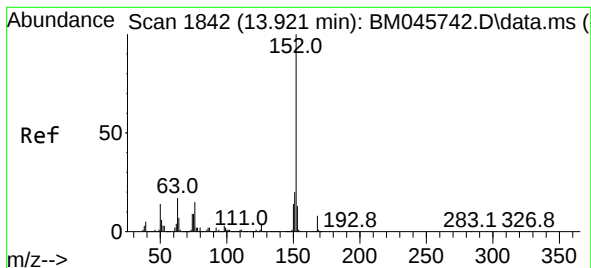
Tgt Ion:162 Resp: 2069606
Ion Ratio Lower Upper
162 100
127 39.7 31.7 47.5
164 32.9 26.2 39.2



#48
2-Nitroaniline
Concen: 51.670 ng
RT: 13.316 min Scan# 1739
Delta R.T. -0.005 min
Lab File: BM045754.D
Acq: 23 May 2024 15:28

Tgt Ion: 65 Resp: 776612
Ion Ratio Lower Upper
65 100
92 64.4 50.8 76.2
138 97.9 79.4 119.2





#49

Acenaphthylene

Concen: 46.455 ng

RT: 13.922 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM045754.D

Acq: 23 May 2024 15:28

Instrument :

BNA_M

ClientSampleId :

PB160904BSD

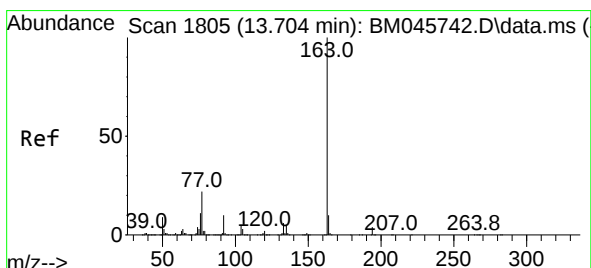
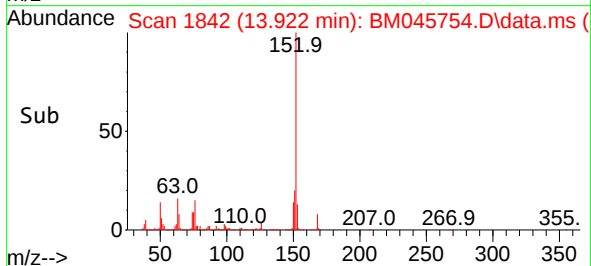
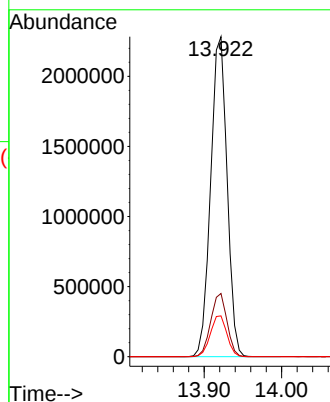
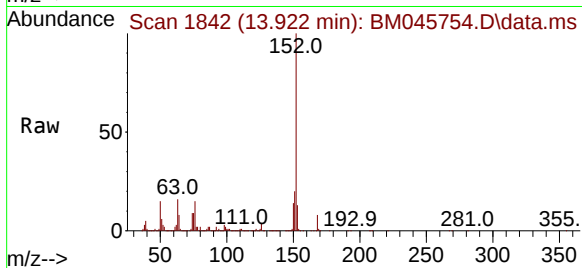
Tgt Ion:152 Resp: 3355376

Ion Ratio Lower Upper

152 100

151 19.8 15.7 23.5

153 12.7 10.5 15.7



#50

Dimethylphthalate

Concen: 45.567 ng

RT: 13.698 min Scan# 1804

Delta R.T. -0.006 min

Lab File: BM045754.D

Acq: 23 May 2024 15:28

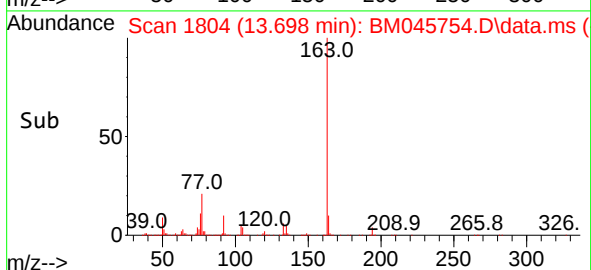
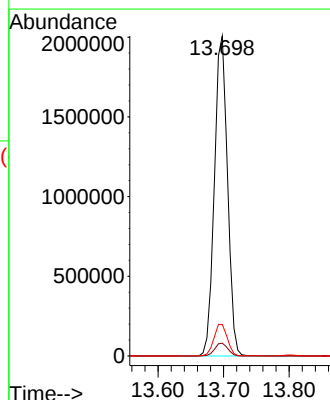
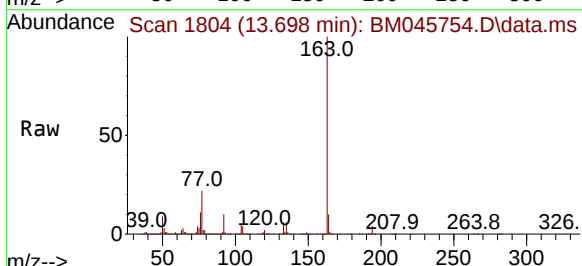
Tgt Ion:163 Resp: 2783149

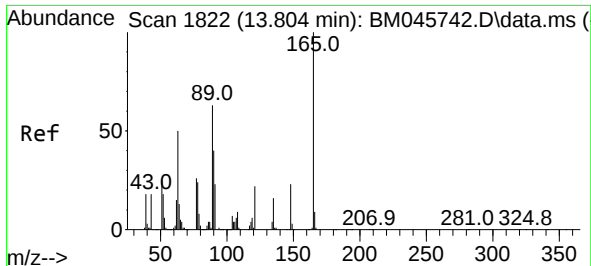
Ion Ratio Lower Upper

163 100

194 4.0 3.3 4.9

164 9.9 8.1 12.1

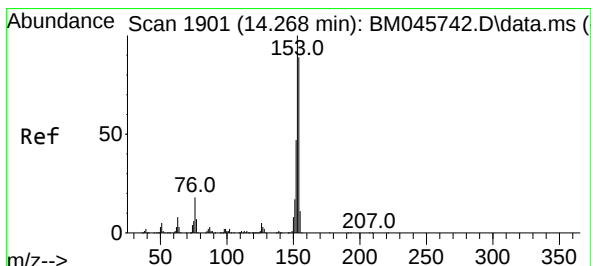
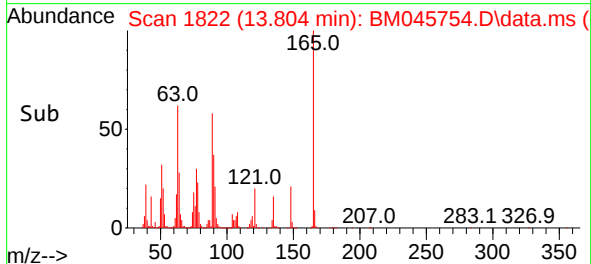
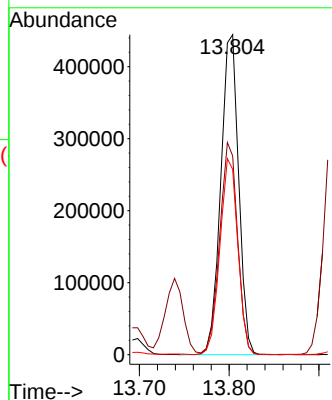
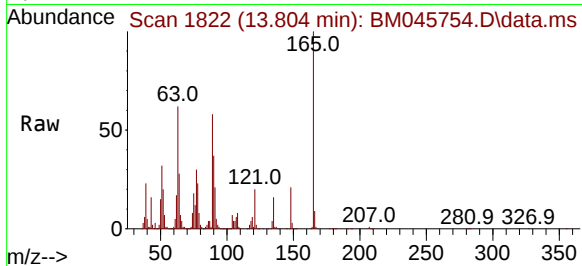




#51
2,6-Dinitrotoluene
Concen: 46.871 ng
RT: 13.804 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM045754.D
Acq: 23 May 2024 15:28

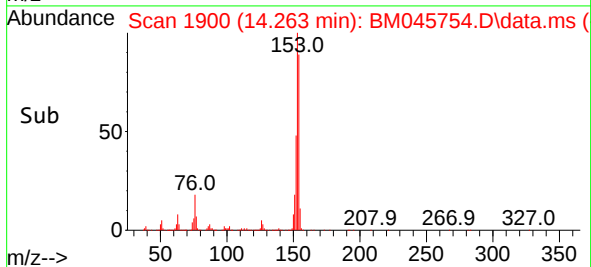
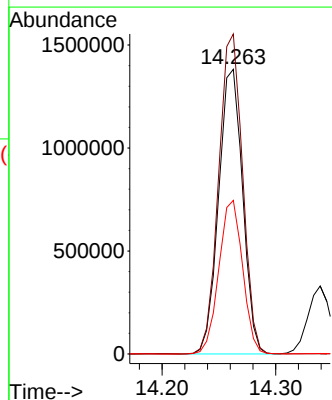
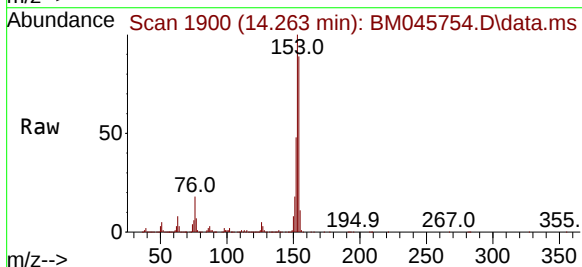
Instrument :
BNA_M
ClientSampleId :
PB160904BSD

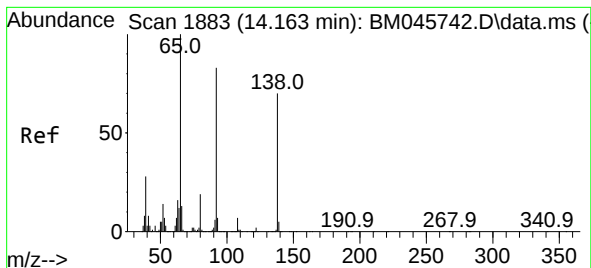
Tgt Ion:165 Resp: 614437
Ion Ratio Lower Upper
165 100
63 62.1 53.8 80.8
89 57.9 50.6 75.8



#52
Acenaphthene
Concen: 44.862 ng
RT: 14.263 min Scan# 1900
Delta R.T. -0.005 min
Lab File: BM045754.D
Acq: 23 May 2024 15:28

Tgt Ion:154 Resp: 2031203
Ion Ratio Lower Upper
154 100
153 112.4 89.7 134.5
152 53.9 42.2 63.2

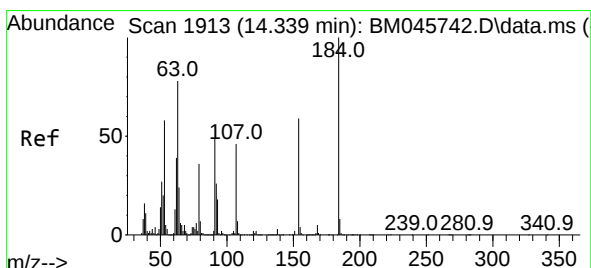
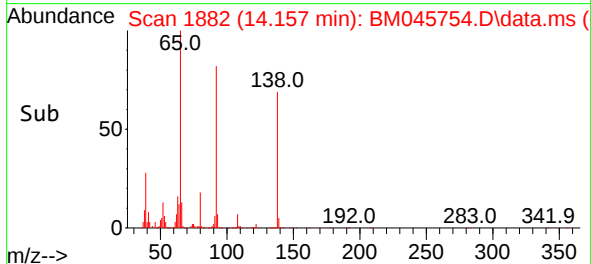
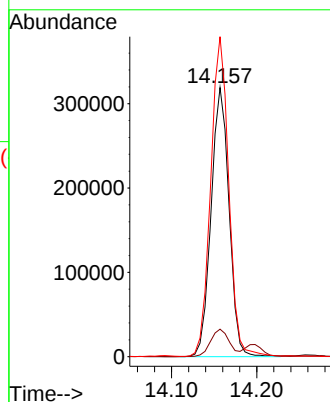
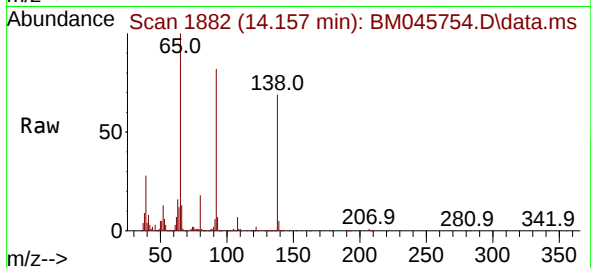




#53
3-Nitroaniline
Concen: 34.991 ng
RT: 14.157 min Scan# 1882
Delta R.T. -0.006 min
Lab File: BM045754.D
Acq: 23 May 2024 15:28

