

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091923\
 Data File : BM041909.D
 Acq On : 19 Sep 2023 17:44
 Operator : MA/JU
 Sample : PB155456BSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB155456BSD

Quant Time: Sep 19 18:51:05 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM091823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 19 04:49:34 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.963	152	328179	20.000	ng	0.00
21) Naphthalene-d8	10.786	136	1372914	20.000	ng	0.00
39) Acenaphthene-d10	14.615	164	819451	20.000	ng	0.00
64) Phenanthrene-d10	17.368	188	1648669	20.000	ng	0.00
76) Chrysene-d12	21.539	240	1325698	20.000	ng	0.00
86) Perylene-d12	23.956	264	1315889	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	3255268	165.214	ng	0.00
7) Phenol-d6	7.116	99	4239033	154.950	ng	0.00
23) Nitrobenzene-d5	9.163	82	2649656	98.264	ng	0.00
42) 2,4,6-Tribromophenol	16.109	330	1540150	150.636	ng	0.00
45) 2-Fluorobiphenyl	13.233	172	5482794	98.206	ng	0.00
79) Terphenyl-d14	19.974	244	7670683	105.383	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.410	88	315256	39.227	ng	98
3) Pyridine	3.816	79	896651	35.915	ng	99
4) n-Nitrosodimethylamine	3.746	42	588067	49.555	ng	99
6) Aniline	7.304	93	1472751	40.633	ng	99
8) 2-Chlorophenol	7.522	128	1241941	56.615	ng	98
9) Benzaldehyde	7.122	77	387472	25.053	ng	97
10) Phenol	7.145	94	1577336	56.170	ng	100
11) bis(2-Chloroethyl)ether	7.398	93	1193112	50.936	ng	99
12) 1,3-Dichlorobenzene	7.845	146	1220421	52.104	ng	99
13) 1,4-Dichlorobenzene	8.004	146	1243895	52.265	ng	100
14) 1,2-Dichlorobenzene	8.316	146	1213504	53.044	ng	99
15) Benzyl Alcohol	8.216	79	1138925	52.733	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.492	45	1811881	50.577	ng	99
17) 2-Methylphenol	8.398	107	1041758	51.018	ng	99
18) Hexachloroethane	9.033	117	466376	52.133	ng	100
19) n-Nitroso-di-n-propyla...	8.781	70	980548	48.216	ng	99
20) 3+4-Methylphenols	8.733	107	1418016	50.593	ng	100
22) Acetophenone	8.810	105	1768136	51.518	ng	# 100
24) Nitrobenzene	9.204	77	1385152	51.754	ng	100
25) Isophorone	9.716	82	2612134	49.081	ng	100
26) 2-Nitrophenol	9.904	139	654819	54.321	ng	99
27) 2,4-Dimethylphenol	9.939	122	1132183	52.223	ng	100
28) bis(2-Chloroethoxy)met...	10.192	93	1604500	51.583	ng	100
29) 2,4-Dichlorophenol	10.422	162	1177104	56.105	ng	98
30) 1,2,4-Trichlorobenzene	10.633	180	1145161	53.163	ng	99
31) Naphthalene	10.833	128	3511140	50.800	ng	100
32) Benzoic acid	10.104	122	911725	53.375	ng	99
33) 4-Chloroaniline	10.963	127	867707	28.049	ng	99
34) Hexachlorobutadiene	11.063	225	684408	52.019	ng	99
35) Caprolactam	11.804	113	203205	27.099	ng	97
36) 4-Chloro-3-methylphenol	12.057	107	1232310	52.704	ng	100
37) 2-Methylnaphthalene	12.439	142	2430338	47.823	ng	99
38) 1-Methylnaphthalene	12.657	142	2332770	48.876	ng	99
40) 1,2,4,5-Tetrachloroben...	12.786	216	1263296	53.158	ng	100
41) Hexachlorocyclopentadiene	12.739	237	1578531	118.130	ng	100
43) 2,4,6-Trichlorophenol	13.039	196	907631	56.120	ng	99

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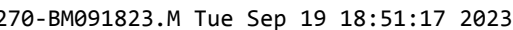
Instrument :
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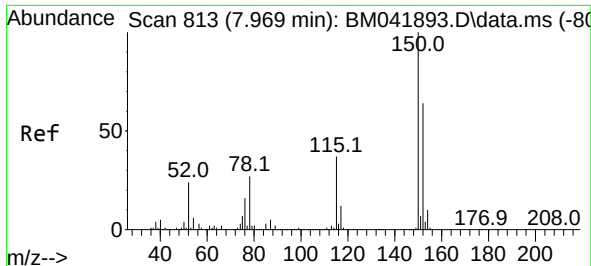
Quant Time: Sep 19 18:51:05 2023
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.110	196	979813	51.766	ng	98
46) 1,1'-Biphenyl	13.445	154	3140990	51.951	ng	100
47) 2-Chloronaphthalene	13.498	162	2403945	54.597	ng	99
48) 2-Nitroaniline	13.727	65	825535	52.471	ng	99
49) Acenaphthylene	14.345	152	3863115	52.868	ng	100
50) Dimethylphthalate	14.074	163	3060011	50.511	ng	100
51) 2,6-Dinitrotoluene	14.215	165	669699	52.164	ng	99
52) Acenaphthene	14.680	154	2254793	51.304	ng	99
53) 3-Nitroaniline	14.557	138	549189	38.219	ng	98
54) 2,4-Dinitrophenol	14.757	184	867450	108.187	ng	99
55) Dibenzofuran	15.015	168	3564641	50.246	ng	99
56) 4-Nitrophenol	14.845	139	1193833	104.755	ng	96
57) 2,4-Dinitrotoluene	14.998	165	882214	51.939	ng	98
58) Fluorene	15.662	166	2836539	50.715	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.227	232	828656	53.338	ng	100
60) Diethylphthalate	15.427	149	2975356	49.374	ng	99
61) 4-Chlorophenyl-phenyle...	15.651	204	1483765	50.567	ng	97
62) 4-Nitroaniline	15.721	138	648223	46.911	ng	98
63) Azobenzene	15.945	77	3095492	50.669	ng	98
65) 4,6-Dinitro-2-methylph...	15.751	198	519678	54.892	ng	98
66) n-Nitrosodiphenylamine	15.874	169	2508138	53.865	ng	100
67) 4-Bromophenyl-phenylether	16.551	248	910145	53.571	ng	97
68) Hexachlorobenzene	16.633	284	1023218	56.883	ng	97
69) Atrazine	16.821	200	879205	60.550	ng	99
70) Pentachlorophenol	16.992	266	1240124	91.246	ng	99
71) Phenanthrene	17.409	178	4363399	53.068	ng	99
72) Anthracene	17.503	178	4429664	52.811	ng	100
73) Carbazole	17.780	167	4036936	52.489	ng	99
74) Di-n-butylphthalate	18.303	149	5102572	51.678	ng	100
75) Fluoranthene	19.421	202	4937966	51.154	ng	100
77) Benzidine	19.621	184	1714987	63.377	ng	100
78) Pyrene	19.786	202	5083697	55.111	ng	100
80) Butylbenzylphthalate	20.656	149	2159561	52.638	ng	98
81) Benzo(a)anthracene	21.521	228	4626093	53.504	ng	100
82) 3,3'-Dichlorobenzidine	21.462	252	1493347	49.043	ng	98
83) Chrysene	21.580	228	4198586	51.807	ng	100
84) Bis(2-ethylhexyl)phtha...	21.403	149	3127787	51.390	ng	99
85) Di-n-octyl phthalate	22.333	149	5323331	51.960	ng	100
87) Indeno(1,2,3-cd)pyrene	26.474	276	4427319	56.350	ng	100
88) Benzo(b)fluoranthene	23.215	252	4393708	57.191	ng	100
89) Benzo(k)fluoranthene	23.262	252	4124655	54.331	ng	100
90) Benzo(a)pyrene	23.850	252	3711273	51.482	ng	100
91) Dibenzo(a,h)anthracene	26.491	278	3743900	57.159	ng	99
92) Benzo(g,h,i)perylene	27.256	276	3568703	57.023	ng	100

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

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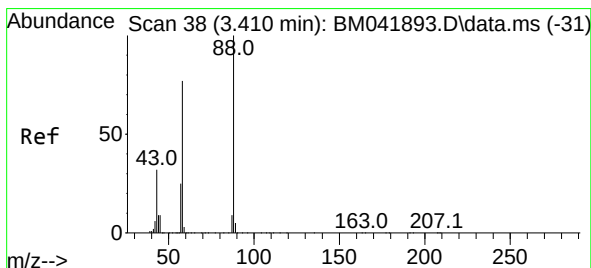
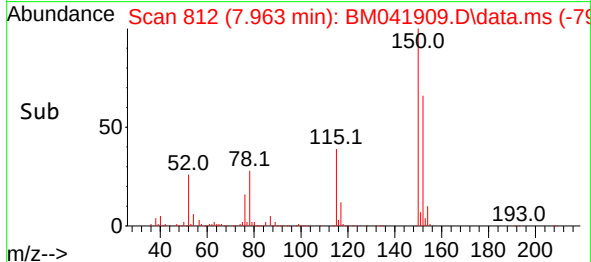
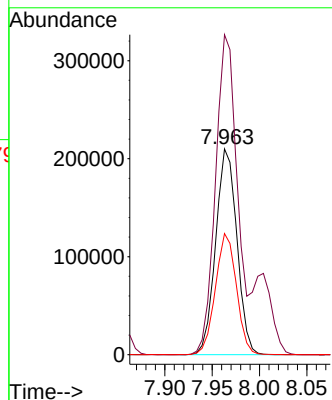
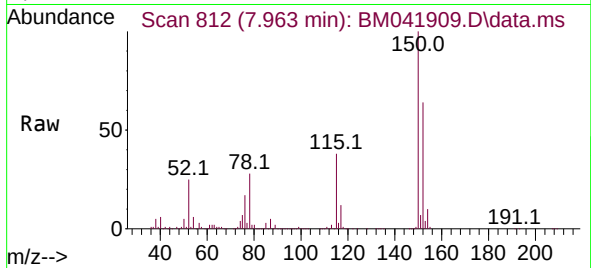




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.963 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM041909.D
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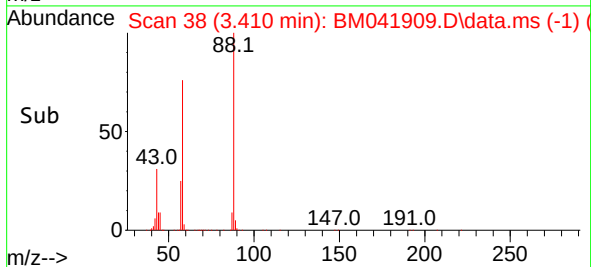
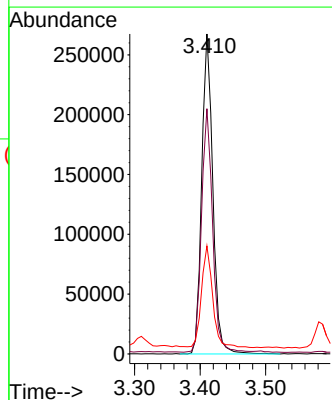
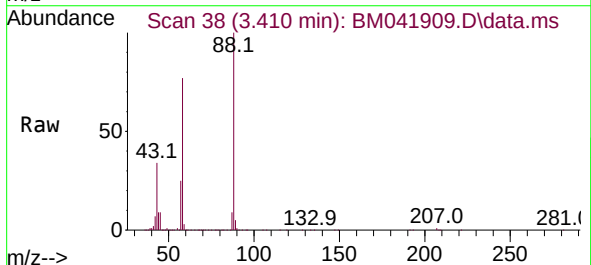
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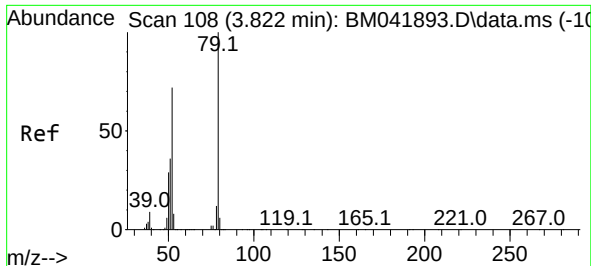
Tgt Ion:152 Resp: 328179
Ion Ratio Lower Upper
152 100
150 155.5 125.9 188.9
115 58.9 46.8 70.2



#2
1,4-Dioxane
Concen: 39.227 ng
RT: 3.410 min Scan# 38
Delta R.T. -0.000 min
Lab File: BM041909.D
Acq: 19 Sep 2023 17:44

Tgt Ion: 88 Resp: 315256
Ion Ratio Lower Upper
88 100
58 76.0 62.4 93.6
43 32.1 25.8 38.6

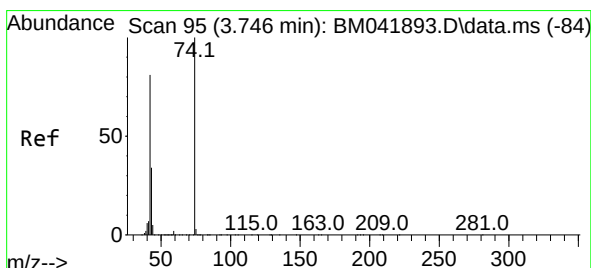
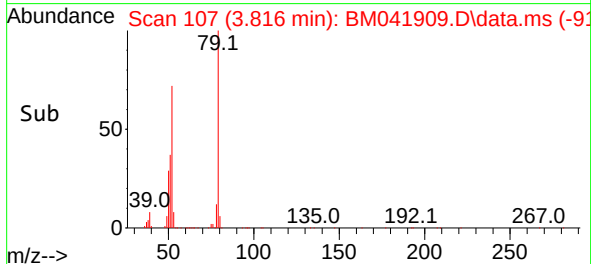
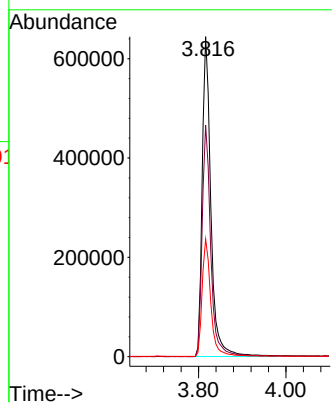
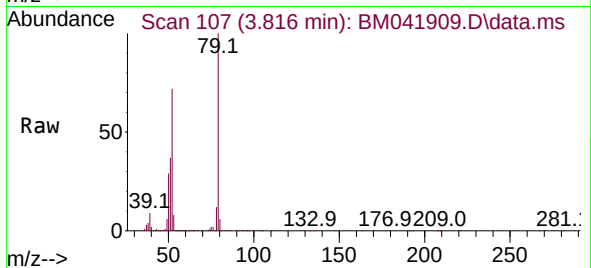