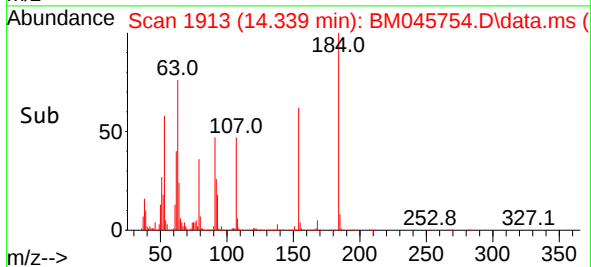
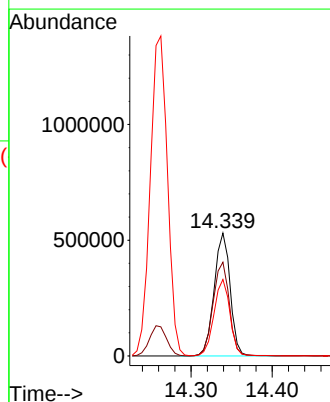
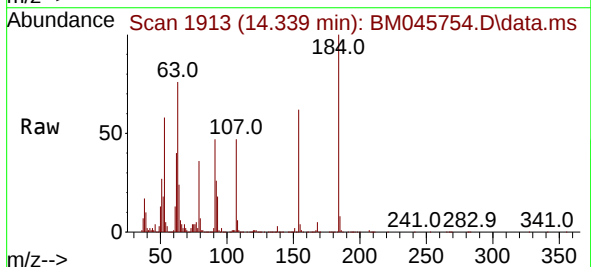
Instrument :
BNA_M
ClientSampleId :
PB160904BSD

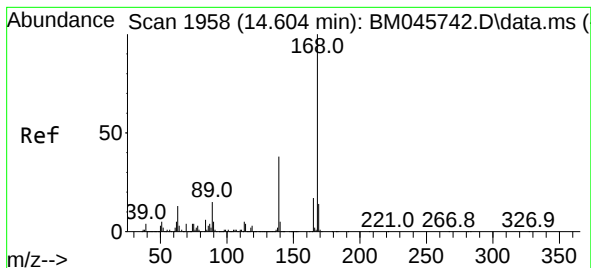
Tgt Ion:138 Resp: 467836
Ion Ratio Lower Upper
138 100
108 10.2 8.6 12.8
92 118.9 94.5 141.7



#54
2,4-Dinitrophenol
Concen: 95.285 ng
RT: 14.339 min Scan# 1913
Delta R.T. 0.000 min
Lab File: BM045754.D
Acq: 23 May 2024 15:28

Tgt Ion:184 Resp: 728215
Ion Ratio Lower Upper
184 100
63 76.2 62.3 93.5
154 62.3 48.1 72.1





#55

Dibenzenofuran

Concen: 44.185 ng

RT: 14.604 min Scan# 1958

Delta R.T. -0.000 min

Lab File: BM045754.D

Acq: 23 May 2024 15:28

Instrument :

BNA_M

ClientSampleId :

PB160904BSD

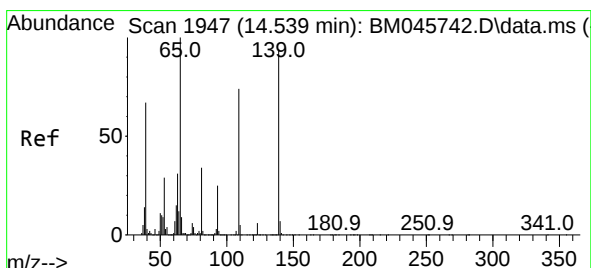
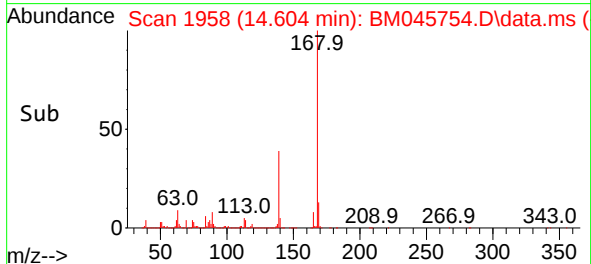
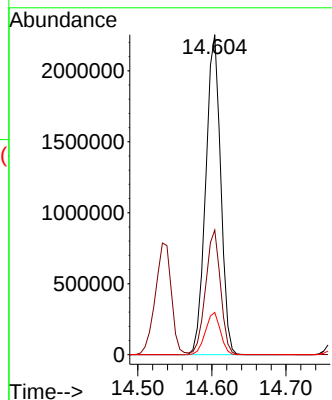
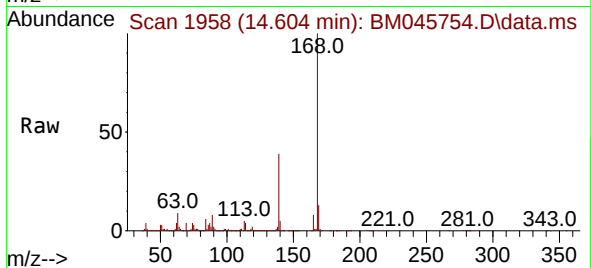
Tgt Ion:168 Resp: 3153730

Ion Ratio Lower Upper

168 100

139 39.0 31.5 47.3

169 13.2 10.9 16.3



#56

4-Nitrophenol

Concen: 104.357 ng

RT: 14.533 min Scan# 1946

Delta R.T. -0.006 min

Lab File: BM045754.D

Acq: 23 May 2024 15:28

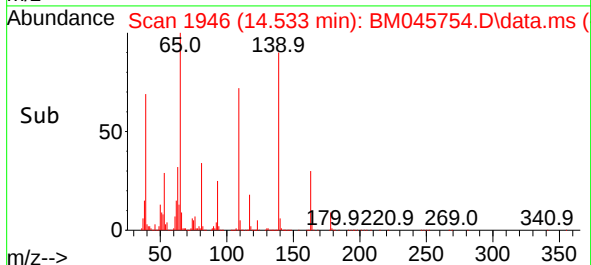
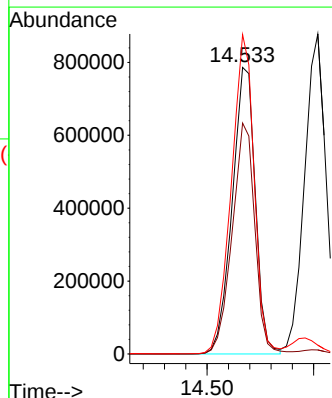
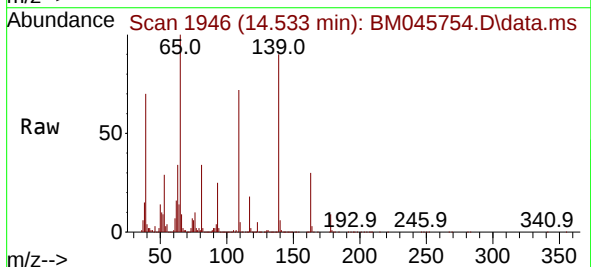
Tgt Ion:139 Resp: 1186266

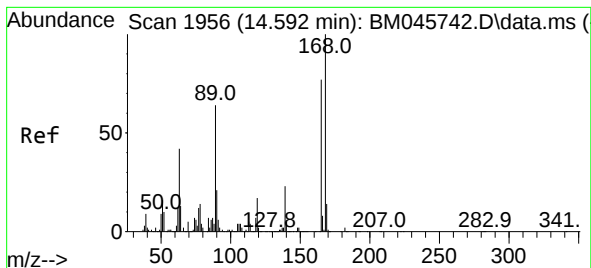
Ion Ratio Lower Upper

139 100

109 80.6 59.6 99.6

65 111.5 87.1 127.1

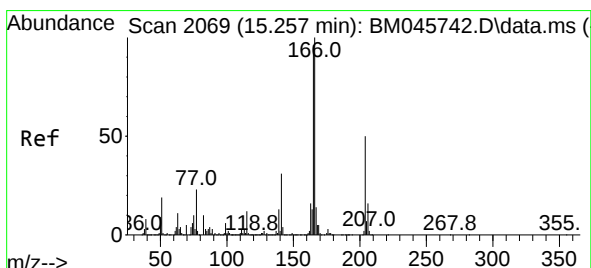
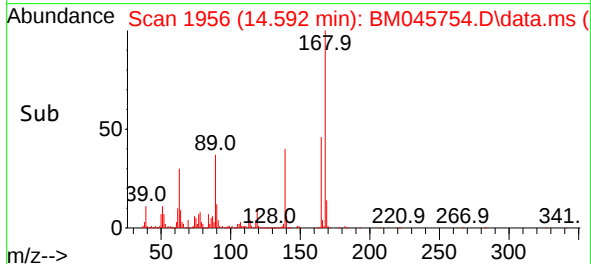
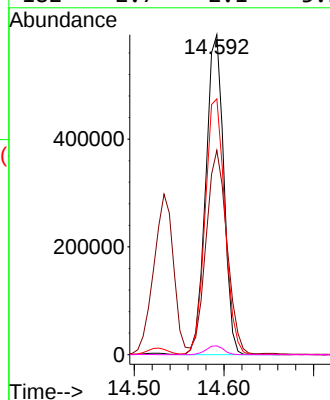
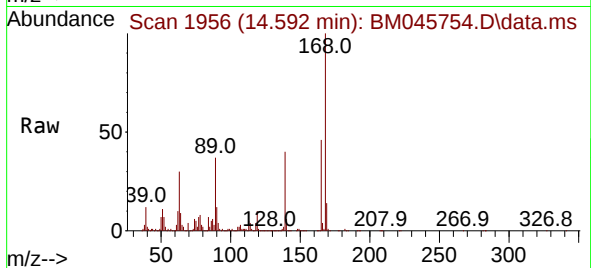




#57
2,4-Dinitrotoluene
Concen: 47.400 ng
RT: 14.592 min Scan# 1956
Delta R.T. 0.000 min
Lab File: BM045754.D
Acq: 23 May 2024 15:28

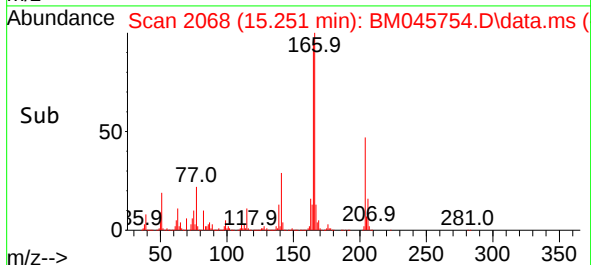
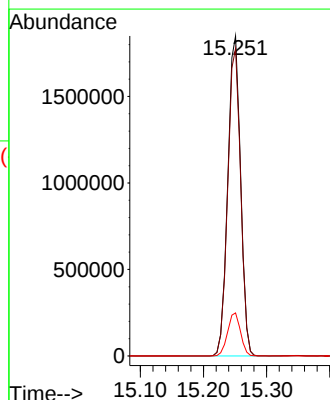
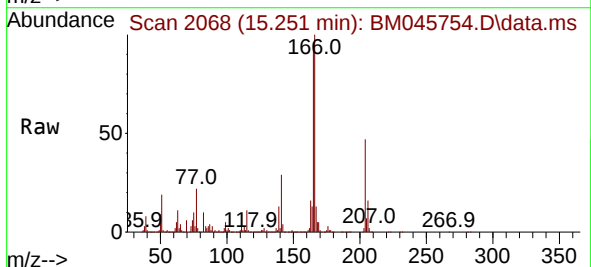
Instrument :
BNA_M
ClientSampleId :
PB160904BSD

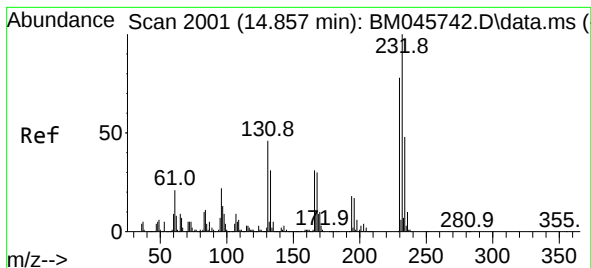
Tgt Ion:165 Resp: 825155
Ion Ratio Lower Upper
165 100
63 63.9 48.7 73.1
89 80.0 66.2 99.4
182 2.7 2.1 3.1



#58
Fluorene
Concen: 44.444 ng
RT: 15.251 min Scan# 2068
Delta R.T. -0.006 min
Lab File: BM045754.D
Acq: 23 May 2024 15:28

Tgt Ion:166 Resp: 2592733
Ion Ratio Lower Upper
166 100
165 96.1 77.0 115.4
167 13.5 10.9 16.3

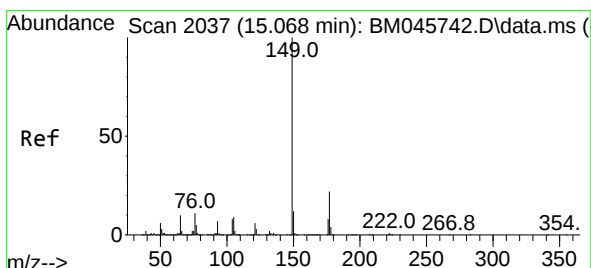
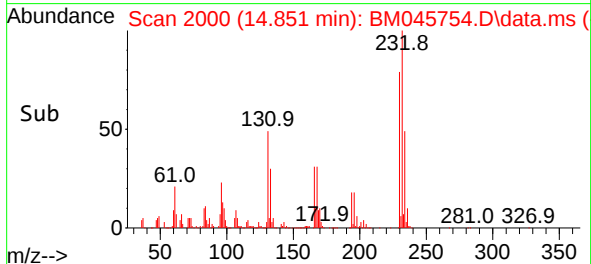
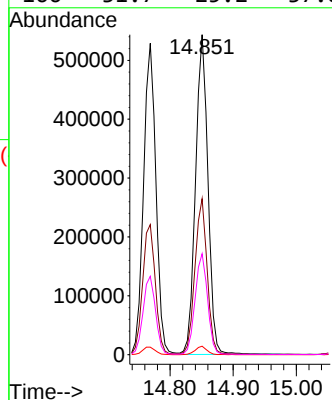
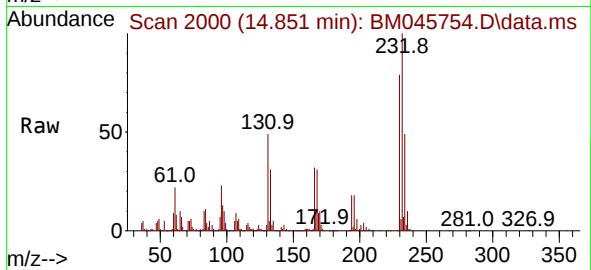




#59
2,3,4,6-Tetrachlorophenol
Concen: 50.989 ng
RT: 14.851 min Scan# 2000
Delta R.T. -0.006 min
Lab File: BM045754.D
Acq: 23 May 2024 15:28

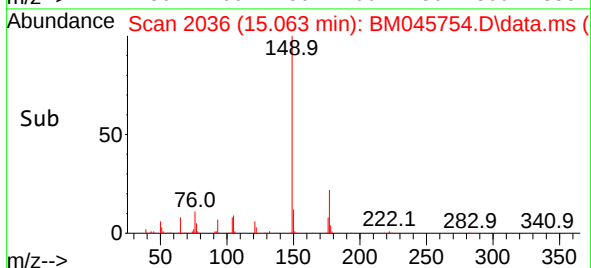
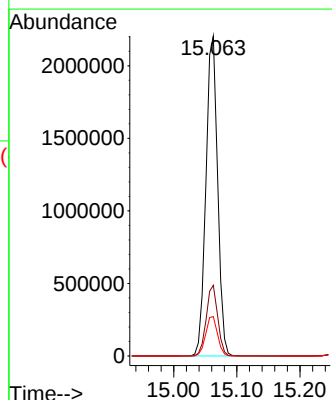
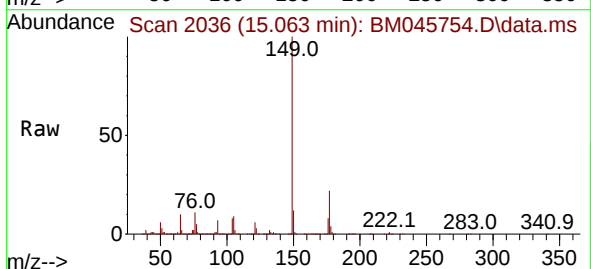
Instrument :
BNA_M
ClientSampleId :
PB160904BSD

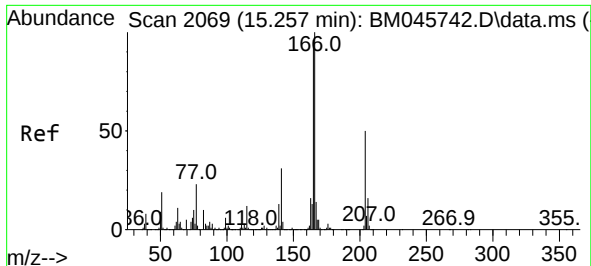
Tgt Ion:232 Resp: 741082
Ion Ratio Lower Upper
232 100
131 48.4 38.9 58.3
130 2.5 2.0 3.0
166 31.7 25.2 37.8



#60
Diethylphthalate
Concen: 44.588 ng
RT: 15.063 min Scan# 2036
Delta R.T. -0.006 min
Lab File: BM045754.D
Acq: 23 May 2024 15:28

Tgt Ion:149 Resp: 2845666
Ion Ratio Lower Upper
149 100
177 22.1 17.5 26.3
150 12.3 9.7 14.5

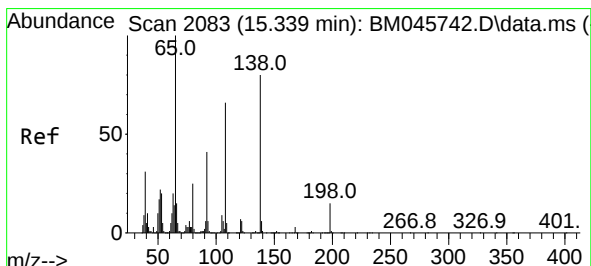
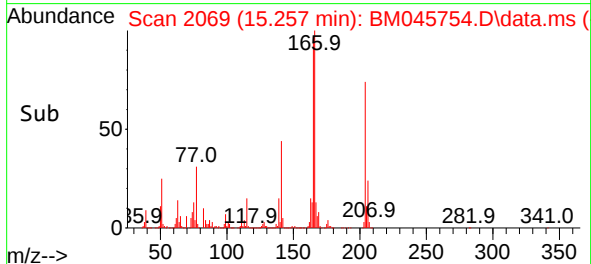
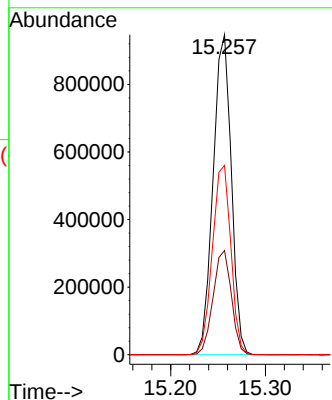
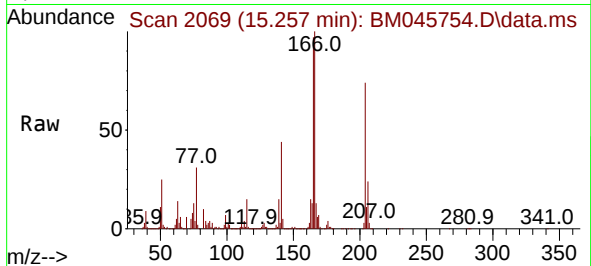




#61
4-Chlorophenyl-phenylether
Concen: 44.283 ng
RT: 15.257 min Scan# 2069
Delta R.T. 0.000 min
Lab File: BM045754.D
Acq: 23 May 2024 15:28

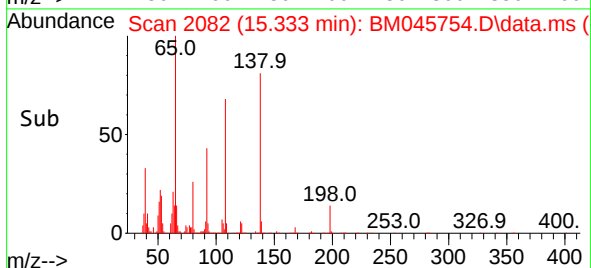
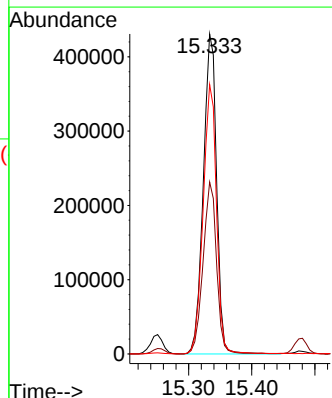
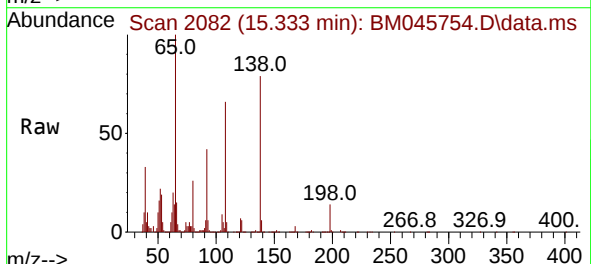
Instrument :
BNA_M
ClientSampleId :
PB160904BSD

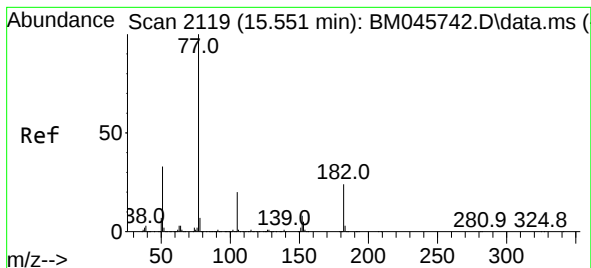
Tgt Ion:204 Resp: 1264197
Ion Ratio Lower Upper
204 100
206 32.5 25.9 38.9
141 59.1 49.8 74.6



#62
4-Nitroaniline
Concen: 47.567 ng
RT: 15.333 min Scan# 2082
Delta R.T. -0.006 min
Lab File: BM045754.D
Acq: 23 May 2024 15:28

Tgt Ion:138 Resp: 631730
Ion Ratio Lower Upper
138 100
92 53.8 32.0 72.0
108 84.2 62.6 102.6





#63

Azobenzene

Concen: 44.716 ng

RT: 15.545 min Scan# 2118

Delta R.T. -0.006 min

Lab File: BM045754.D

Acq: 23 May 2024 15:28

Instrument :

BNA_M

ClientSampleId :

PB160904BSD

Tgt Ion: 77 Resp: 2765298

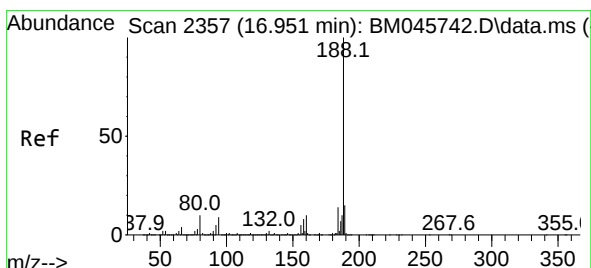
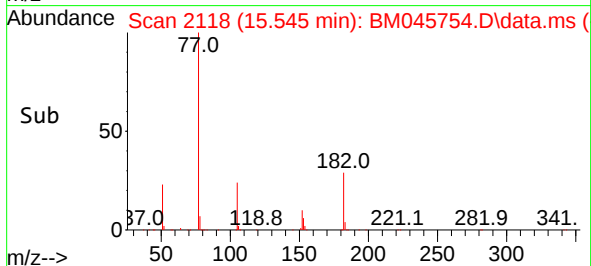
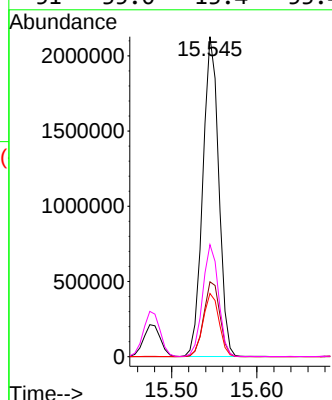
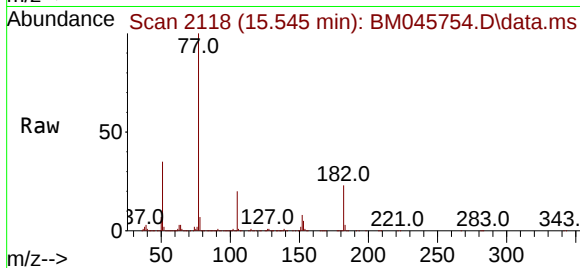
Ion Ratio Lower Upper

77 100

182 23.4 3.8 43.8

105 19.8 0.0 39.8

51 35.0 13.4 53.4



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.945 min Scan# 2356

Delta R.T. -0.006 min

Lab File: BM045754.D

Acq: 23 May 2024 15:28

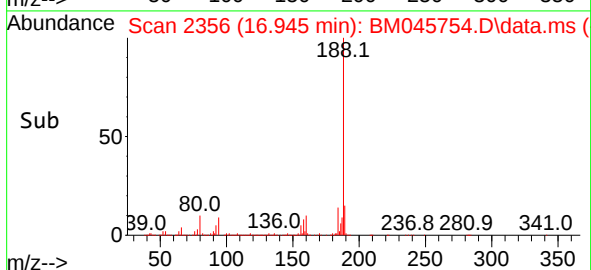
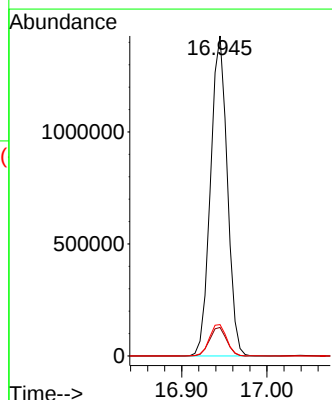
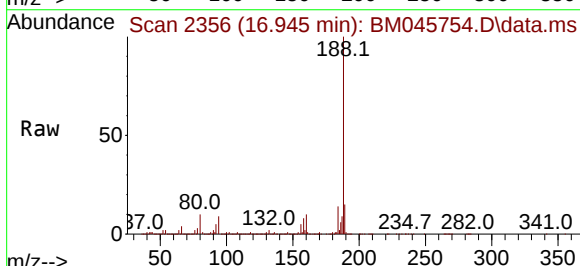
Tgt Ion:188 Resp: 1949313