#3
Pyridine
Concen: 35.915 ng
RT: 3.816 min Scan# 108
Delta R.T. -0.006 min
Lab File: BM041909.D
Acq: 19 Sep 2023 17:44

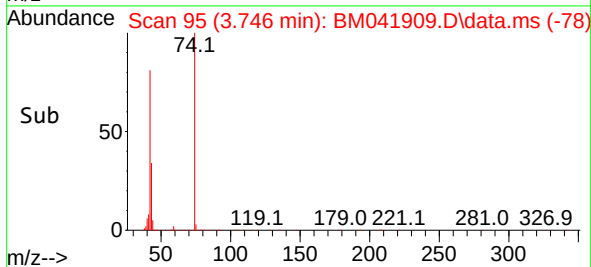
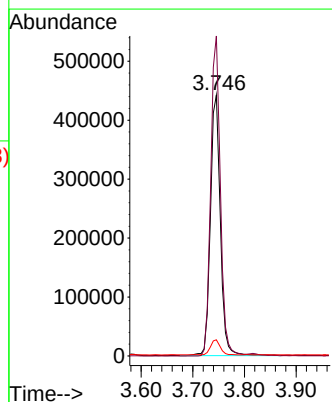
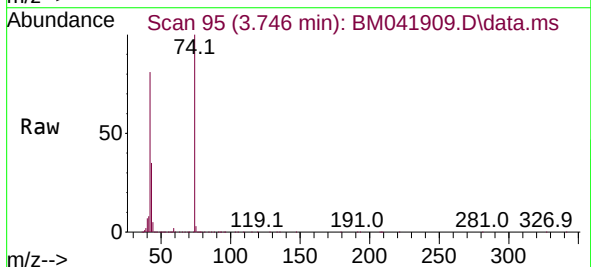
Instrument :
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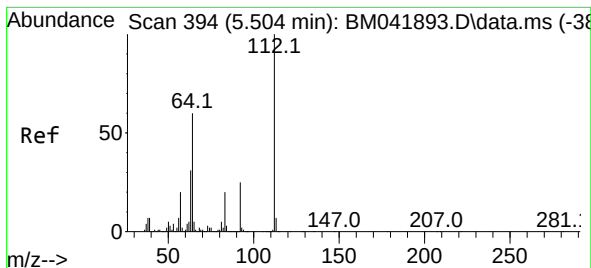
Tgt Ion: 79 Resp: 896651
Ion Ratio Lower Upper
79 100
52 72.3 57.2 85.8
51 36.7 28.9 43.3



#4
n-Nitrosodimethylamine
Concen: 49.555 ng
RT: 3.746 min Scan# 95
Delta R.T. -0.000 min
Lab File: BM041909.D
Acq: 19 Sep 2023 17:44

Tgt Ion: 42 Resp: 588067
Ion Ratio Lower Upper
42 100
74 122.7 98.8 148.2
44 6.2 5.1 7.7

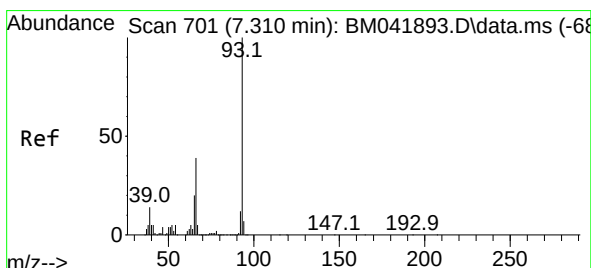
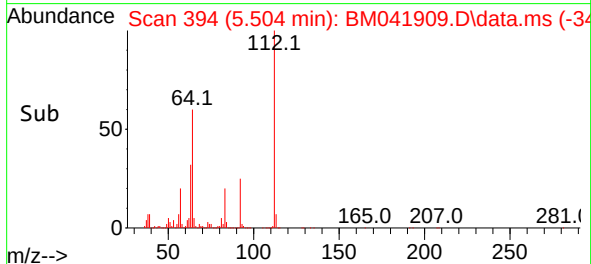
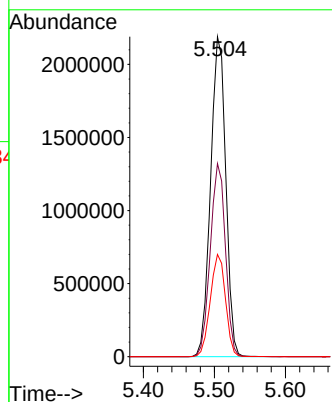
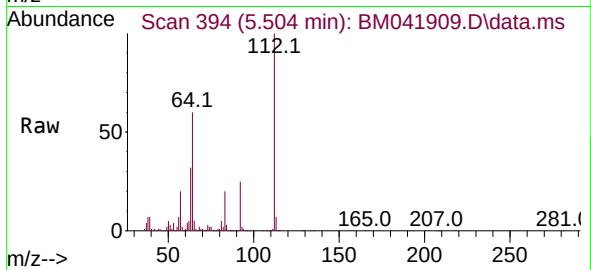




#5
2-Fluorophenol
Concen: 165.214 ng
RT: 5.504 min Scan# 394
Delta R.T. -0.000 min
Lab File: BM041909.D
Acq: 19 Sep 2023 17:44

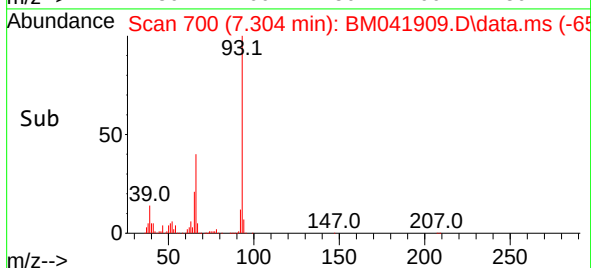
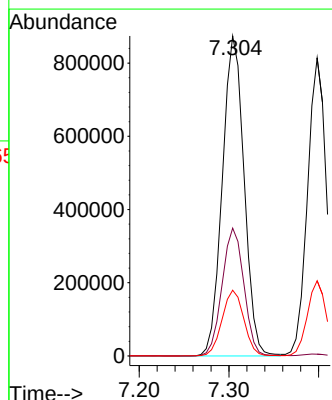
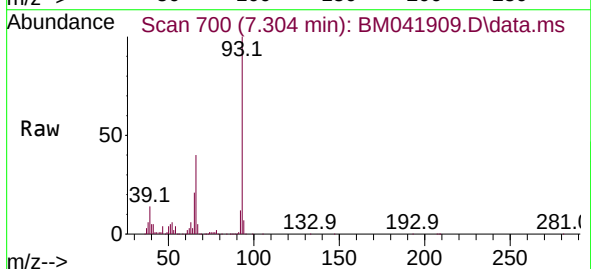
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ClientSampleId :
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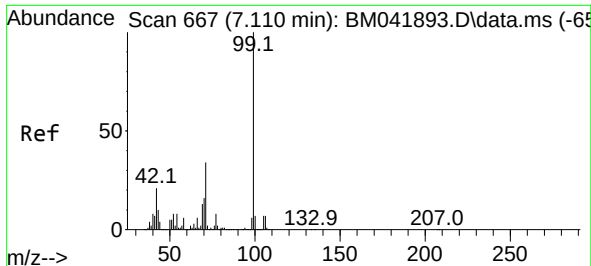
Tgt Ion:112 Resp: 3255268
Ion Ratio Lower Upper
112 100
64 60.3 48.1 72.1
63 32.0 25.0 37.6



#6
Aniline
Concen: 40.633 ng
RT: 7.304 min Scan# 700
Delta R.T. -0.006 min
Lab File: BM041909.D
Acq: 19 Sep 2023 17:44

Tgt Ion: 93 Resp: 1472751
Ion Ratio Lower Upper
93 100
66 40.0 31.4 47.2
65 20.5 16.2 24.4



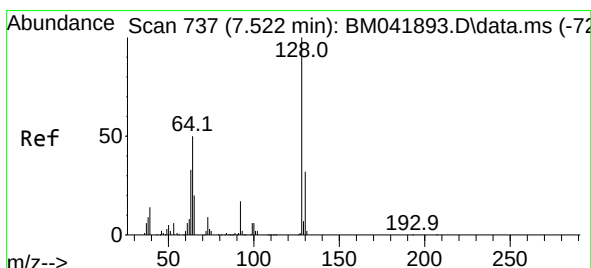
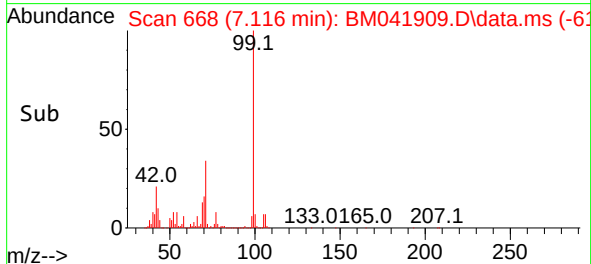
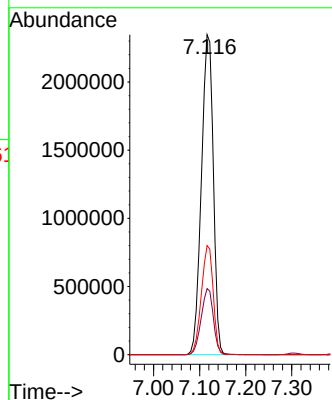
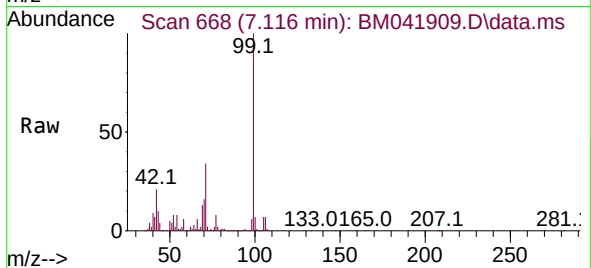


#7
Phenol-d6
Concen: 154.950 ng
RT: 7.116 min Scan# 668
Delta R.T. 0.006 min
Lab File: BM041909.D
Acq: 19 Sep 2023 17:44

Instrument :
BNA_M
ClientSampleId :
PB155456BSD

Tgt Ion: 99 Resp: 4239033

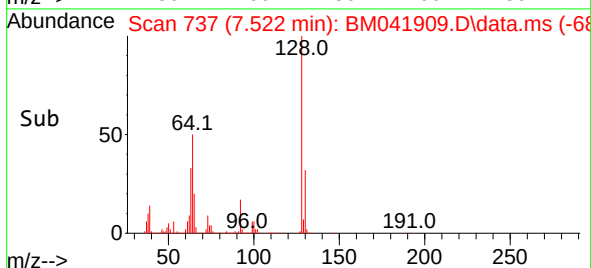
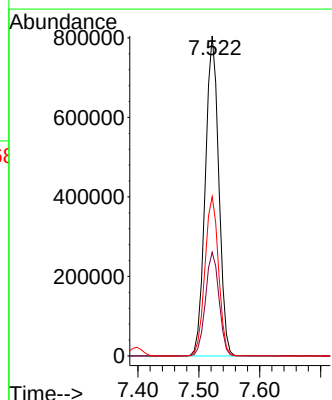
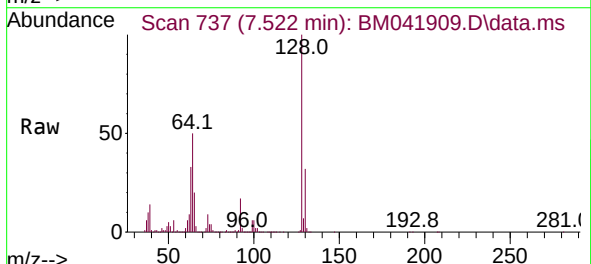
Ion	Ratio	Lower	Upper
99	100		
42	20.7	16.6	25.0
71	34.1	26.8	40.2

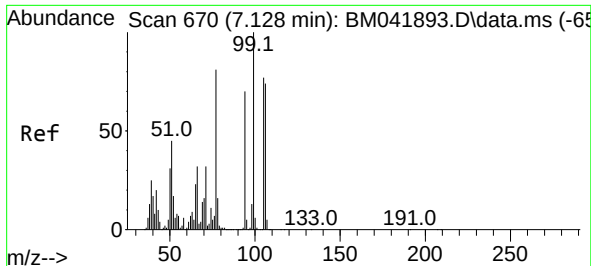


#8
2-Chlorophenol
Concen: 56.615 ng
RT: 7.522 min Scan# 737
Delta R.T. -0.000 min
Lab File: BM041909.D
Acq: 19 Sep 2023 17:44

Tgt Ion:128 Resp: 1241941

Ion	Ratio	Lower	Upper
128	100		
130	32.4	12.4	52.4
64	49.8	31.7	71.7

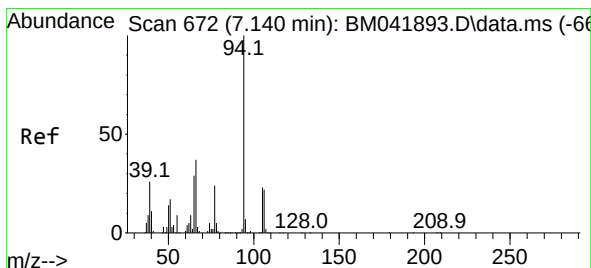
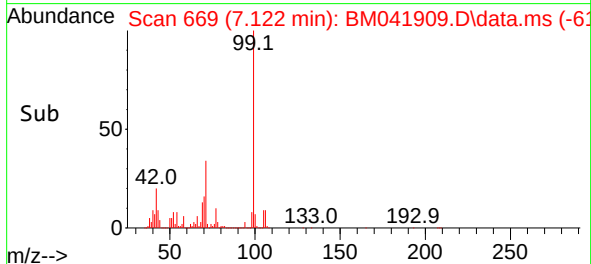
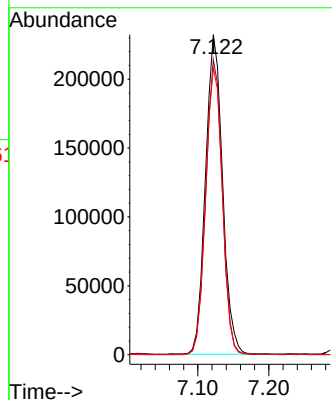
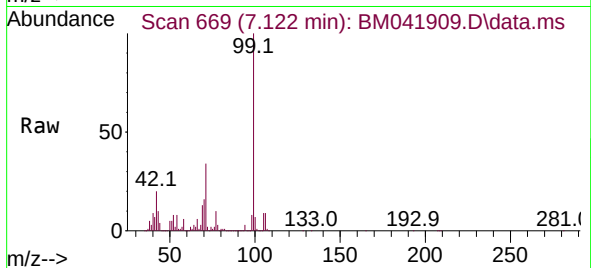




#9
Benzaldehyde
Concen: 25.053 ng
RT: 7.122 min Scan# 610
Delta R.T. -0.006 min
Lab File: BM041909.D
Acq: 19 Sep 2023 17:44

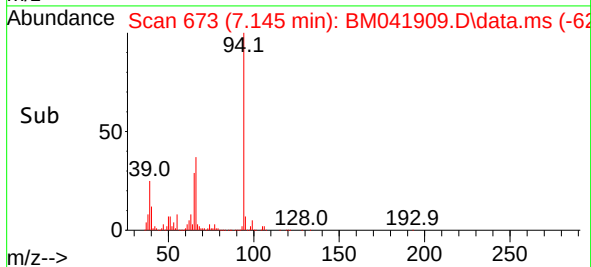
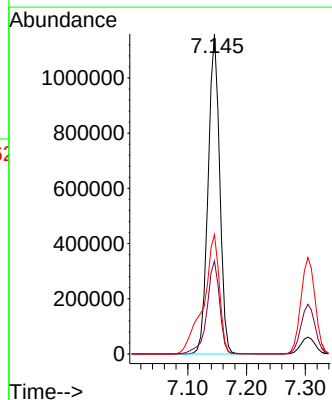
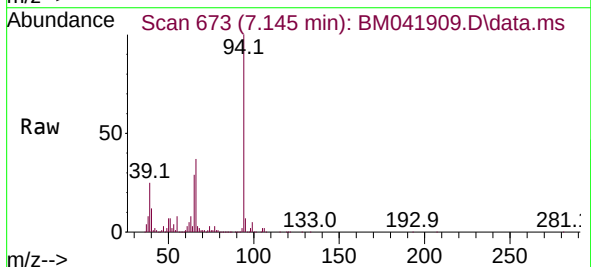
Instrument :
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ClientSampleId :
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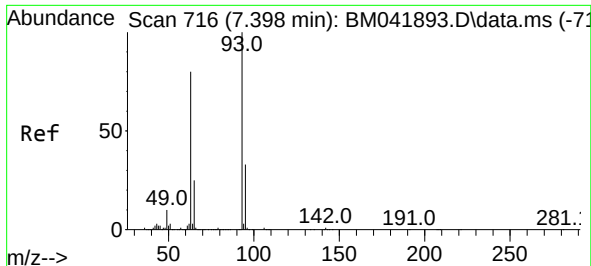
Tgt Ion: 77 Resp: 387472
Ion Ratio Lower Upper
77 100
105 92.1 75.1 115.1
106 89.6 71.6 111.6



#10
Phenol
Concen: 56.170 ng
RT: 7.145 min Scan# 673
Delta R.T. 0.006 min
Lab File: BM041909.D
Acq: 19 Sep 2023 17:44

Tgt Ion: 94 Resp: 1577336
Ion Ratio Lower Upper
94 100
65 29.1 9.1 49.1
66 37.3 17.3 57.3



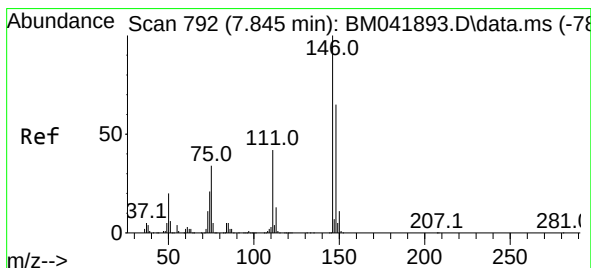
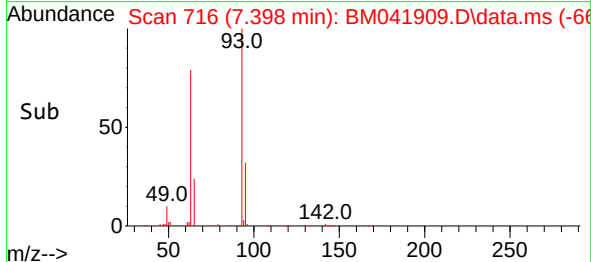
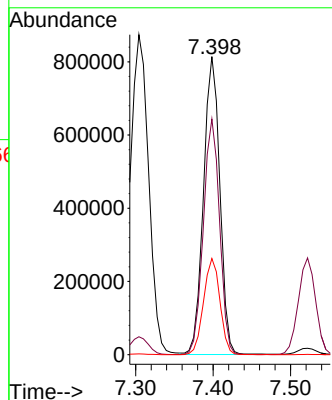
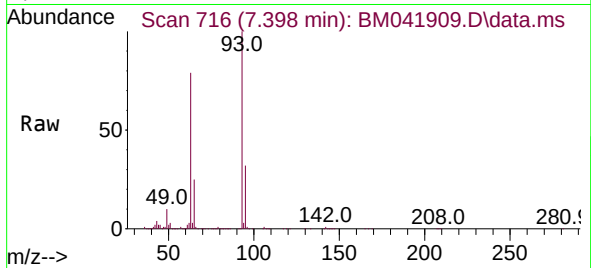


#11
bis(2-Chloroethyl)ether
Concen: 50.936 ng
RT: 7.398 min Scan# 716
Delta R.T. -0.000 min
Lab File: BM041909.D
Acq: 19 Sep 2023 17:44

Instrument :
BNA_M
ClientSampleId :
PB155456BSD

Tgt Ion: 93 Resp: 1193112

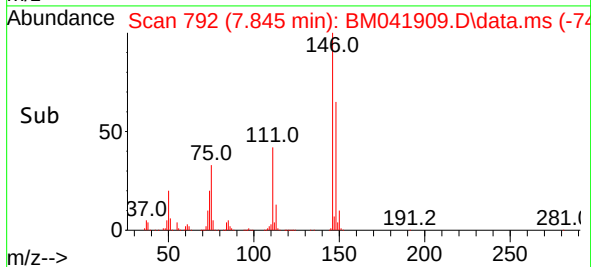
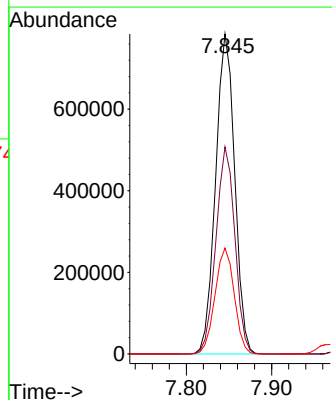
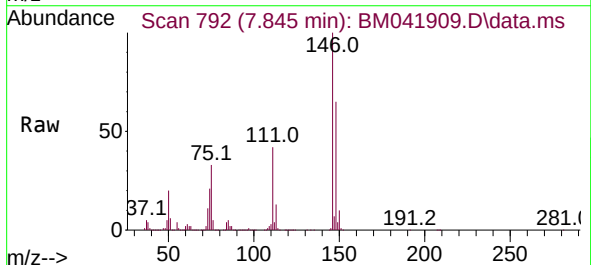
Ion	Ratio	Lower	Upper
93	100		
63	79.1	59.5	99.5
95	32.3	12.9	52.9

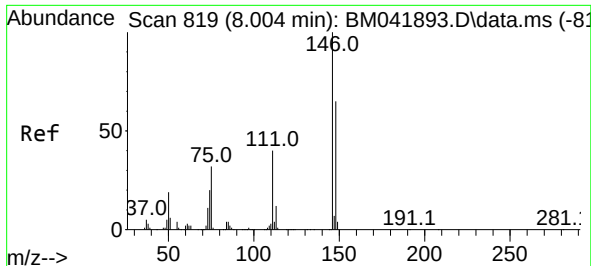


#12
1,3-Dichlorobenzene
Concen: 52.104 ng
RT: 7.845 min Scan# 792
Delta R.T. -0.000 min
Lab File: BM041909.D
Acq: 19 Sep 2023 17:44

Tgt Ion: 146 Resp: 1220421

Ion	Ratio	Lower	Upper
146	100		
148	64.7	51.7	77.5
75	33.1	27.2	40.8

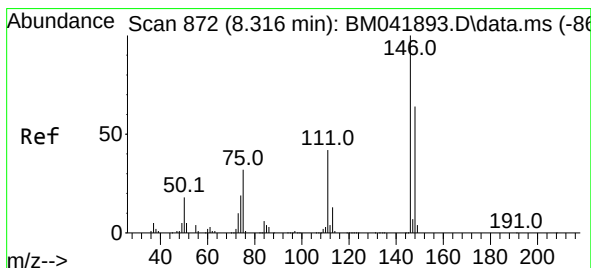
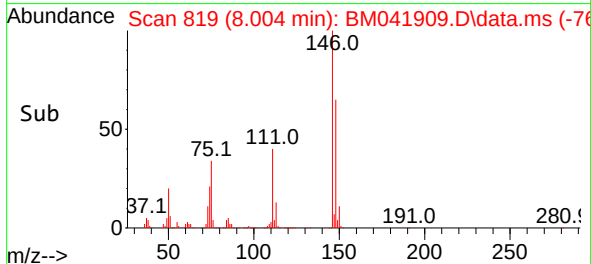
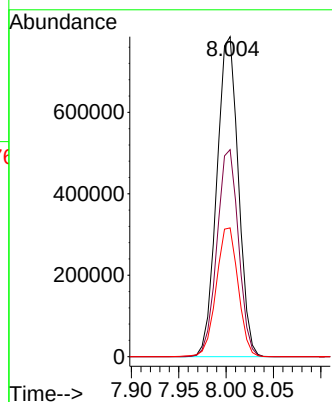
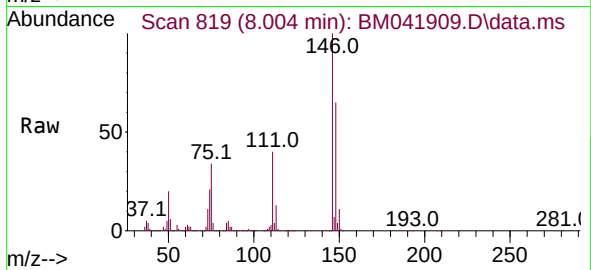




#13
1,4-Dichlorobenzene
Concen: 52.265 ng
RT: 8.004 min Scan# 819
Delta R.T. -0.000 min
Lab File: BM041909.D
Acq: 19 Sep 2023 17:44

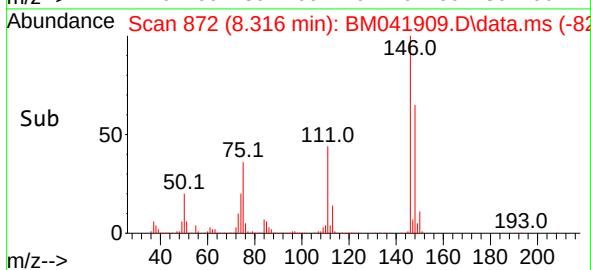
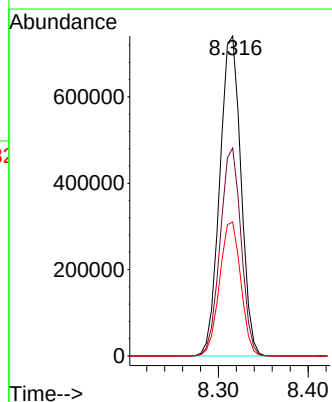
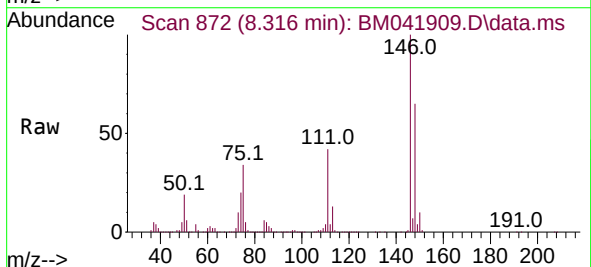
Instrument :
BNA_M
ClientSampleId :
PB155456BSD

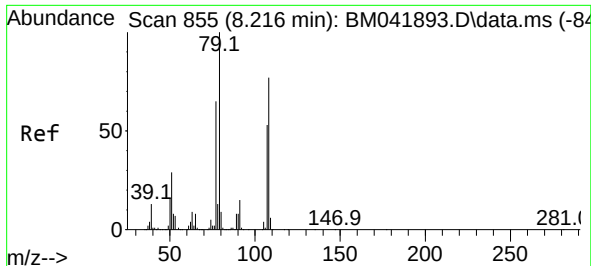
Tgt Ion:146 Resp: 1243895
Ion Ratio Lower Upper
146 100
148 64.7 51.9 77.9
111 40.3 32.1 48.1



#14
1,2-Dichlorobenzene
Concen: 53.044 ng
RT: 8.316 min Scan# 872
Delta R.T. -0.000 min
Lab File: BM041909.D
Acq: 19 Sep 2023 17:44

Tgt Ion:146 Resp: 1213504
Ion Ratio Lower Upper
146 100
148 65.0 51.5 77.3
111 41.9 34.0 51.0