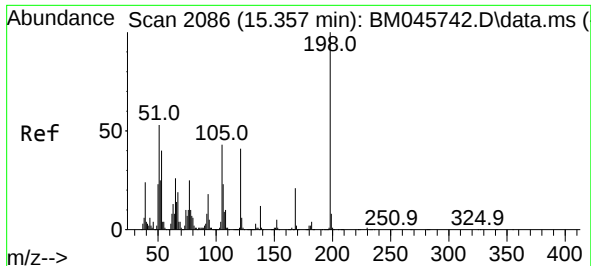
Ion Ratio Lower Upper

188 100

94 8.9 7.0 10.4

80 9.8 7.8 11.6

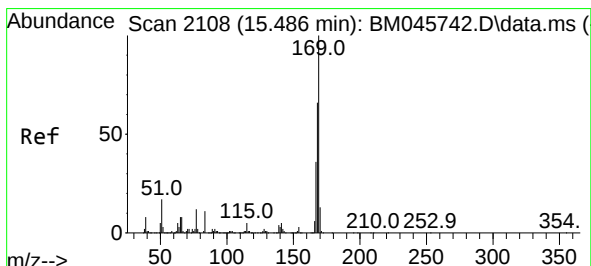
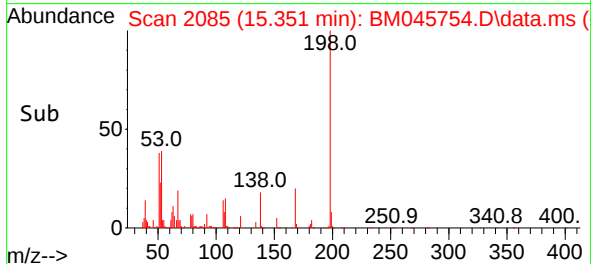
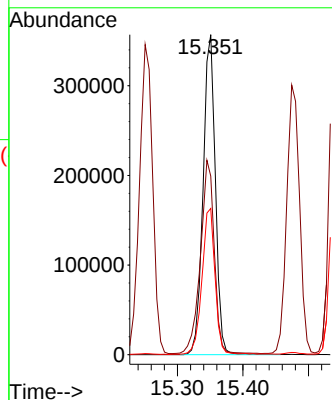
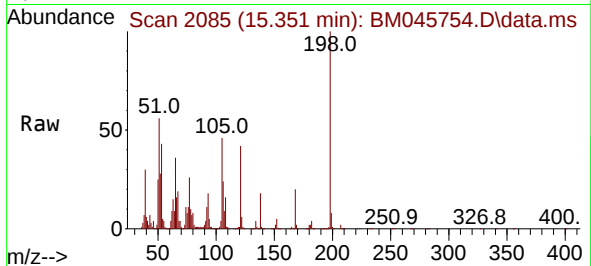




#65
4,6-Dinitro-2-methylphenol
Concen: 47.789 ng
RT: 15.351 min Scan# 2086
Delta R.T. -0.006 min
Lab File: BM045754.D
Acq: 23 May 2024 15:28

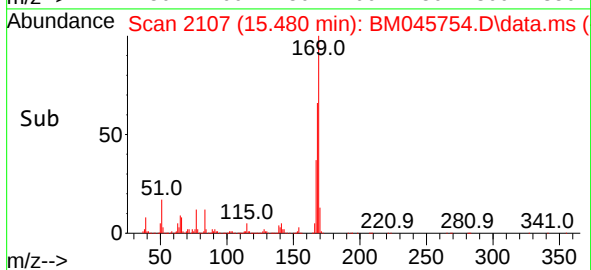
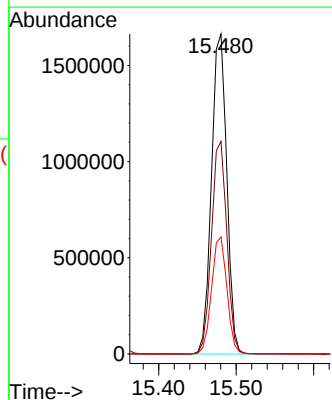
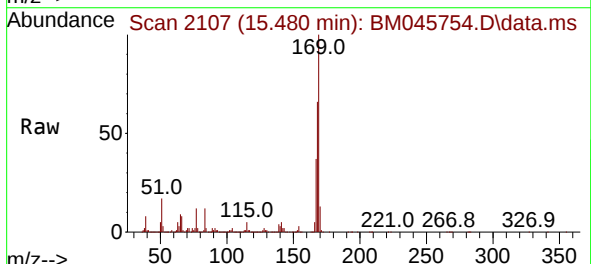
Instrument :
BNA_M
ClientSampleId :
PB160904BSD

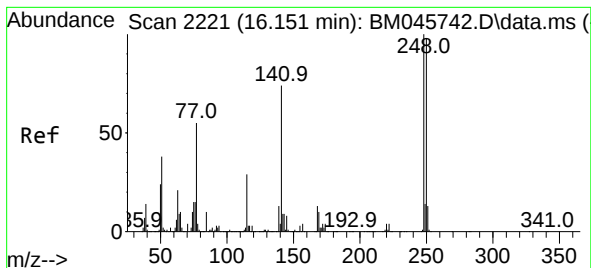
Tgt Ion:198 Resp: 466342
Ion Ratio Lower Upper
198 100
51 55.8 33.3 73.3
105 45.7 23.4 63.4



#66
n-Nitrosodiphenylamine
Concen: 45.578 ng
RT: 15.480 min Scan# 2107
Delta R.T. -0.006 min
Lab File: BM045754.D
Acq: 23 May 2024 15:28

Tgt Ion:169 Resp: 2274516
Ion Ratio Lower Upper
169 100
168 66.4 53.2 79.8
167 36.6 29.0 43.4

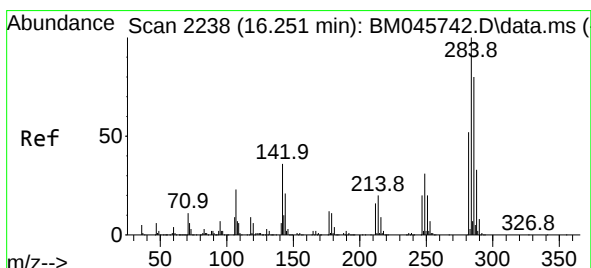
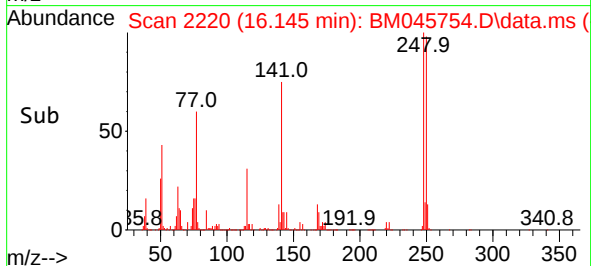
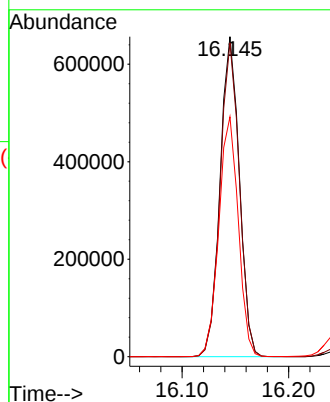
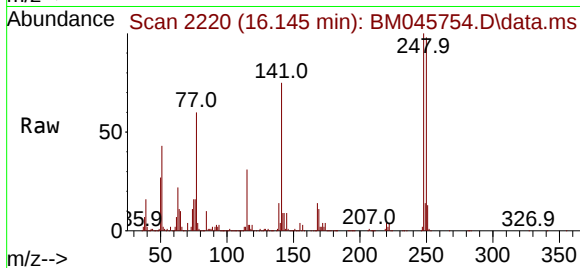




#67
4-Bromophenyl-phenylether
Concen: 44.527 ng
RT: 16.145 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM045754.D
Acq: 23 May 2024 15:28

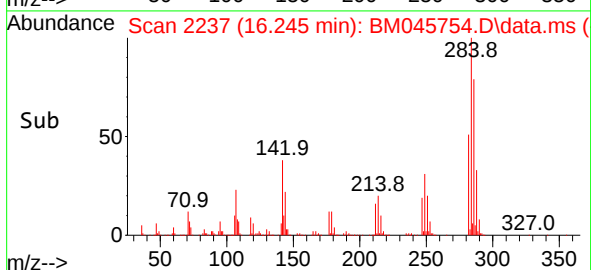
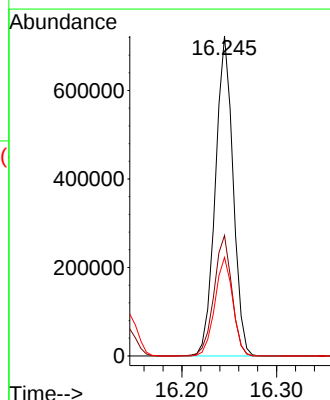
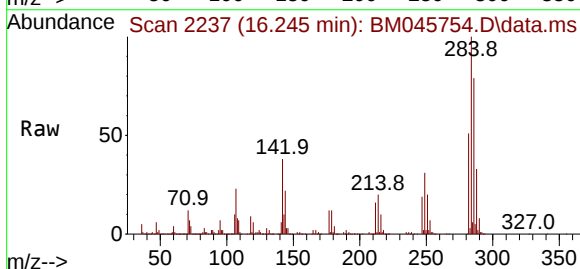
Instrument :
BNA_M
ClientSampleId :
PB160904BSD

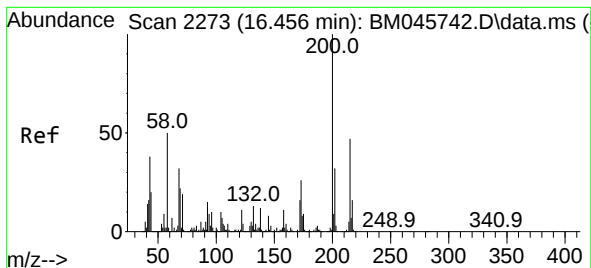
Tgt Ion:248 Resp: 824676
Ion Ratio Lower Upper
248 100
250 98.1 78.1 117.1
141 75.0 59.2 88.8



#68
Hexachlorobenzene
Concen: 42.502 ng
RT: 16.245 min Scan# 2237
Delta R.T. -0.006 min
Lab File: BM045754.D
Acq: 23 May 2024 15:28

Tgt Ion:284 Resp: 937671
Ion Ratio Lower Upper
284 100
142 37.7 28.4 42.6
249 30.8 24.9 37.3





#69

Atrazine

Concen: 56.949 ng

RT: 16.451 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM045754.D

Acq: 23 May 2024 15:28

Instrument :

BNA_M

ClientSampleId :

PB160904BSD

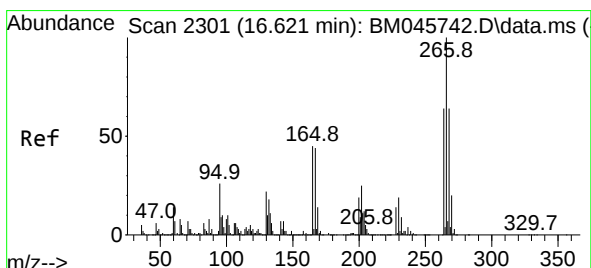
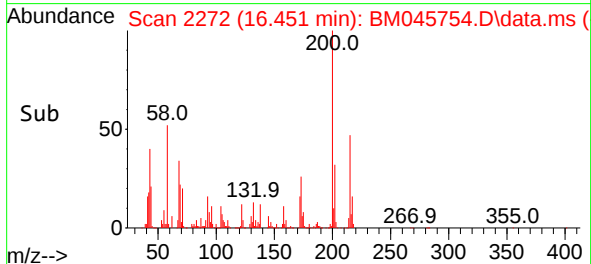
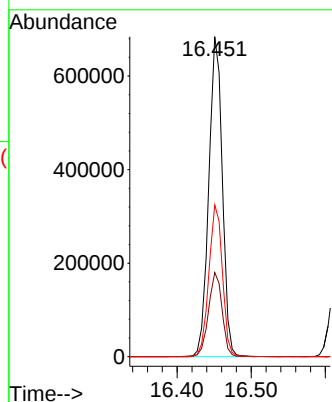
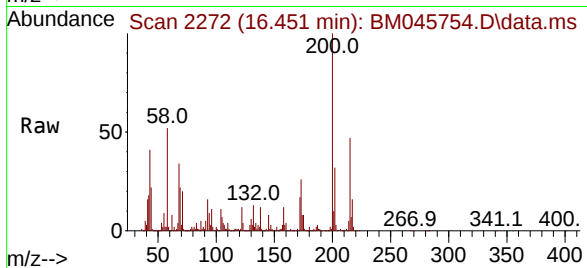
Tgt Ion:200 Resp: 867818