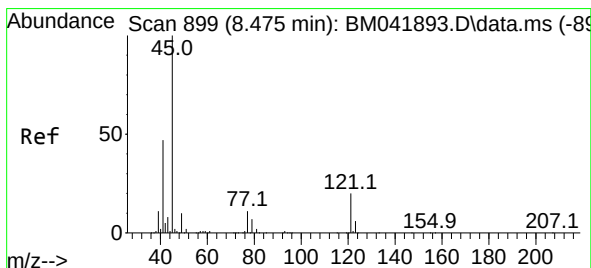
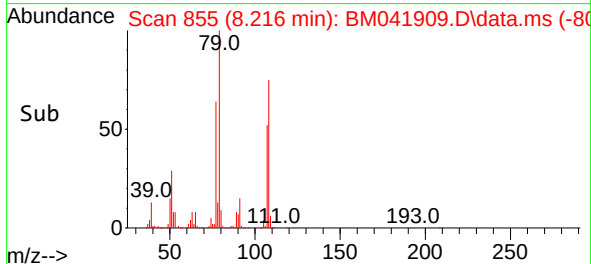
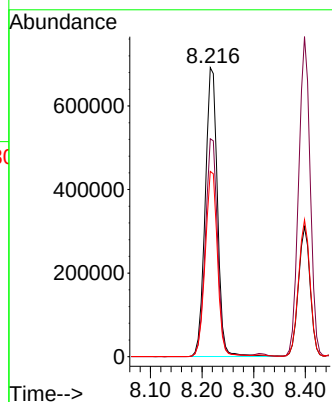
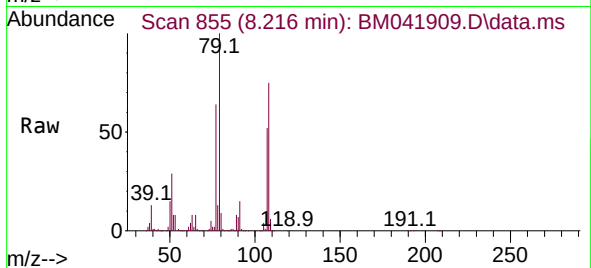




#15
Benzyl Alcohol
Concen: 52.733 ng
RT: 8.216 min Scan# 81
Delta R.T. -0.000 min
Lab File: BM041909.D
Acq: 19 Sep 2023 17:44

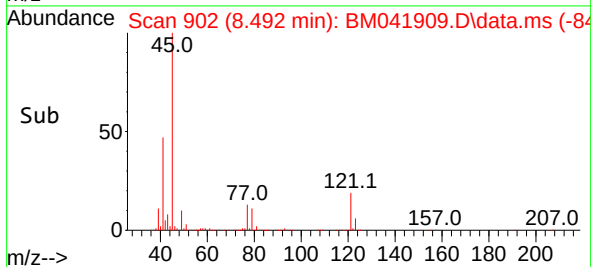
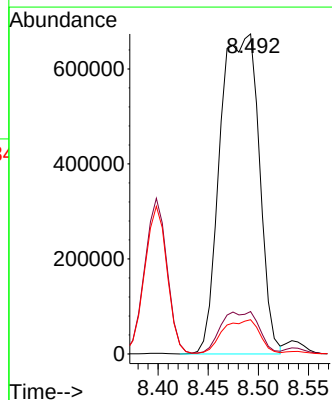
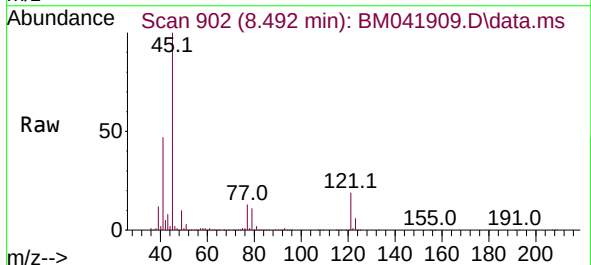
Instrument :
BNA_M
ClientSampleId :
PB155456BSD

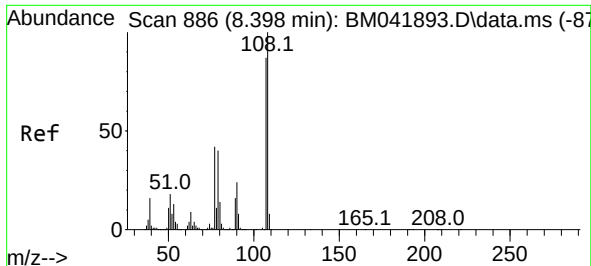
Tgt Ion: 79 Resp: 1138925
Ion Ratio Lower Upper
79 100
108 75.4 61.4 92.0
77 64.1 52.0 78.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 50.577 ng
RT: 8.492 min Scan# 902
Delta R.T. 0.017 min
Lab File: BM041909.D
Acq: 19 Sep 2023 17:44

Tgt Ion: 45 Resp: 1811881
Ion Ratio Lower Upper
45 100
77 13.2 0.0 33.4
79 10.7 0.0 29.6

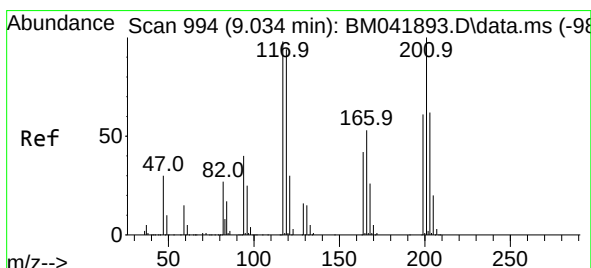
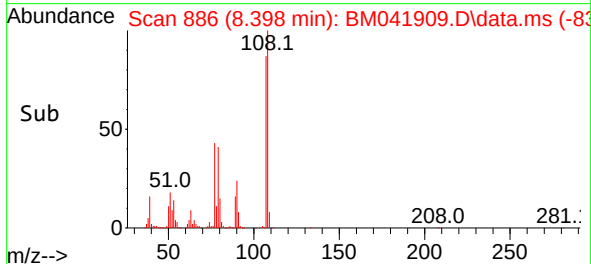
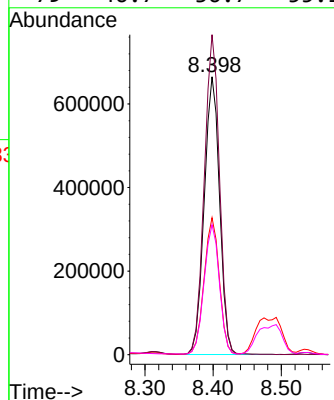
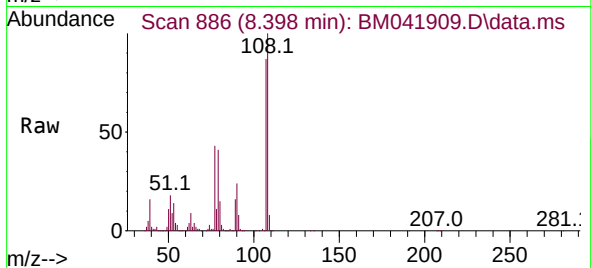




#17
2-Methylphenol
Concen: 51.018 ng
RT: 8.398 min Scan# 886
Delta R.T. -0.000 min
Lab File: BM041909.D
Acq: 19 Sep 2023 17:44

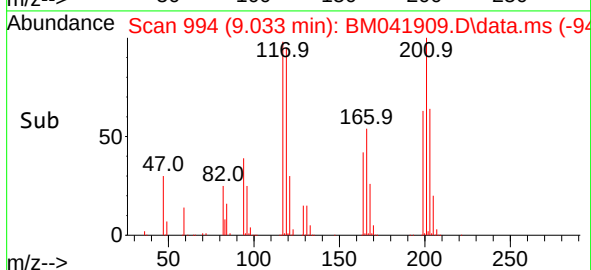
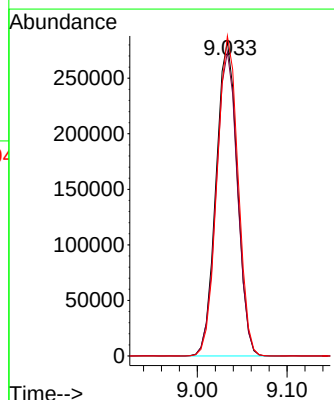
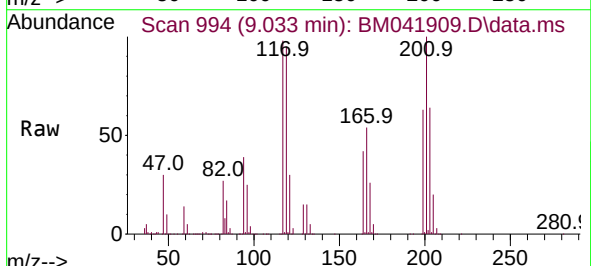
Instrument :
BNA_M
ClientSampleId :
PB155456BSD

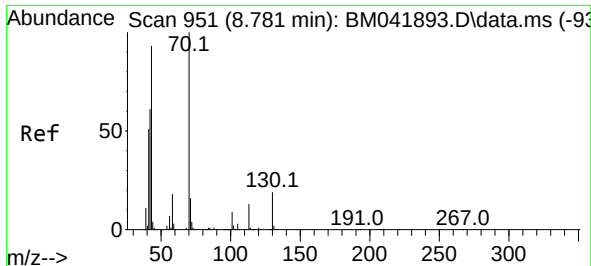
Tgt Ion:107 Resp: 1041758
Ion Ratio Lower Upper
107 100
108 115.1 91.9 137.9
77 49.3 39.0 58.6
79 46.7 36.7 55.1



#18
Hexachloroethane
Concen: 52.133 ng
RT: 9.033 min Scan# 994
Delta R.T. -0.000 min
Lab File: BM041909.D
Acq: 19 Sep 2023 17:44

Tgt Ion:117 Resp: 466376
Ion Ratio Lower Upper
117 100
119 96.7 77.2 115.8
201 101.8 81.9 122.9

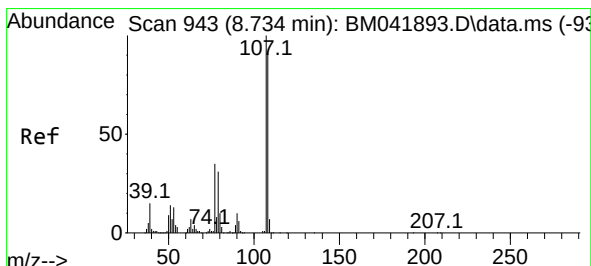
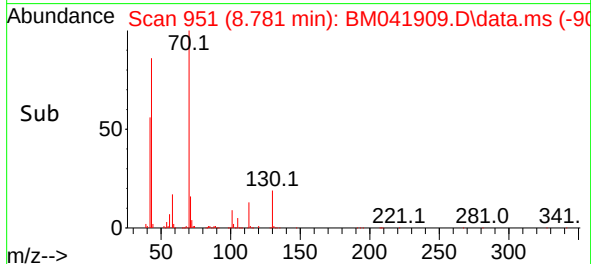
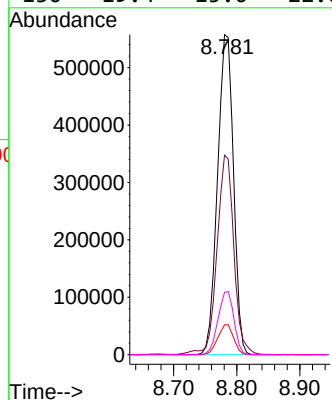
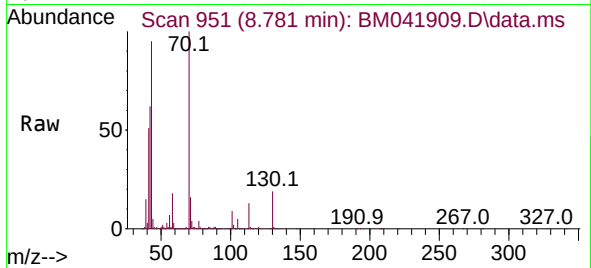




#19
n-Nitroso-di-n-propylamine
Concen: 48.216 ng
RT: 8.781 min Scan# 91
Delta R.T. -0.000 min
Lab File: BM041909.D
Acq: 19 Sep 2023 17:44

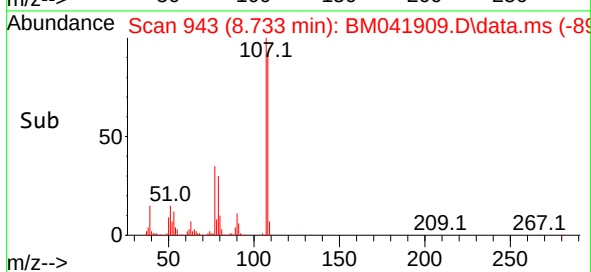
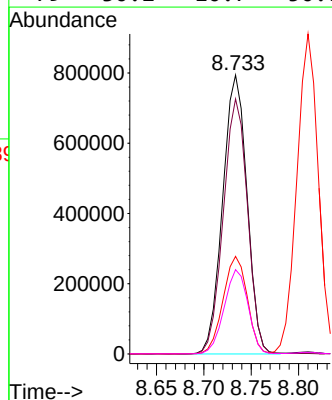
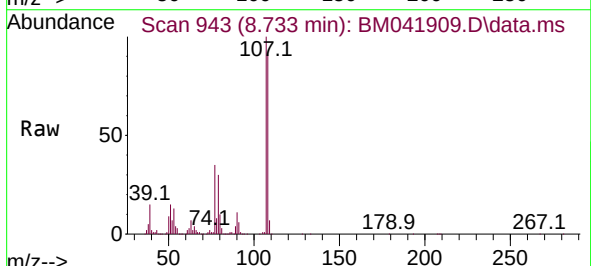
Instrument :
BNA_M
ClientSampleId :
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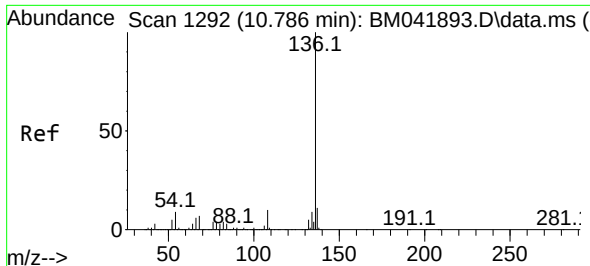
Tgt Ion: 70 Resp: 980548
Ion Ratio Lower Upper
70 100
42 62.3 49.2 73.8
101 9.3 7.0 10.6
130 19.4 15.0 22.6



#20
3+4-Methylphenols
Concen: 50.593 ng
RT: 8.733 min Scan# 943
Delta R.T. -0.000 min
Lab File: BM041909.D
Acq: 19 Sep 2023 17:44

Tgt Ion: 107 Resp: 1418016
Ion Ratio Lower Upper
107 100
108 91.4 71.5 111.5
77 35.0 14.9 54.9
79 30.2 10.7 50.7