Ion Ratio Lower Upper

200 100

173 26.3 6.2 46.2

215 47.4 26.6 66.6



#70

Pentachlorophenol

Concen: 92.204 ng

RT: 16.615 min Scan# 2300

Delta R.T. -0.006 min

Lab File: BM045754.D

Acq: 23 May 2024 15:28

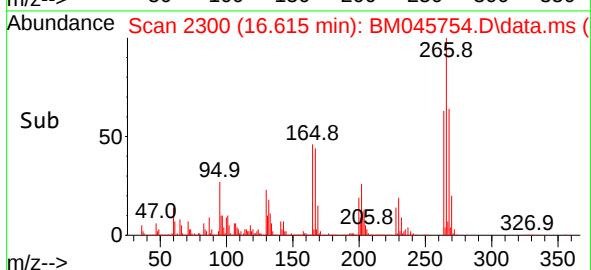
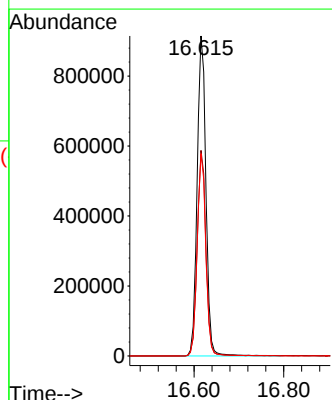
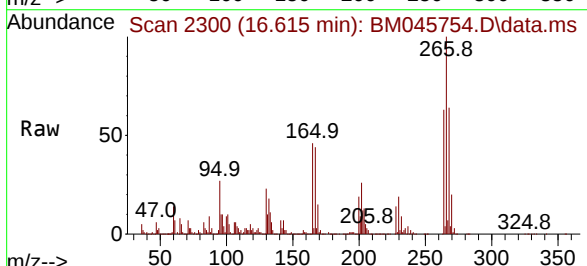
Tgt Ion:266 Resp: 1240965

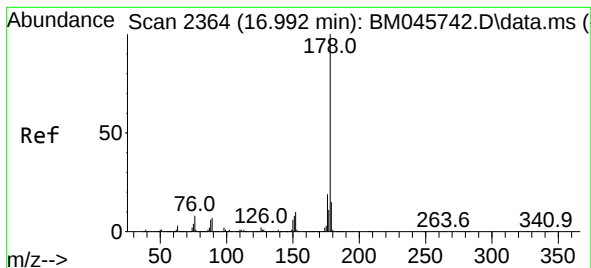
Ion Ratio Lower Upper

266 100

268 64.3 51.0 76.4

264 63.3 50.9 76.3





#71

Phenanthrene

Concen: 45.105 ng

RT: 16.986 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM045754.D

Acq: 23 May 2024 15:28

Instrument :

BNA_M

ClientSampleId :

PB160904BSD

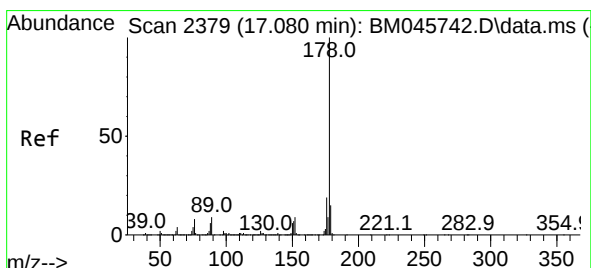
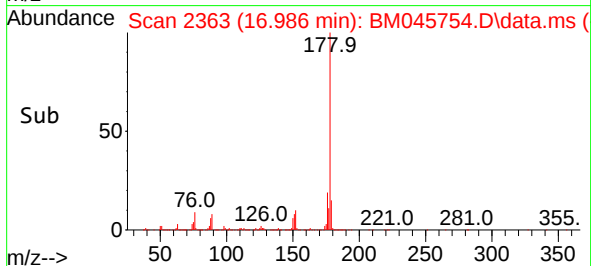
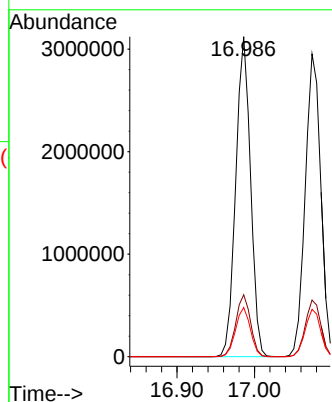
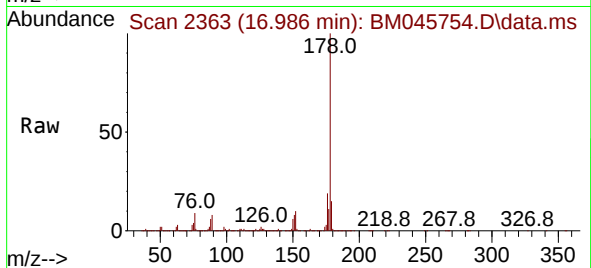
Tgt Ion:178 Resp: 4149943

Ion Ratio Lower Upper

178 100

176 19.4 15.4 23.2

179 15.4 12.2 18.2



#72

Anthracene

Concen: 45.619 ng

RT: 17.074 min Scan# 2378

Delta R.T. -0.006 min

Lab File: BM045754.D

Acq: 23 May 2024 15:28

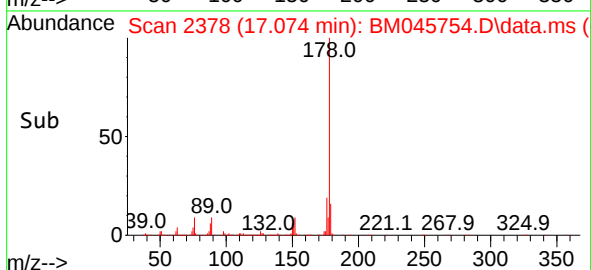
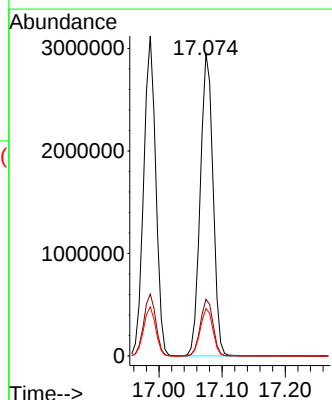
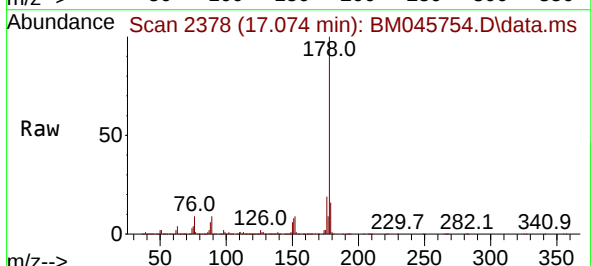
Tgt Ion:178 Resp: 4126580

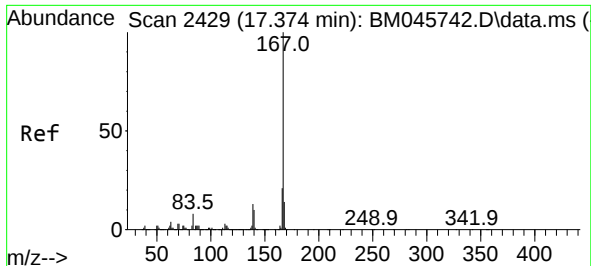
Ion Ratio Lower Upper

178 100

176 18.7 15.0 22.4

179 15.6 12.3 18.5

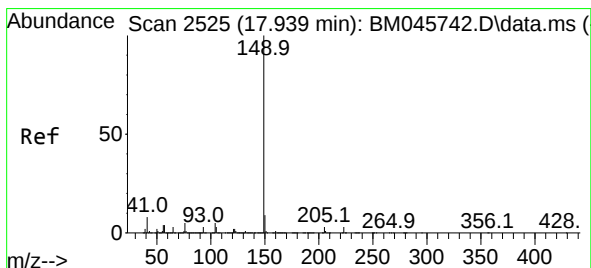
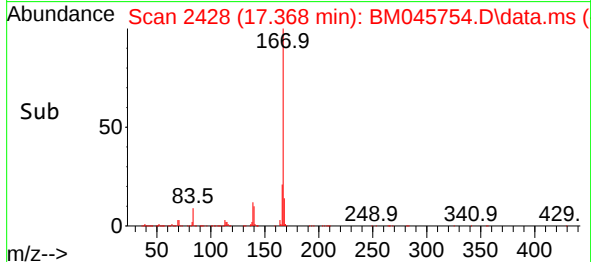
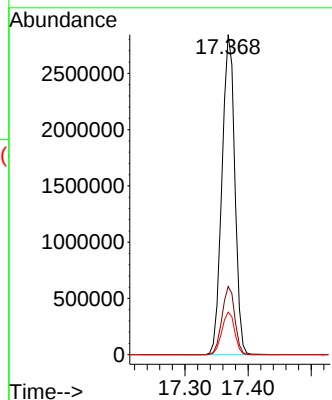
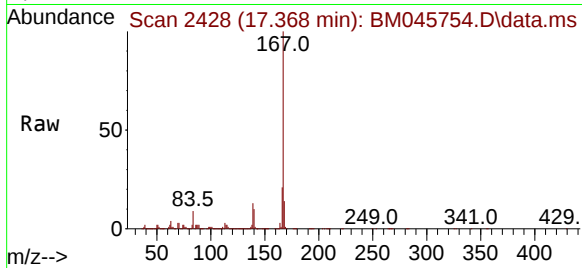




#73
 Carbazole
 Concen: 44.460 ng
 RT: 17.368 min Scan# 2428
 Delta R.T. -0.006 min
 Lab File: BM045754.D
 Acq: 23 May 2024 15:28

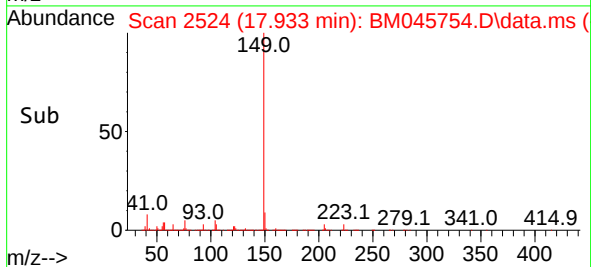
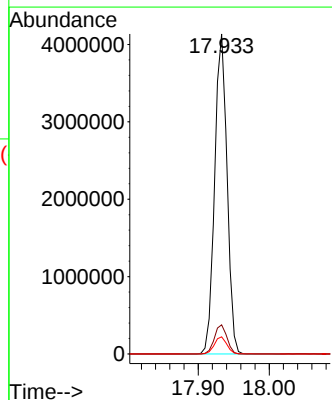
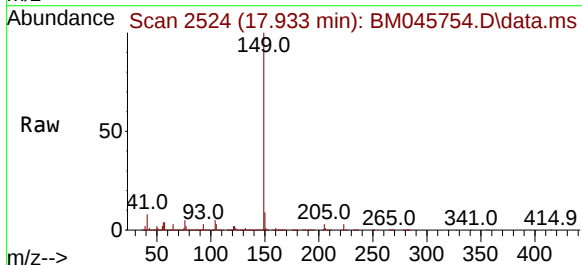
Instrument :
 BNA_M
 ClientSampleId :
 PB160904BSD

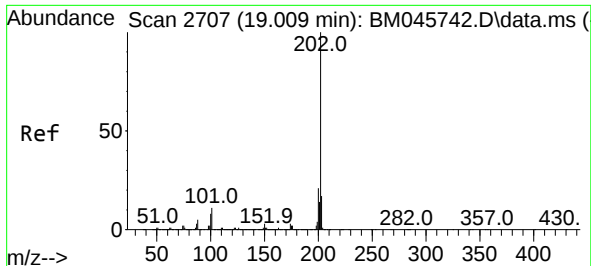
Tgt Ion:167 Resp: 4024281
 Ion Ratio Lower Upper
 167 100
 166 21.3 16.8 25.2
 139 13.3 10.5 15.7



#74
 Di-n-butylphthalate
 Concen: 44.419 ng
 RT: 17.933 min Scan# 2524
 Delta R.T. -0.006 min
 Lab File: BM045754.D
 Acq: 23 May 2024 15:28

Tgt Ion:149 Resp: 4992513
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.3 10.9
 104 5.3 4.2 6.2

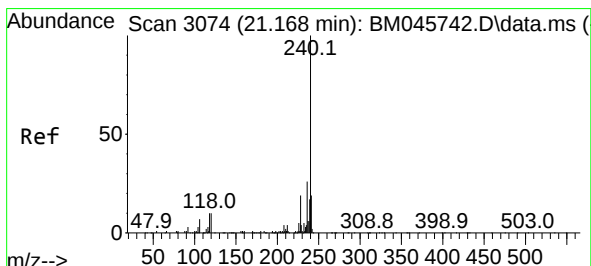
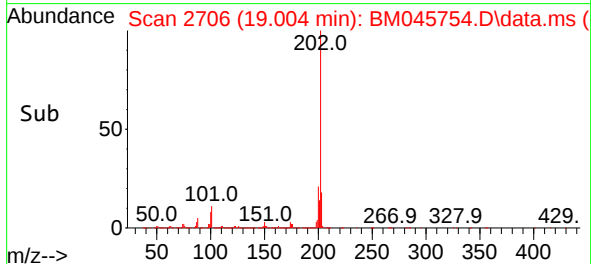
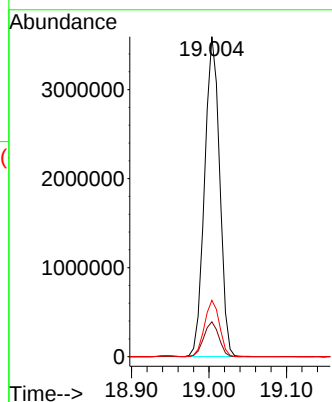
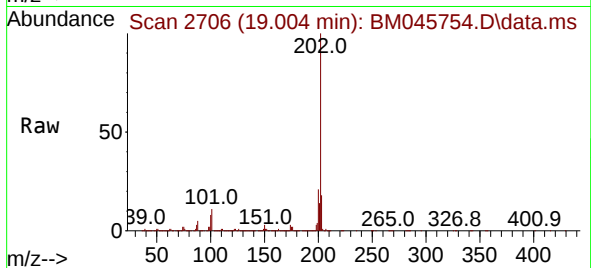




#75
Fluoranthene
Concen: 43.208 ng
RT: 19.004 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM045754.D
Acq: 23 May 2024 15:28

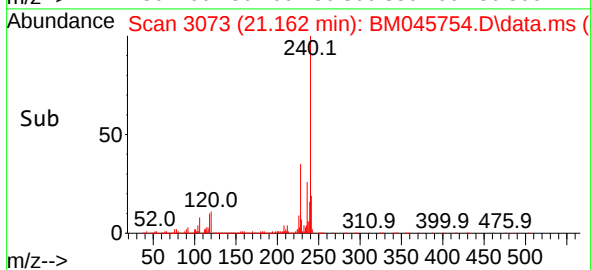
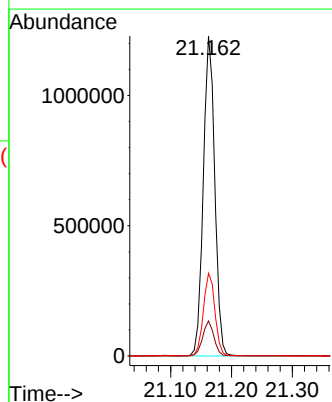
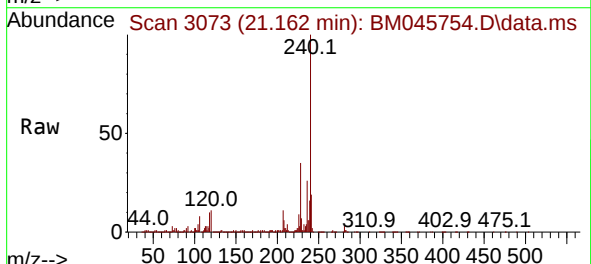
Instrument :
BNA_M
ClientSampleId :
PB160904BSD

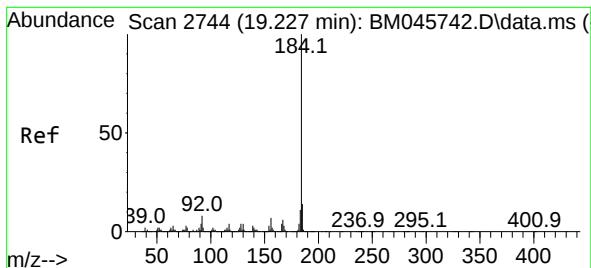
Tgt Ion:202 Resp: 4847308
Ion Ratio Lower Upper
202 100
101 10.9 0.0 30.8
203 17.6 0.0 37.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.162 min Scan# 3073
Delta R.T. -0.006 min
Lab File: BM045754.D
Acq: 23 May 2024 15:28

Tgt Ion:240 Resp: 1609053
Ion Ratio Lower Upper
240 100
120 11.0 8.3 12.5
236 25.9 20.7 31.1





#77

Benzidine

Concen: 49.735 ng

RT: 19.221 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM045754.D

Acq: 23 May 2024 15:28

Instrument :

BNA_M

ClientSampleId :

PB160904BSD

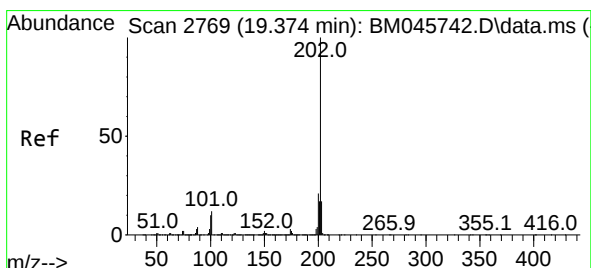
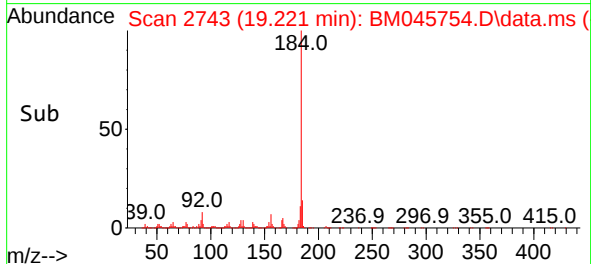
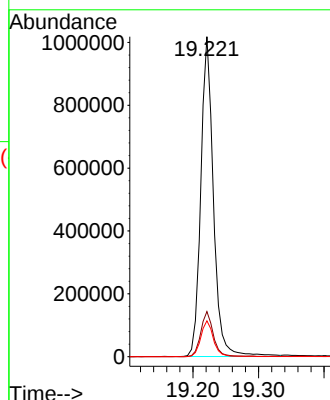
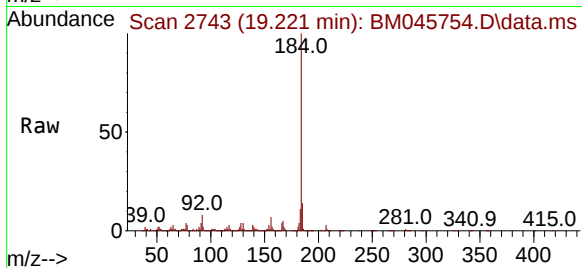
Tgt Ion:184 Resp: 1366537

Ion Ratio Lower Upper

184 100

185 14.1 11.1 16.7

183 11.2 9.0 13.6



#78

Pyrene

Concen: 43.996 ng

RT: 19.368 min Scan# 2768

Delta R.T. -0.006 min

Lab File: BM045754.D

Acq: 23 May 2024 15:28

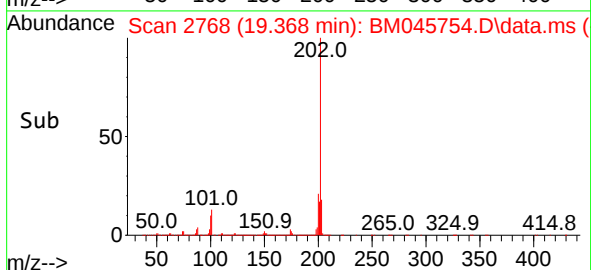
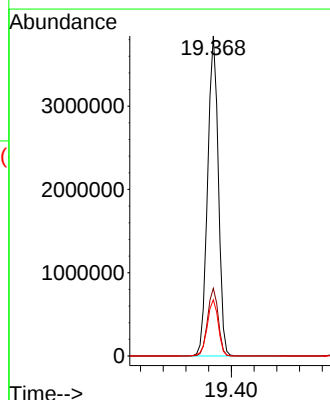
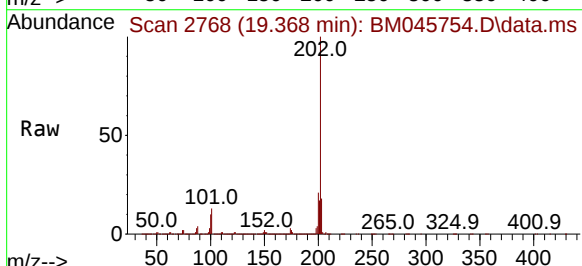
Tgt Ion:202 Resp: 4993825

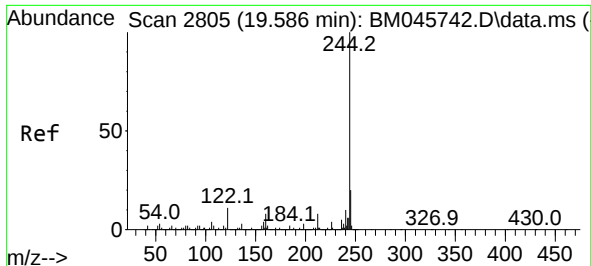
Ion Ratio Lower Upper

202 100

200 21.1 16.9 25.3

203 17.5 13.9 20.9

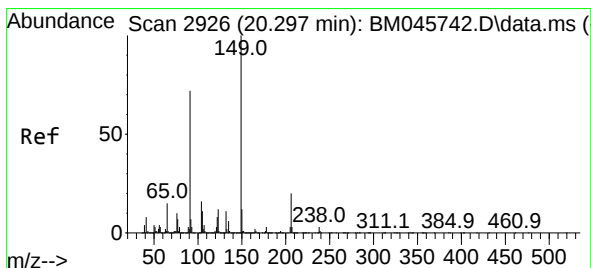
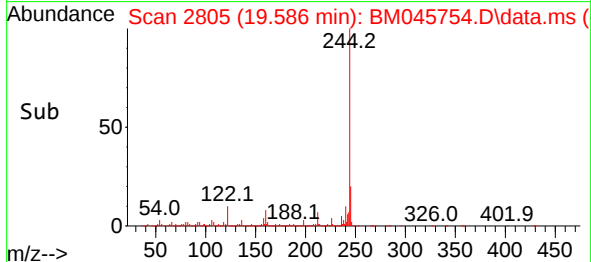
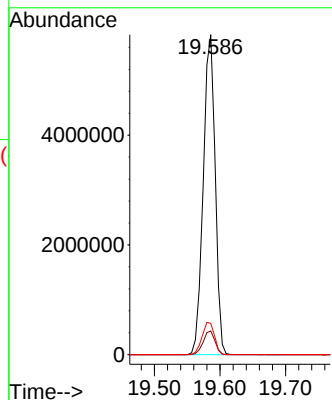
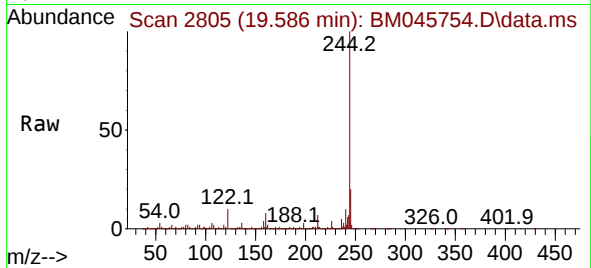




#79
 Terphenyl-d14
 Concen: 84.687 ng
 RT: 19.586 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BM045754.D
 Acq: 23 May 2024 15:28

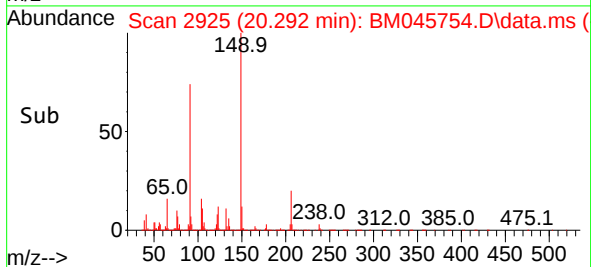
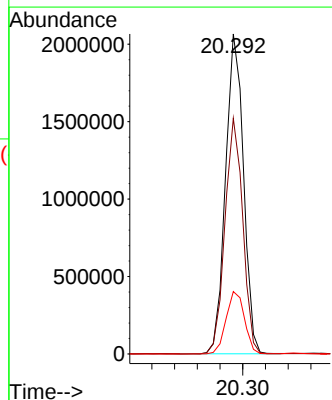
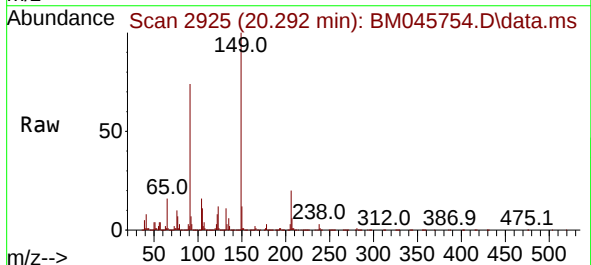
Instrument :
 BNA_M
 ClientSampleId :
 PB160904BSD

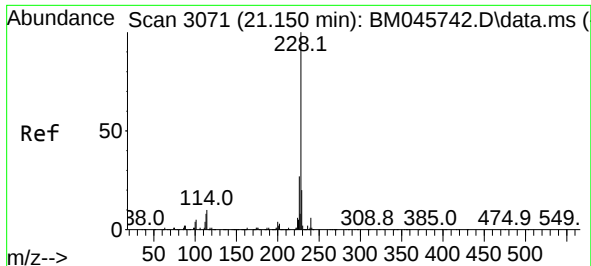
Tgt Ion:244 Resp: 7403549
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.0 9.0
 122 9.8 8.6 12.8



#80
 Butylbenzylphthalate
 Concen: 46.084 ng
 RT: 20.292 min Scan# 2925
 Delta R.T. -0.006 min
 Lab File: BM045754.D
 Acq: 23 May 2024 15:28

Tgt Ion:149 Resp: 2265786
 Ion Ratio Lower Upper
 149 100
 91 73.7 57.3 85.9
 206 19.5 16.2 24.2