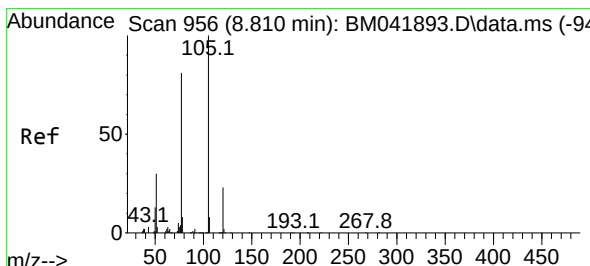
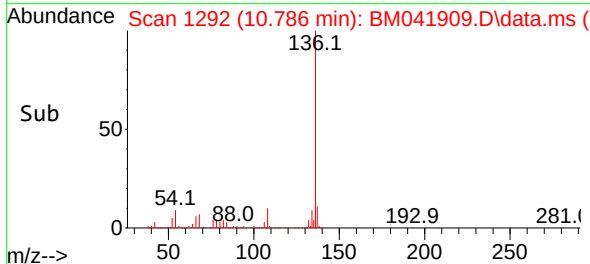
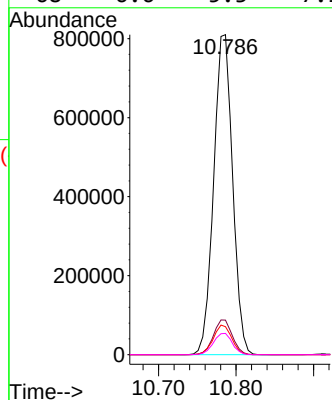
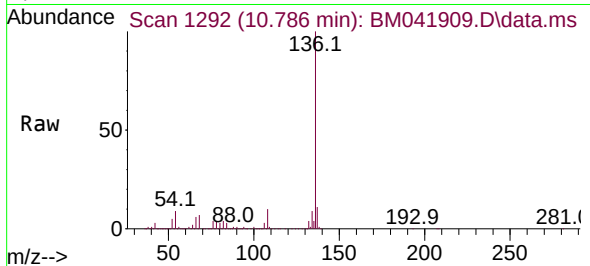




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.786 min Scan# 1292
Delta R.T. -0.000 min
Lab File: BM041909.D
Acq: 19 Sep 2023 17:44

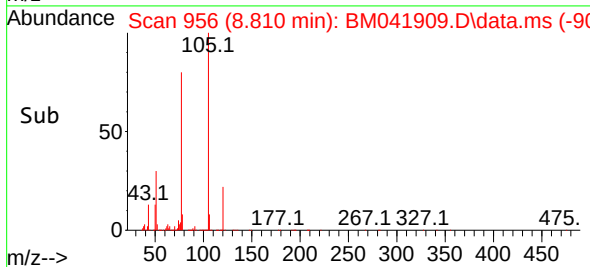
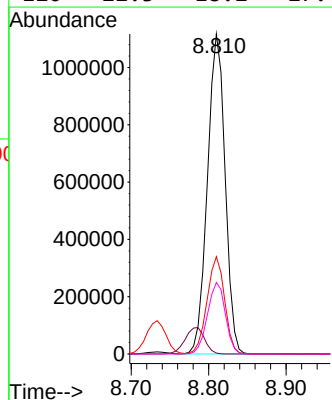
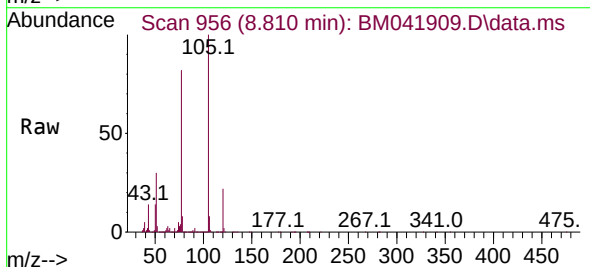
Instrument :
BNA_M
ClientSampleId :
PB155456BSD

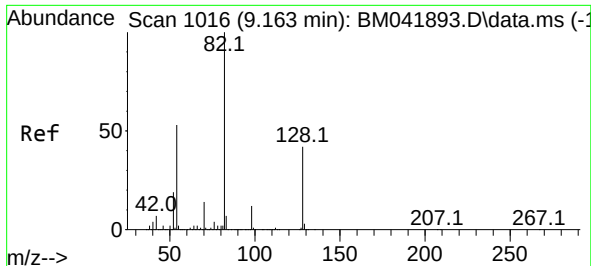
Tgt Ion:136 Resp: 1372914
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 8.7 7.0 10.4
68 6.6 5.3 7.9



#22
Acetophenone
Concen: 51.518 ng
RT: 8.810 min Scan# 956
Delta R.T. -0.000 min
Lab File: BM041909.D
Acq: 19 Sep 2023 17:44

Tgt Ion:105 Resp: 1768136
Ion Ratio Lower Upper
105 100
71 0.3 0.2 0.2#
51 30.4 24.3 36.5
120 22.3 18.2 27.4

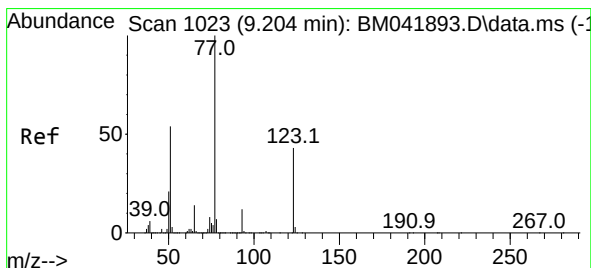
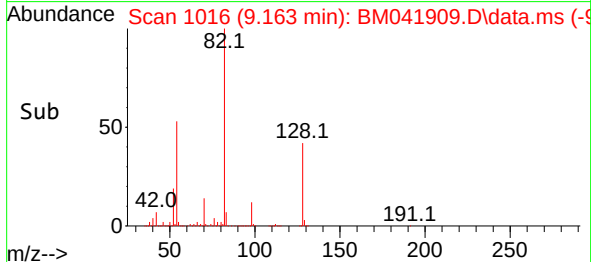
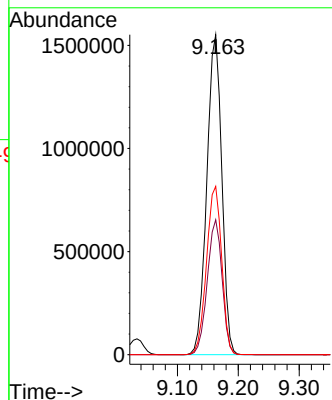
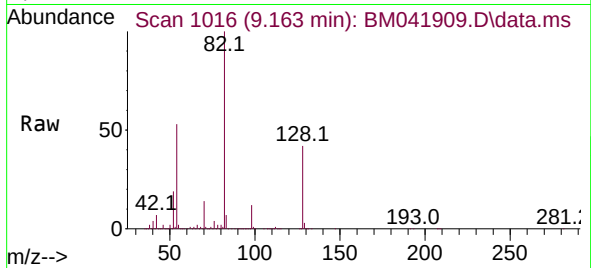




#23
Nitrobenzene-d5
Concen: 98.264 ng
RT: 9.163 min Scan# 1016
Delta R.T. -0.000 min
Lab File: BM041909.D
Acq: 19 Sep 2023 17:44

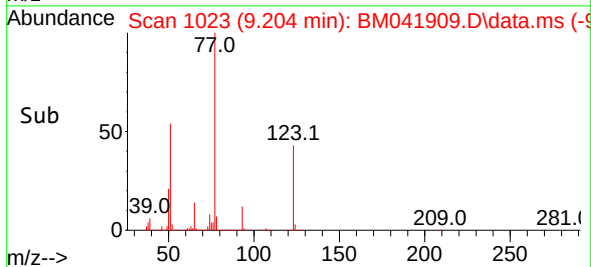
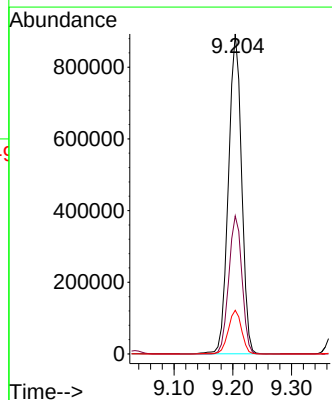
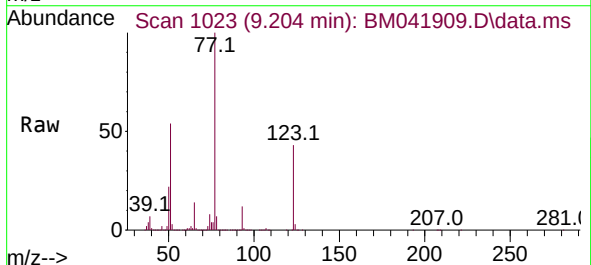
Instrument :
BNA_M
ClientSampleId :
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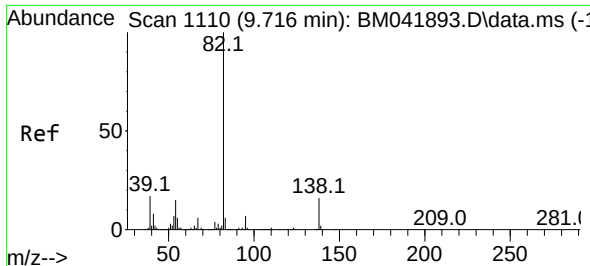
Tgt Ion: 82 Resp: 2649656
Ion Ratio Lower Upper
82 100
128 42.2 33.8 50.6
54 52.6 42.8 64.2



#24
Nitrobenzene
Concen: 51.754 ng
RT: 9.204 min Scan# 1023
Delta R.T. -0.000 min
Lab File: BM041909.D
Acq: 19 Sep 2023 17:44

Tgt Ion: 77 Resp: 1385152
Ion Ratio Lower Upper
77 100
123 43.1 34.6 52.0
65 13.7 11.1 16.7

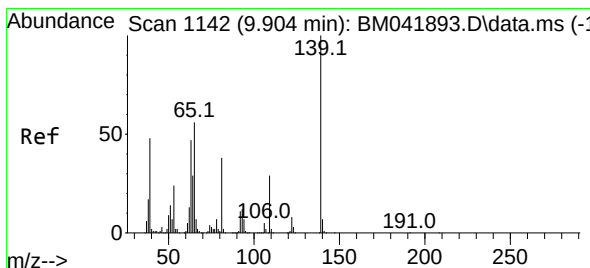
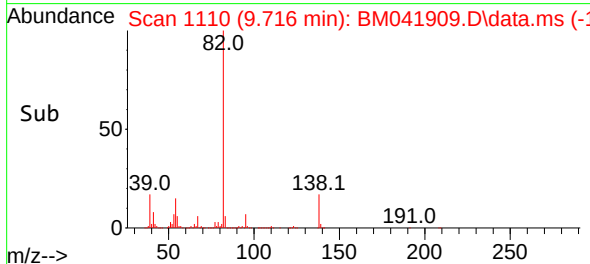
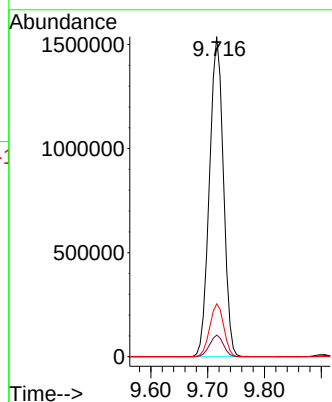
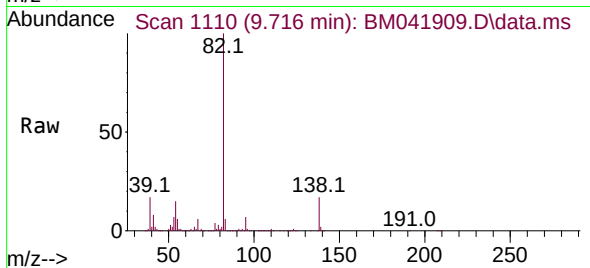




#25
Isophorone
Concen: 49.081 ng
RT: 9.716 min Scan# 1110
Delta R.T. -0.000 min
Lab File: BM041909.D
Acq: 19 Sep 2023 17:44

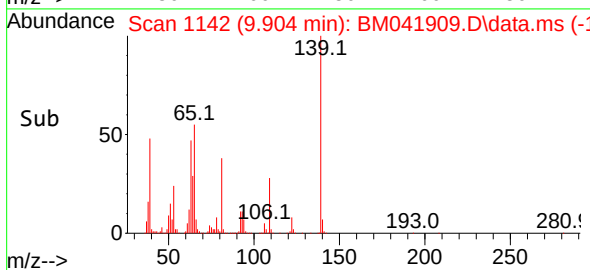
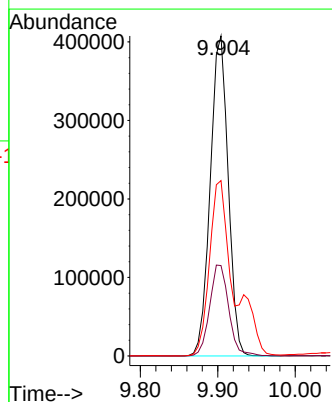
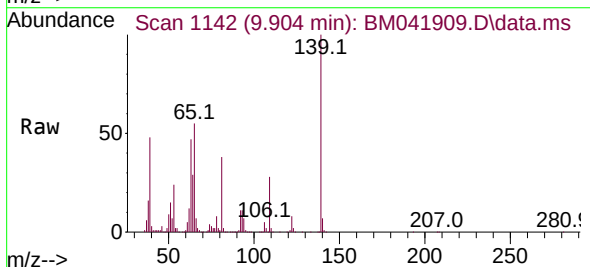
Instrument :
BNA_M
ClientSampleId :
PB155456BSD

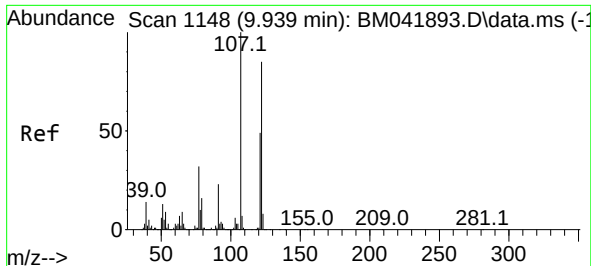
Tgt Ion: 82 Resp: 2612134
Ion Ratio Lower Upper
82 100
95 6.7 5.4 8.0
138 16.5 13.1 19.7



#26
2-Nitrophenol
Concen: 54.321 ng
RT: 9.904 min Scan# 1142
Delta R.T. -0.000 min
Lab File: BM041909.D
Acq: 19 Sep 2023 17:44

Tgt Ion:139 Resp: 654819
Ion Ratio Lower Upper
139 100
109 28.3 23.0 34.4
65 54.8 44.5 66.7