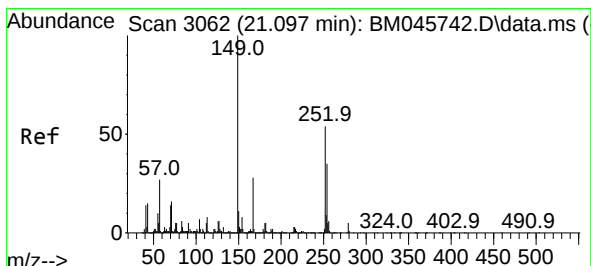
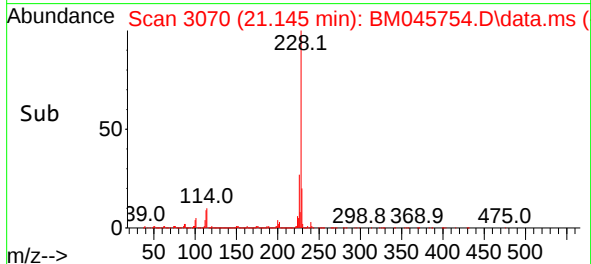
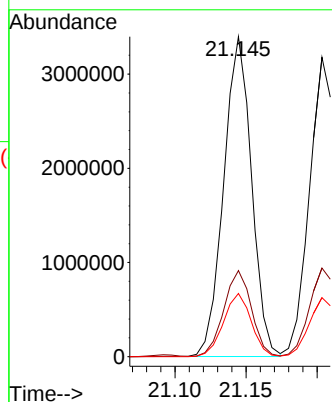
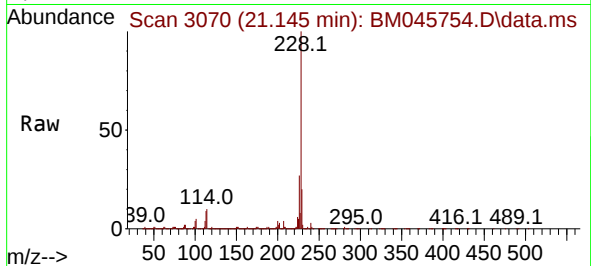




#81
Benzo(a)anthracene
Concen: 45.116 ng
RT: 21.145 min Scan# 3071
Delta R.T. -0.006 min
Lab File: BM045754.D
Acq: 23 May 2024 15:28

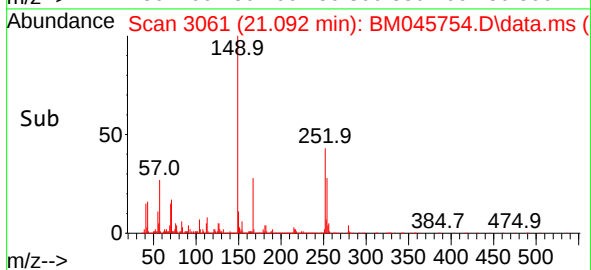
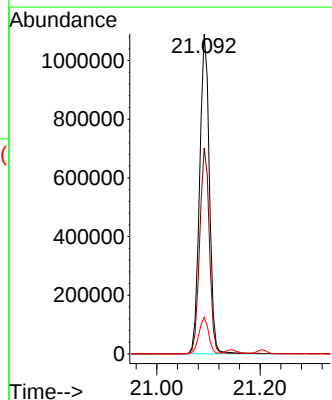
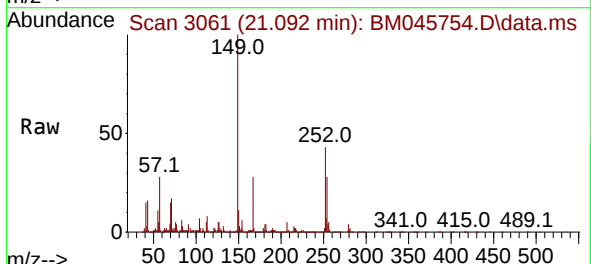
Instrument :
BNA_M
ClientSampleId :
PB160904BSD

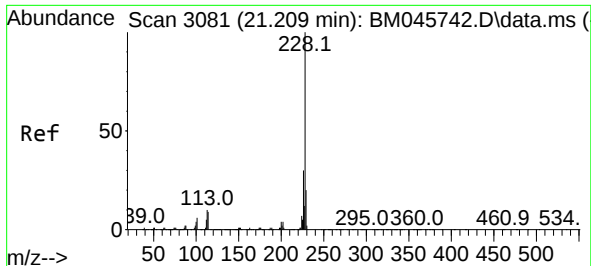
Tgt Ion:228 Resp: 4623741
Ion Ratio Lower Upper
228 100
226 26.9 21.6 32.4
229 19.7 15.7 23.5



#82
3,3'-Dichlorobenzidine
Concen: 40.631 ng
RT: 21.092 min Scan# 3061
Delta R.T. -0.006 min
Lab File: BM045754.D
Acq: 23 May 2024 15:28

Tgt Ion:252 Resp: 1427008
Ion Ratio Lower Upper
252 100
254 64.4 51.4 77.2
126 11.4 8.7 13.1





#83

Chrysene

Concen: 44.081 ng

RT: 21.203 min Scan# 3081

Delta R.T. -0.006 min

Lab File: BM045754.D

Acq: 23 May 2024 15:28

Instrument :

BNA_M

ClientSampleId :

PB160904BSD

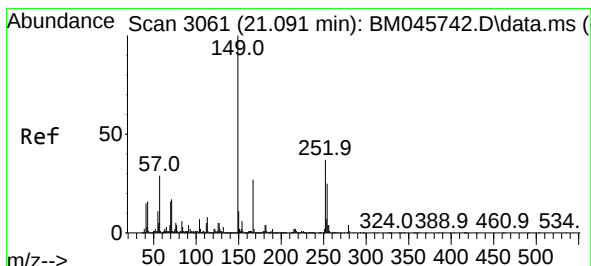
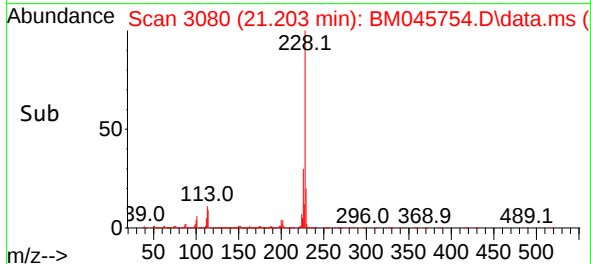
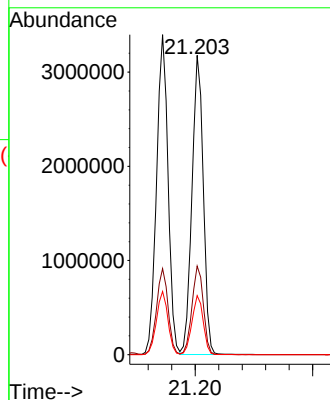
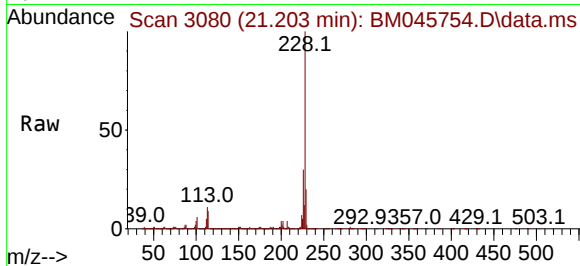
Tgt Ion:228 Resp: 4237464

Ion Ratio Lower Upper

228 100

226 29.6 23.8 35.8

229 19.7 15.8 23.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.547 ng

RT: 21.092 min Scan# 3061

Delta R.T. 0.000 min

Lab File: BM045754.D

Acq: 23 May 2024 15:28

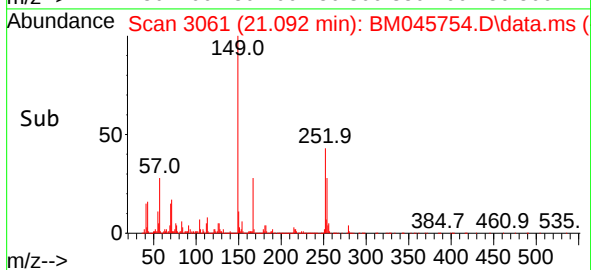
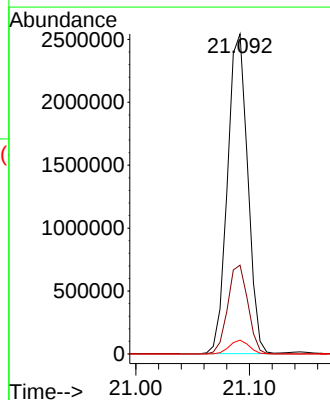
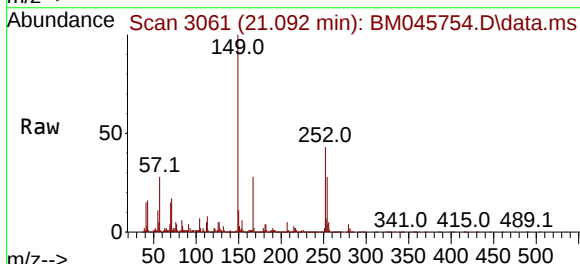
Tgt Ion:149 Resp: 3144468

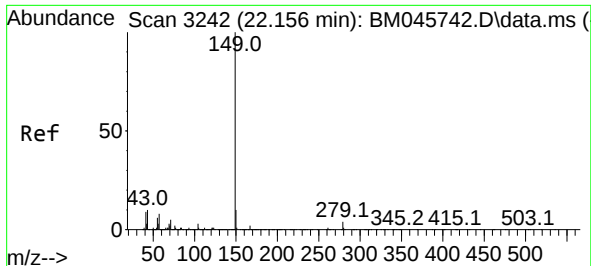
Ion Ratio Lower Upper

149 100

167 27.7 21.8 32.8

279 4.3 3.3 4.9

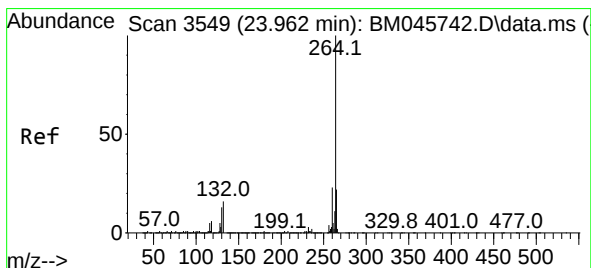
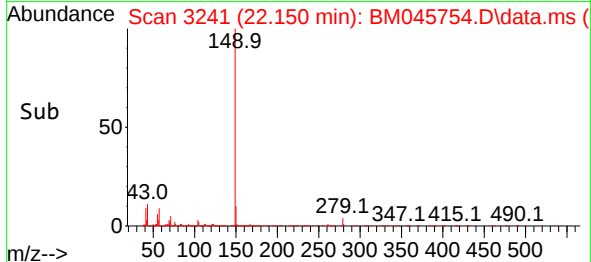
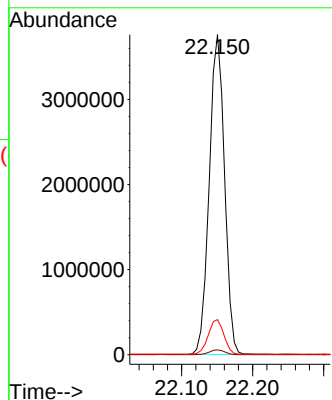
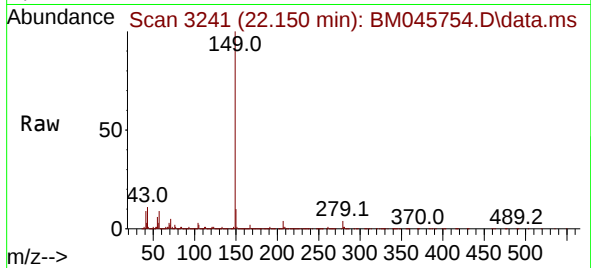




#85
Di-n-octyl phthalate
Concen: 46.655 ng
RT: 22.150 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM045754.D
Acq: 23 May 2024 15:28

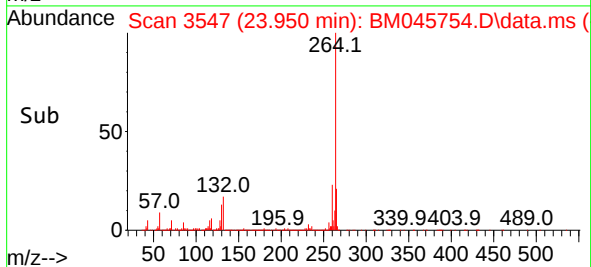
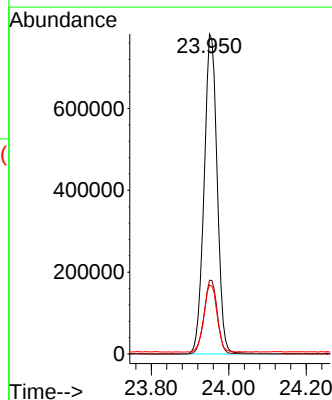
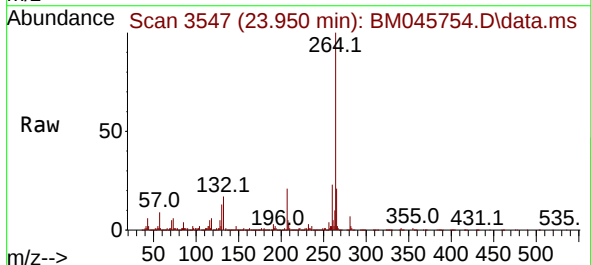
Instrument :
BNA_M
ClientSampleId :
PB160904BSD