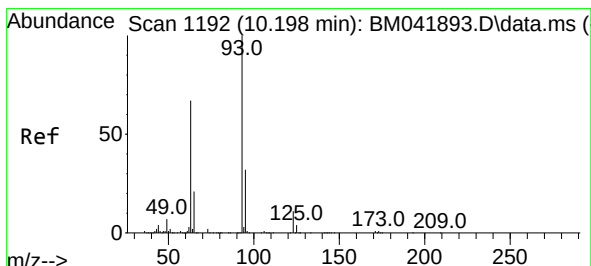
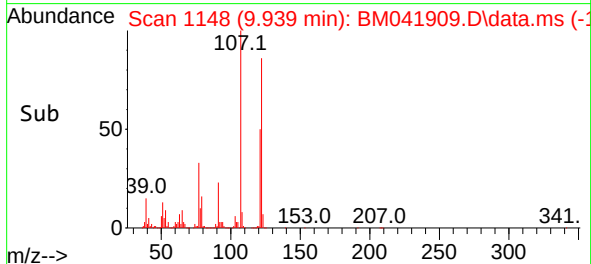
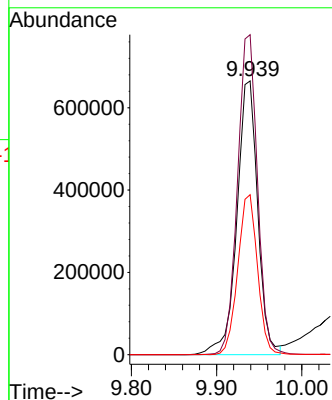
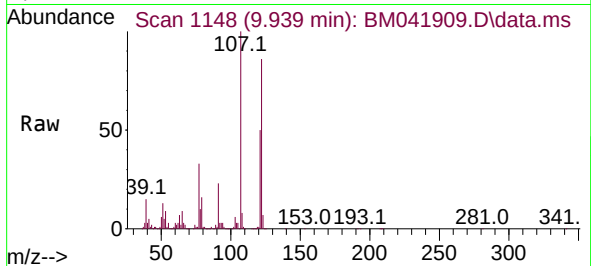




#27
2,4-Dimethylphenol
Concen: 52.223 ng
RT: 9.939 min Scan# 1148
Delta R.T. -0.000 min
Lab File: BM041909.D
Acq: 19 Sep 2023 17:44

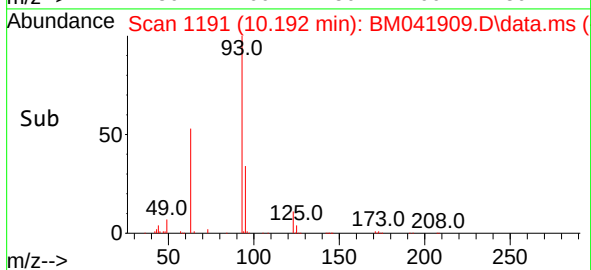
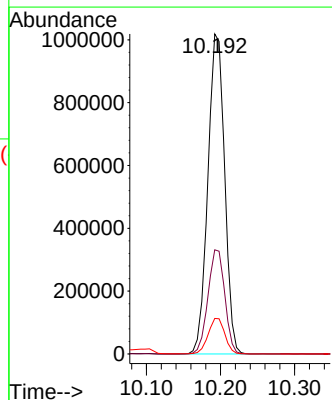
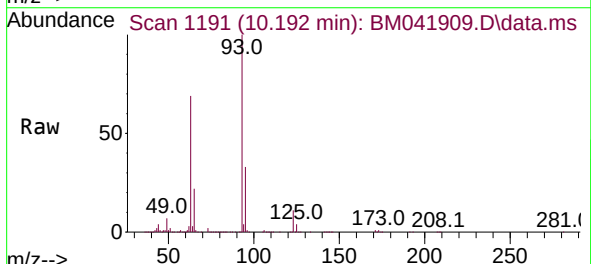
Instrument :
BNA_M
ClientSampleId :
PB155456BSD

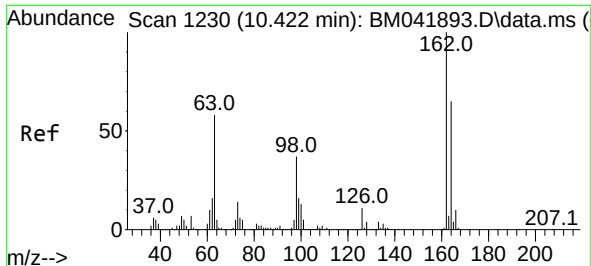
Tgt Ion:122 Resp: 1132183
Ion Ratio Lower Upper
122 100
107 116.9 93.8 140.6
121 58.4 46.4 69.6



#28
bis(2-Chloroethoxy)methane
Concen: 51.583 ng
RT: 10.192 min Scan# 1191
Delta R.T. -0.006 min
Lab File: BM041909.D
Acq: 19 Sep 2023 17:44

Tgt Ion: 93 Resp: 1604500
Ion Ratio Lower Upper
93 100
95 32.6 25.9 38.9
123 11.1 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 56.105 ng

RT: 10.422 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM041909.D

Acq: 19 Sep 2023 17:44

Instrument :

BNA_M

ClientSampleId :

PB155456BSD

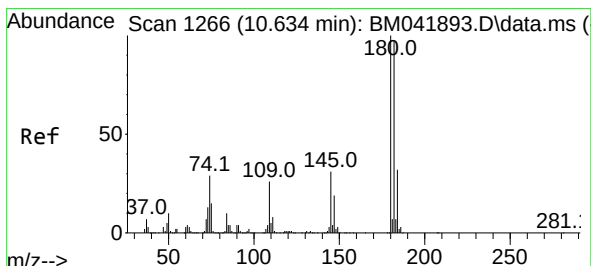
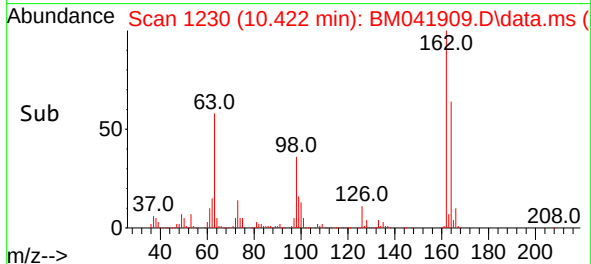
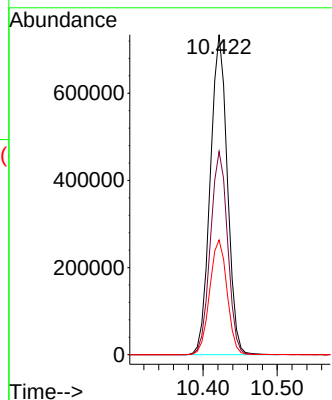
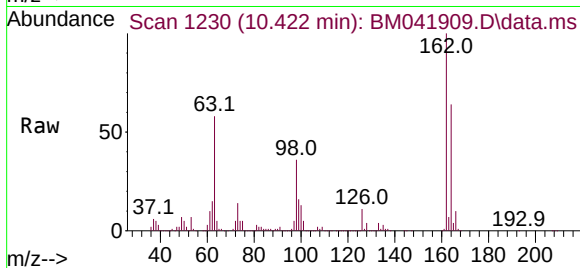
Tgt Ion:162 Resp: 1177104

Ion Ratio Lower Upper

162 100

164 63.5 45.2 85.2

98 35.8 16.7 56.7



#30

1,2,4-Trichlorobenzene

Concen: 53.163 ng

RT: 10.633 min Scan# 1266

Delta R.T. -0.000 min

Lab File: BM041909.D

Acq: 19 Sep 2023 17:44

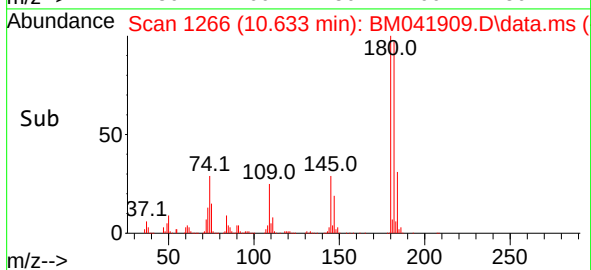
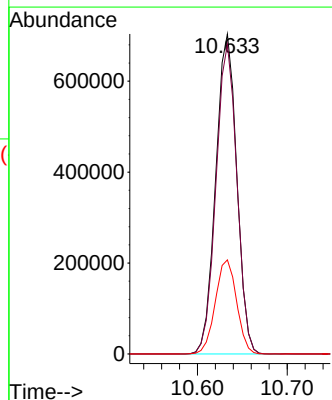
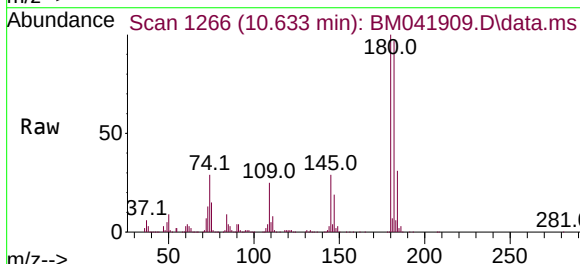
Tgt Ion:180 Resp: 1145161

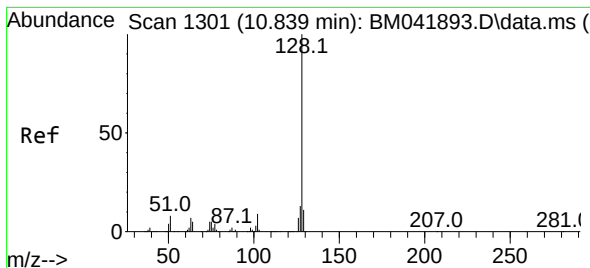
Ion Ratio Lower Upper

180 100

182 96.8 77.7 116.5

145 29.4 24.6 37.0





#31

Naphthalene

Concen: 50.800 ng

RT: 10.833 min Scan# 11

Delta R.T. -0.006 min

Lab File: BM041909.D

Acq: 19 Sep 2023 17:44

Instrument :

BNA_M

ClientSampleId :

PB155456BSD

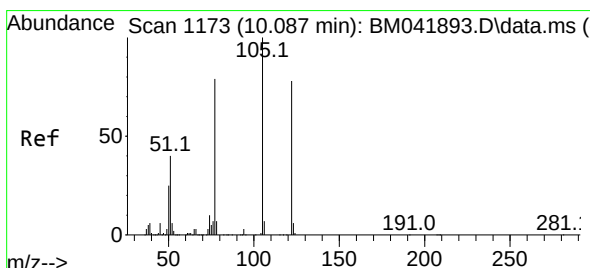
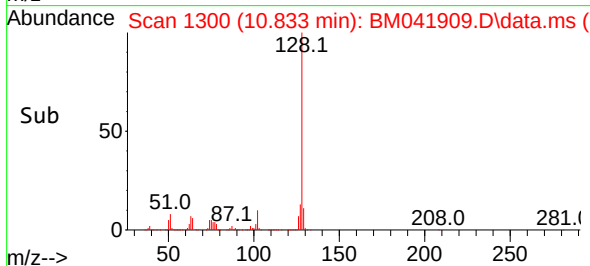
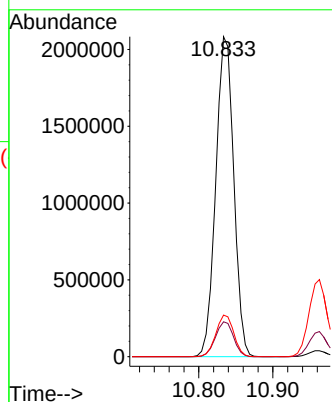
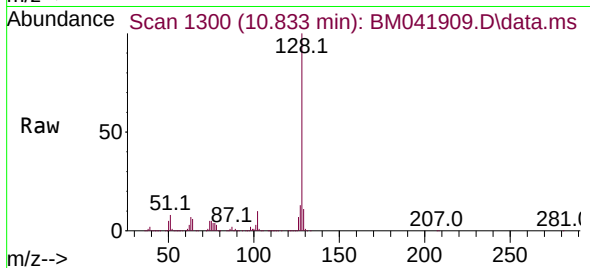
Tgt Ion:128 Resp: 3511140

Ion Ratio Lower Upper

128 100

129 10.9 8.7 13.1

127 13.0 10.4 15.6



#32

Benzoic acid

Concen: 53.375 ng

RT: 10.104 min Scan# 1176

Delta R.T. 0.017 min

Lab File: BM041909.D

Acq: 19 Sep 2023 17:44

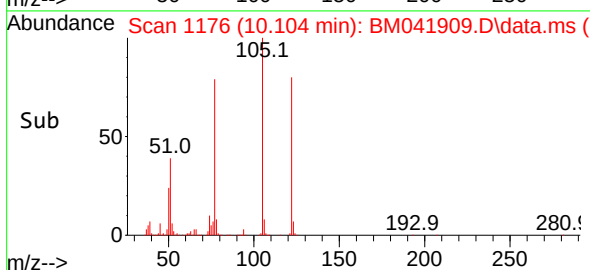
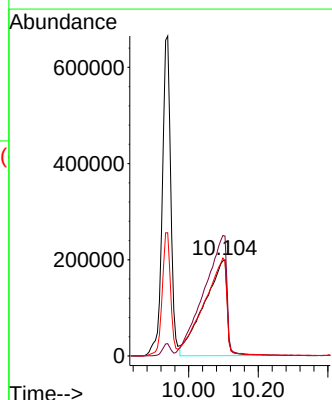
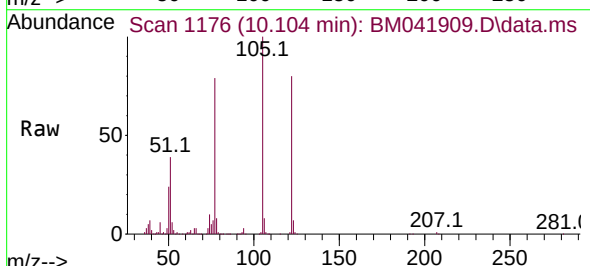
Tgt Ion:122 Resp: 911725

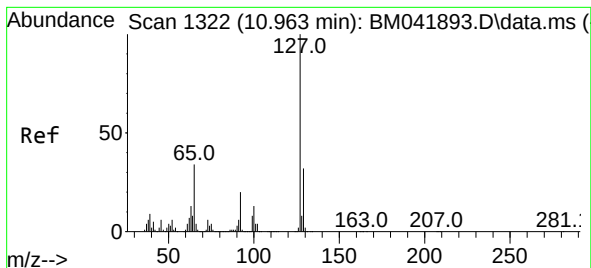
Ion Ratio Lower Upper

122 100

105 124.7 103.7 143.7

77 98.3 79.3 119.3

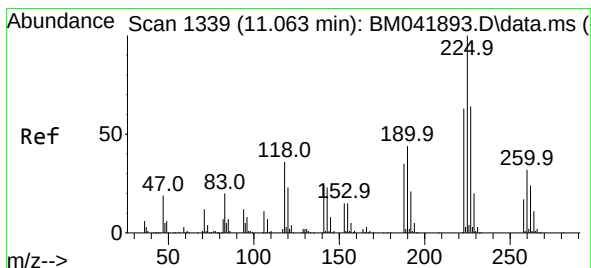
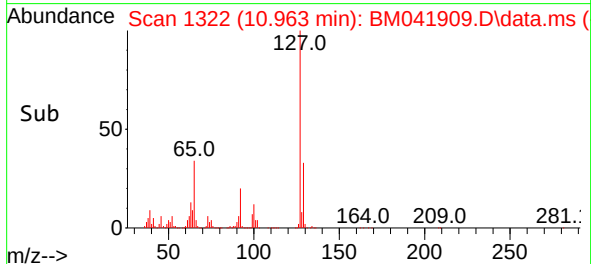
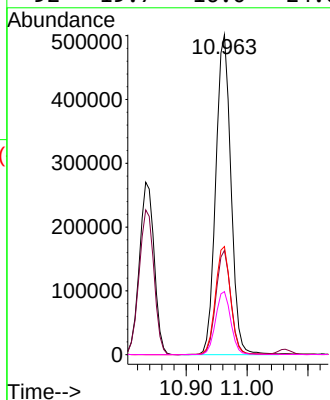
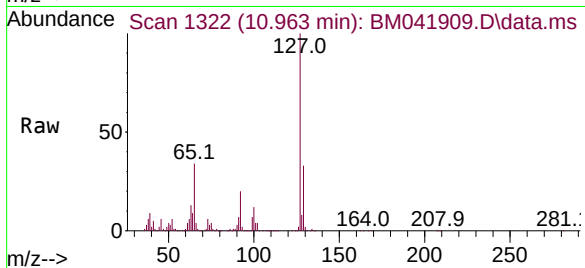




#33
4-Chloroaniline
Concen: 28.049 ng
RT: 10.963 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM041909.D
Acq: 19 Sep 2023 17:44

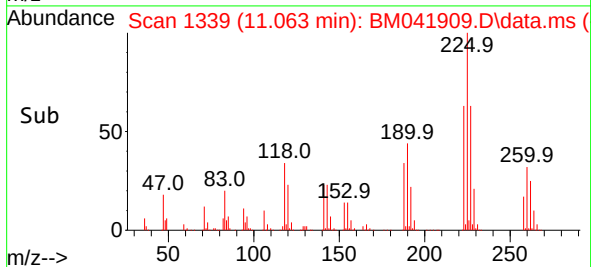
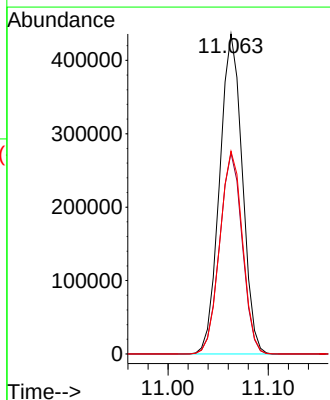
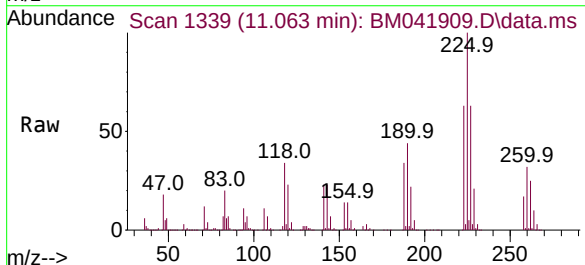
Instrument :
BNA_M
ClientSampleId :
PB155456BSD

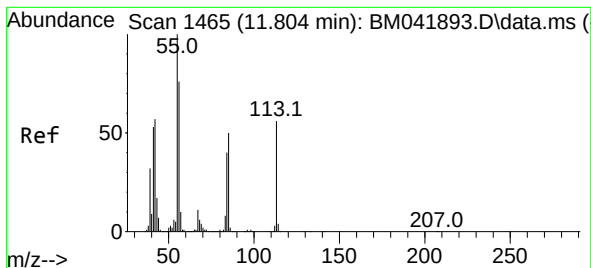
Tgt Ion:	127	Resp:	867707
Ion	Ratio	Lower	Upper
127	100		
129	32.6	25.7	38.5
65	33.8	27.3	40.9
92	19.7	16.0	24.0



#34
Hexachlorobutadiene
Concen: 52.019 ng
RT: 11.063 min Scan# 1339
Delta R.T. -0.000 min
Lab File: BM041909.D
Acq: 19 Sep 2023 17:44

Tgt Ion:	225	Resp:	684408
Ion	Ratio	Lower	Upper
225	100		
223	62.9	50.7	76.1
227	63.4	51.4	77.0

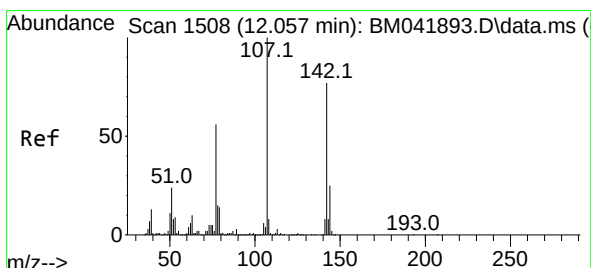
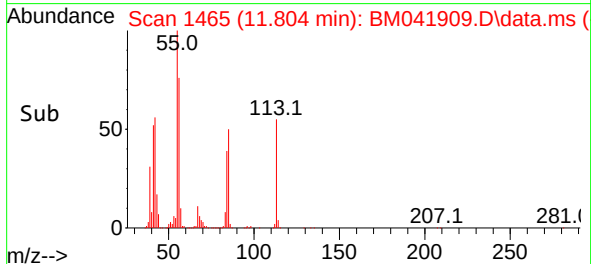
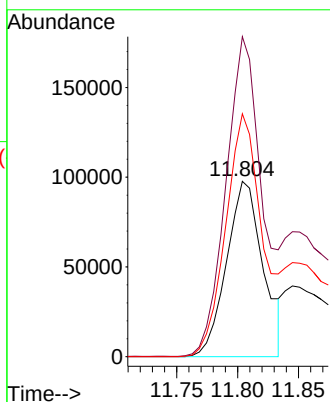
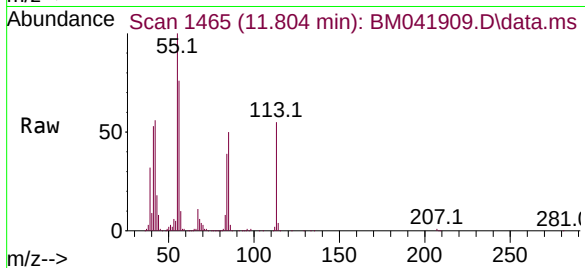




#35
Caprolactam
Concen: 27.099 ng
RT: 11.804 min Scan# 1465
Delta R.T. -0.000 min
Lab File: BM041909.D
Acq: 19 Sep 2023 17:44

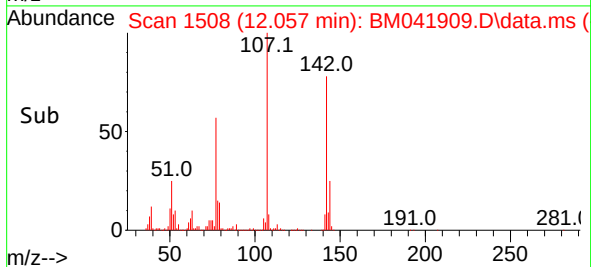
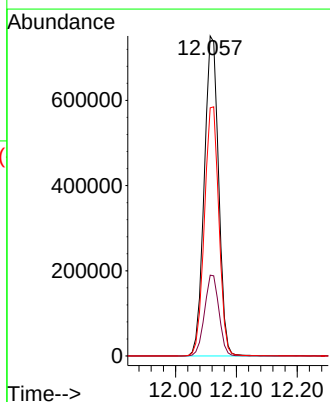
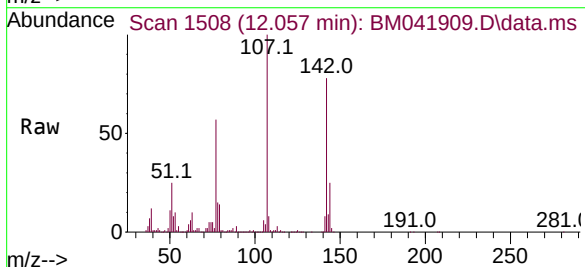
Instrument :
BNA_M
ClientSampleId :
PB155456BSD

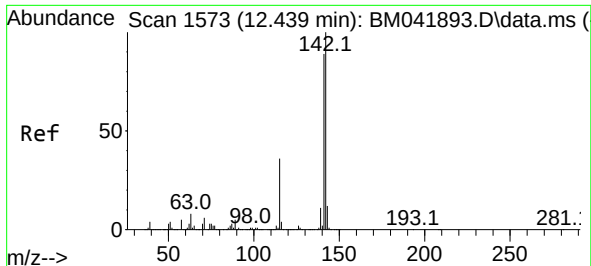
Tgt Ion:113 Resp: 203205
Ion Ratio Lower Upper
113 100
55 182.4 158.5 198.5
56 138.5 115.8 155.8



#36
4-Chloro-3-methylphenol
Concen: 52.704 ng
RT: 12.057 min Scan# 1508
Delta R.T. -0.000 min
Lab File: BM041909.D
Acq: 19 Sep 2023 17:44

Tgt Ion:107 Resp: 1232310
Ion Ratio Lower Upper
107 100
144 25.3 20.2 30.2
142 77.6 61.7 92.5

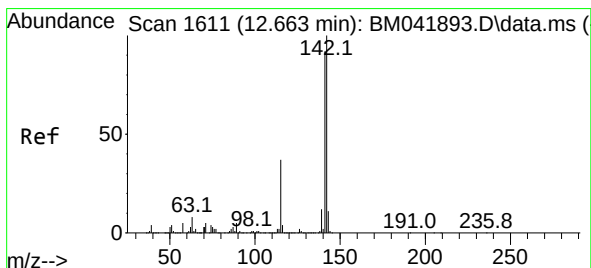
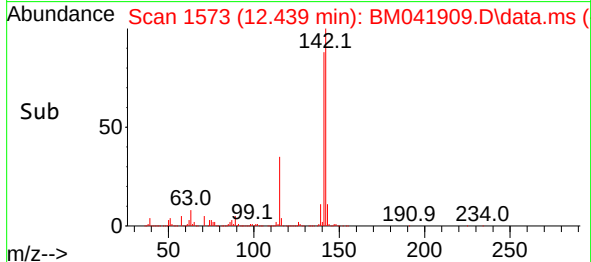
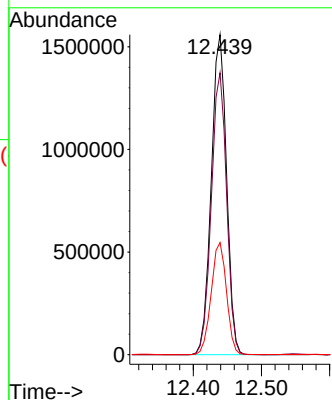
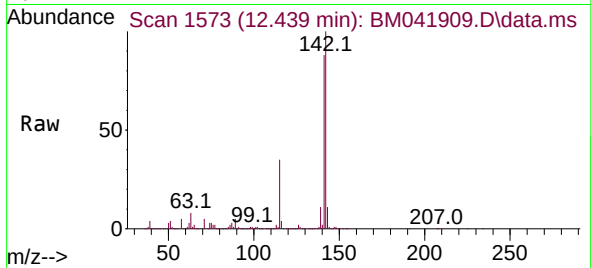




#37
2-Methylnaphthalene
Concen: 47.823 ng
RT: 12.439 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM041909.D
Acq: 19 Sep 2023 17:44

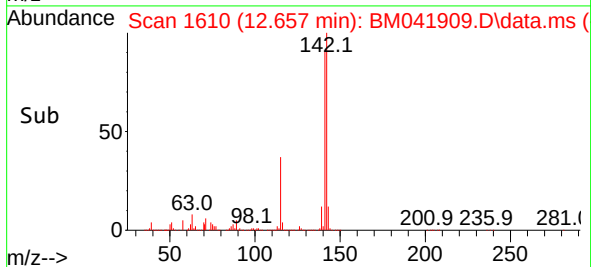
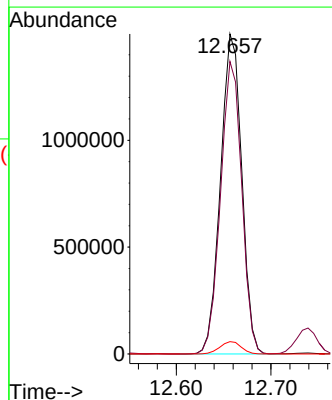
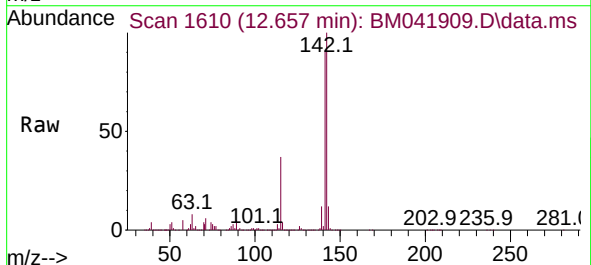
Instrument :
BNA_M
ClientSampleId :
PB155456BSD

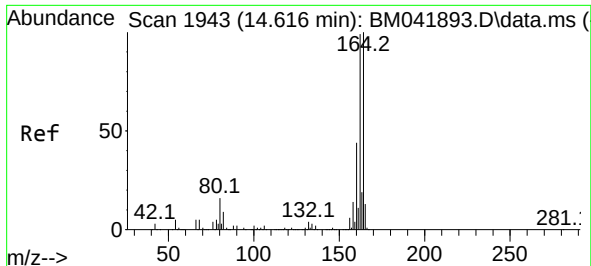
Tgt Ion:142 Resp: 2430338
Ion Ratio Lower Upper
142 100
141 88.1 70.9 106.3
115 35.0 28.5 42.7