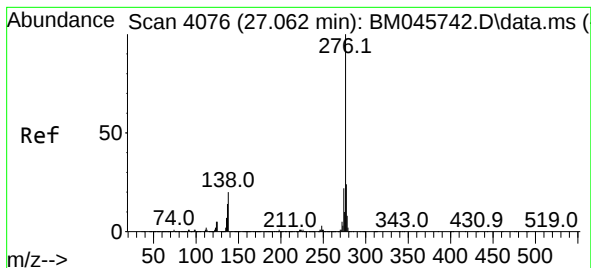
Tgt Ion:149 Resp: 5617129
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 11.1 8.8 13.2



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.950 min Scan# 3547
Delta R.T. -0.012 min
Lab File: BM045754.D
Acq: 23 May 2024 15:28

Tgt Ion:264 Resp: 1831165
Ion Ratio Lower Upper
264 100
260 23.1 18.7 28.1
265 21.5 17.8 26.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 48.254 ng

RT: 27.056 min Scan# 4076

Delta R.T. -0.006 min

Lab File: BM045754.D

Acq: 23 May 2024 15:28

Instrument :

BNA_M

ClientSampleId :

PB160904BSD

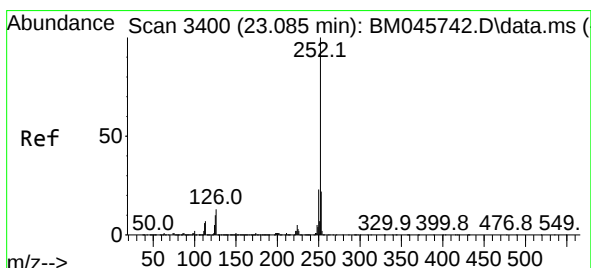
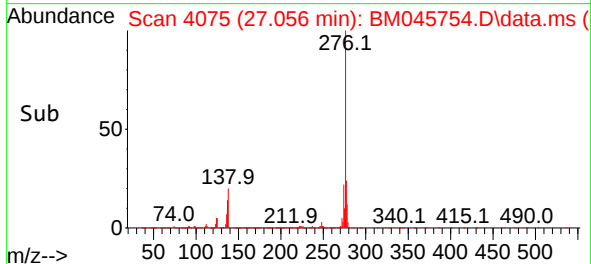
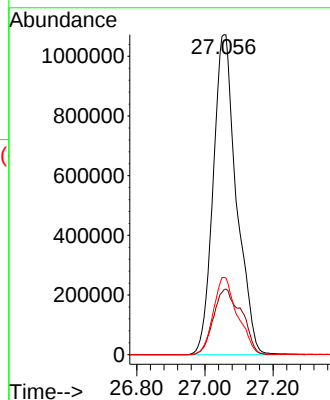
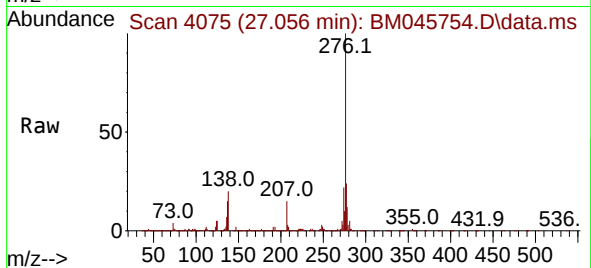
Tgt Ion:276 Resp: 5084220

Ion Ratio Lower Upper

276 100

138 24.8 19.8 29.6

277 25.2 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 46.651 ng

RT: 23.080 min Scan# 3399

Delta R.T. -0.006 min

Lab File: BM045754.D

Acq: 23 May 2024 15:28

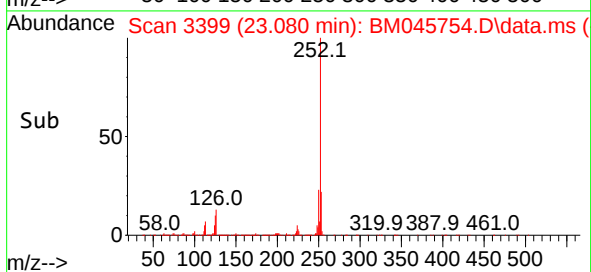
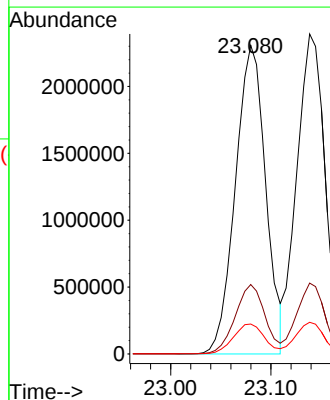
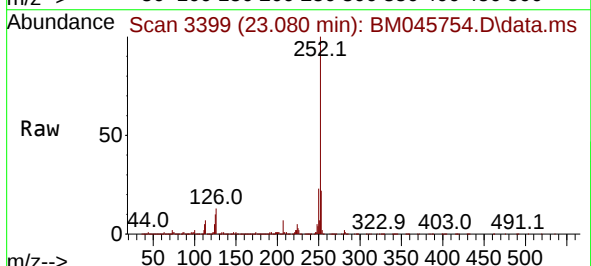
Tgt Ion:252 Resp: 4844385

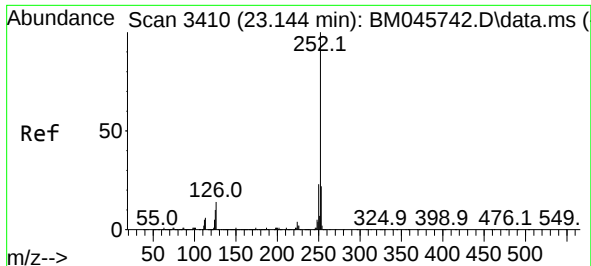
Ion Ratio Lower Upper

252 100

253 22.5 17.5 26.3

125 9.7 8.0 12.0

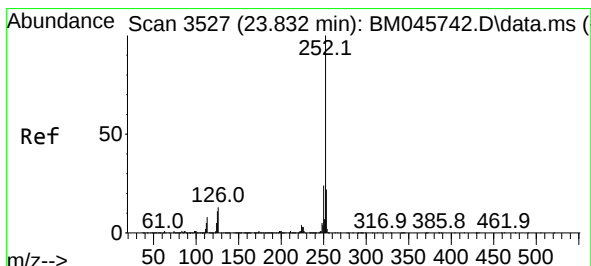
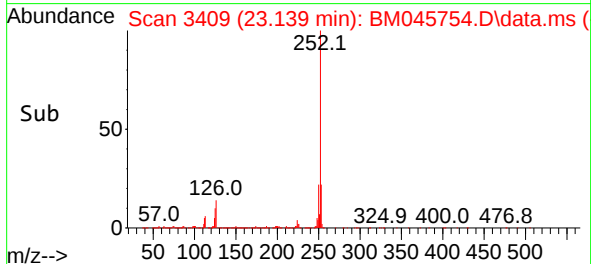
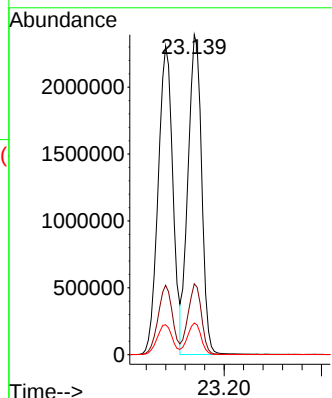
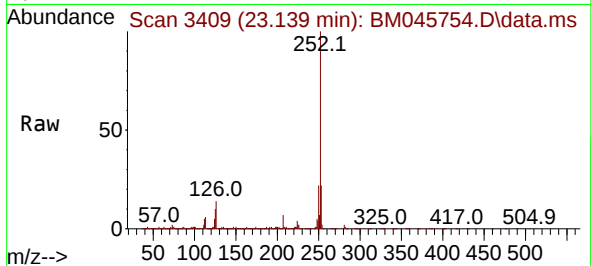




#89
Benzo(k)fluoranthene
Concen: 47.232 ng
RT: 23.139 min Scan# 3410
Delta R.T. -0.006 min
Lab File: BM045754.D
Acq: 23 May 2024 15:28

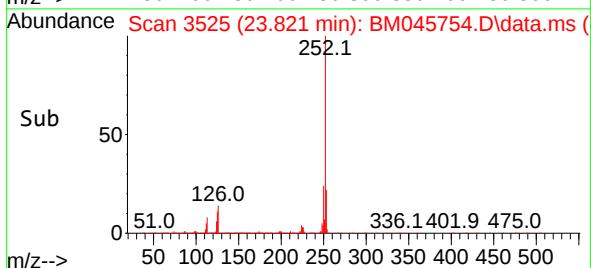
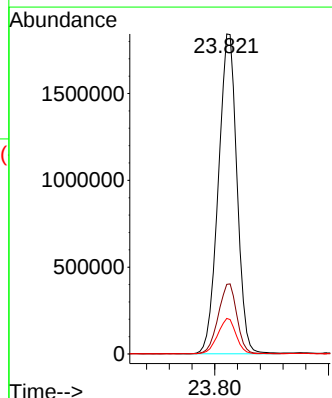
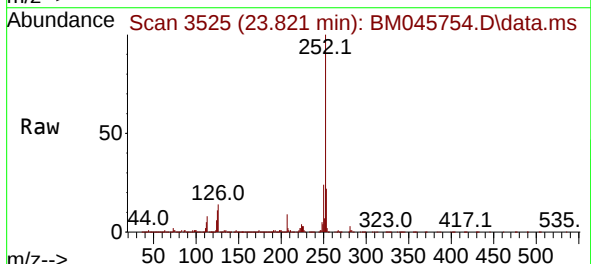
Instrument :
BNA_M
ClientSampleId :
PB160904BSD

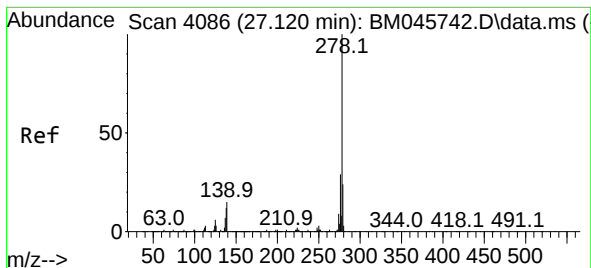
Tgt Ion:252 Resp: 4655346
Ion Ratio Lower Upper
252 100
253 22.2 17.7 26.5
125 9.9 8.1 12.1



#90
Benzo(a)pyrene
Concen: 46.366 ng
RT: 23.821 min Scan# 3525
Delta R.T. -0.012 min
Lab File: BM045754.D
Acq: 23 May 2024 15:28

Tgt Ion:252 Resp: 4183781
Ion Ratio Lower Upper
252 100
253 21.8 17.7 26.5
125 11.1 8.5 12.7





#91

Dibenzo(a,h)anthracene

Concen: 49.014 ng

RT: 27.109 min Scan# 4086

Delta R.T. -0.012 min

Lab File: BM045754.D

Acq: 23 May 2024 15:28

Instrument :

BNA_M

ClientSampleId :

PB160904BSD

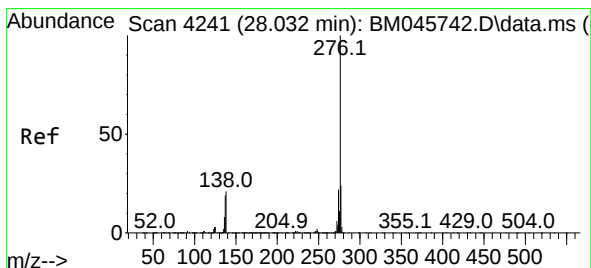
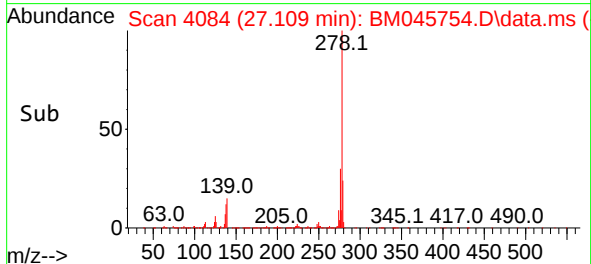
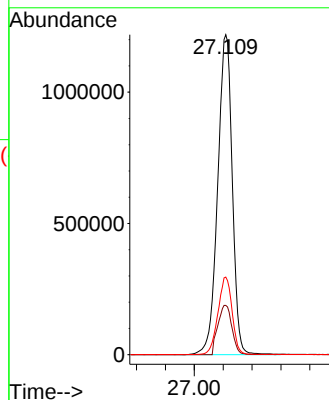
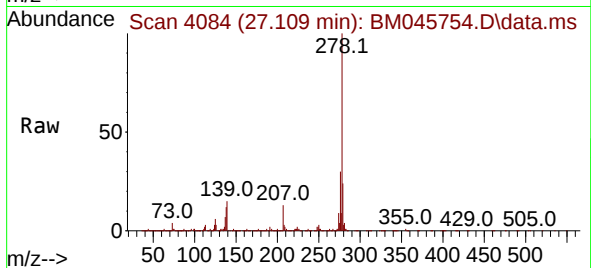
Tgt Ion:278 Resp: 4278055

Ion Ratio Lower Upper

278 100

139 15.4 12.2 18.4

279 24.3 19.0 28.4



#92

Benzo(g,h,i)perylene

Concen: 47.023 ng

RT: 28.021 min Scan# 4239

Delta R.T. -0.012 min

Lab File: BM045754.D

Acq: 23 May 2024 15:28

Tgt Ion:276 Resp: 4257516

Ion Ratio Lower Upper

276 100

277 24.0 19.0 28.4

138 21.0 16.7 25.1