#38
1-Methylnaphthalene
Concen: 48.876 ng
RT: 12.657 min Scan# 1610
Delta R.T. -0.006 min
Lab File: BM041909.D
Acq: 19 Sep 2023 17:44

Tgt Ion:142 Resp: 2332770
Ion Ratio Lower Upper
142 100
141 91.4 73.8 110.6
116 3.9 3.0 4.6

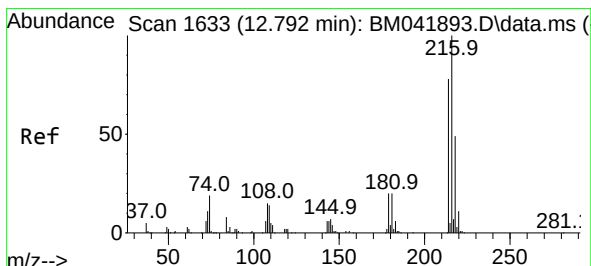
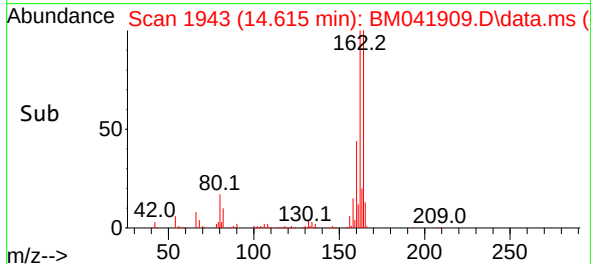
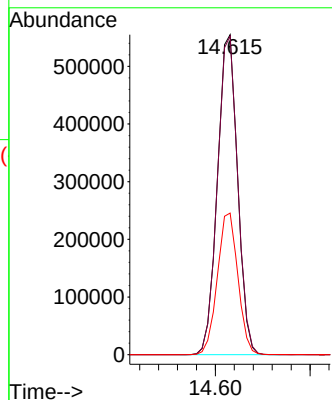
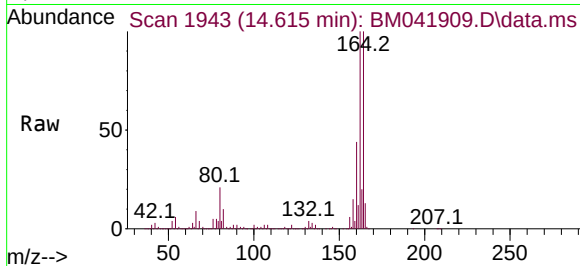




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.615 min Scan# 1943
Delta R.T. -0.001 min
Lab File: BM041909.D
Acq: 19 Sep 2023 17:44

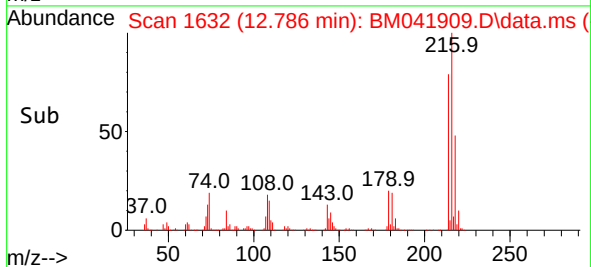
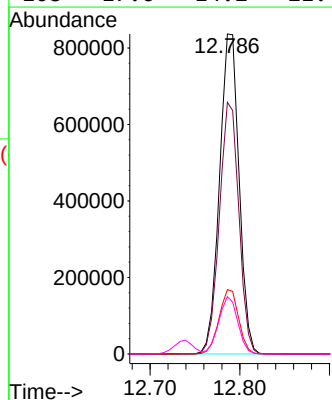
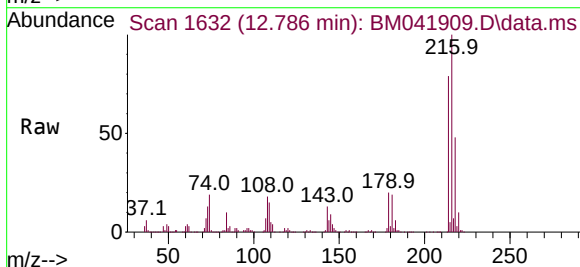
Instrument :
BNA_M
ClientSampleId :
PB155456BSD

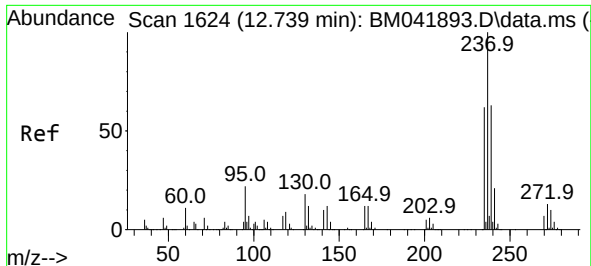
Tgt Ion:164 Resp: 819451
Ion Ratio Lower Upper
164 100
162 99.5 79.3 118.9
160 44.2 35.6 53.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 53.158 ng
RT: 12.786 min Scan# 1632
Delta R.T. -0.006 min
Lab File: BM041909.D
Acq: 19 Sep 2023 17:44

Tgt Ion:216 Resp: 1263296
Ion Ratio Lower Upper
216 100
214 78.3 62.6 93.8
179 20.2 16.3 24.5
108 17.6 14.2 21.4

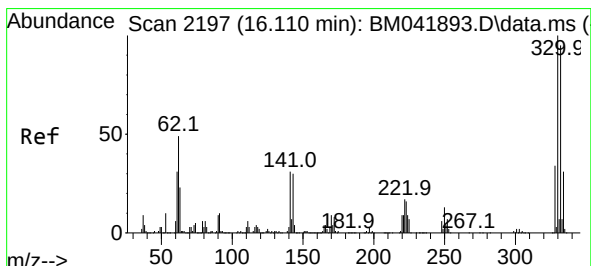
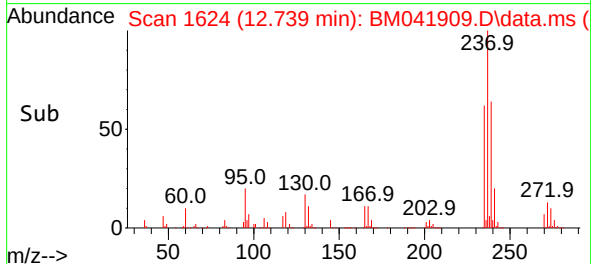
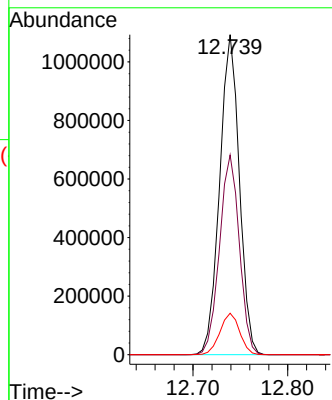
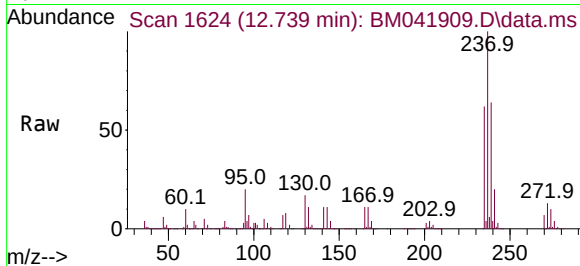




#41
Hexachlorocyclopentadiene
Concen: 118.130 ng
RT: 12.739 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM041909.D
Acq: 19 Sep 2023 17:44

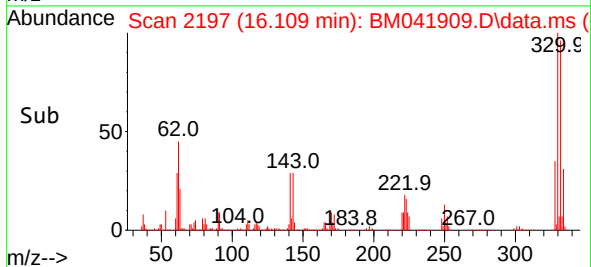
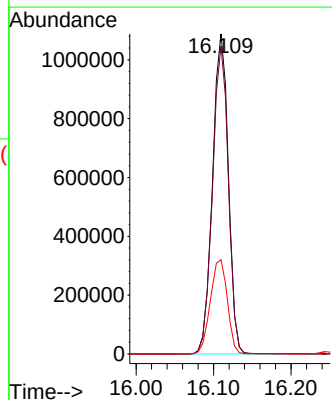
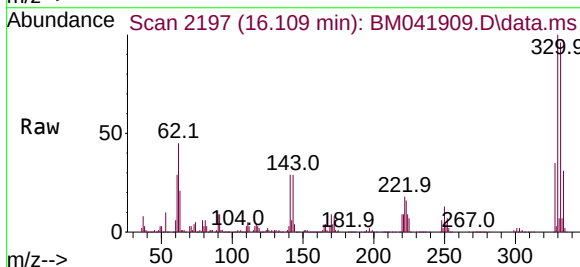
Instrument :
BNA_M
ClientSampleId :
PB155456BSD

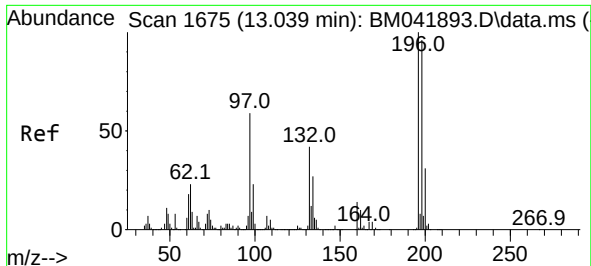
Tgt Ion:237 Resp: 1578531
Ion Ratio Lower Upper
237 100
235 62.4 42.0 82.0
272 13.0 0.0 32.9



#42
2,4,6-Tribromophenol
Concen: 150.636 ng
RT: 16.109 min Scan# 2197
Delta R.T. -0.000 min
Lab File: BM041909.D
Acq: 19 Sep 2023 17:44

Tgt Ion:330 Resp: 1540150
Ion Ratio Lower Upper
330 100
332 96.1 77.8 116.6
141 31.7 27.0 40.4

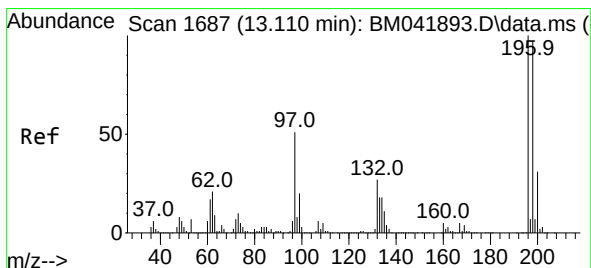
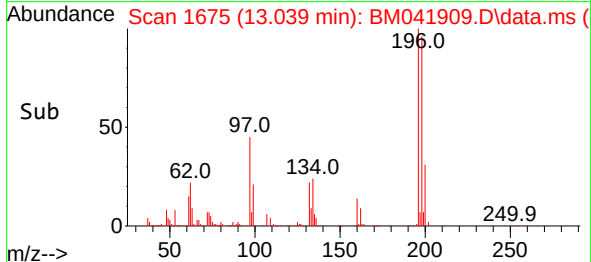
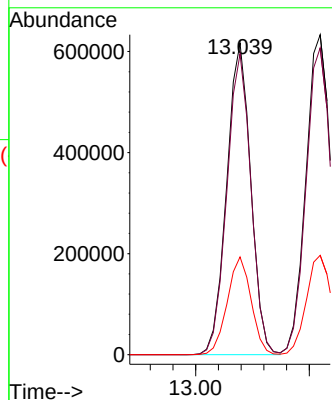
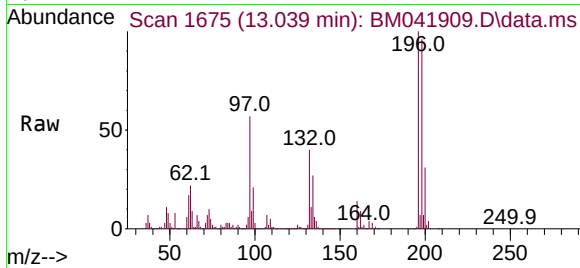




#43
2,4,6-Trichlorophenol
Concen: 56.120 ng
RT: 13.039 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM041909.D
Acq: 19 Sep 2023 17:44

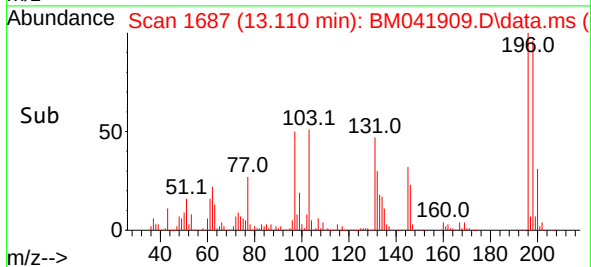
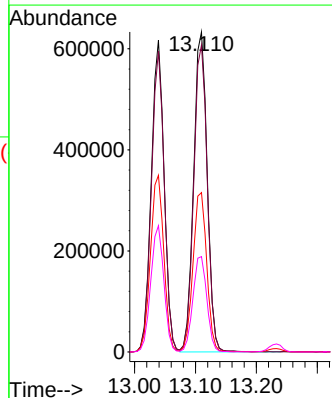
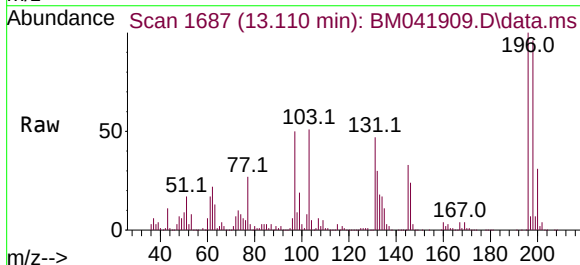
Instrument :
BNA_M
ClientSampleId :
PB155456BSD

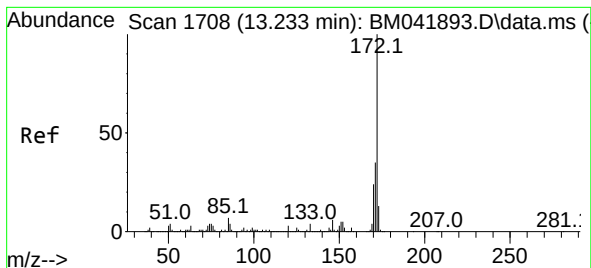
Tgt Ion:196 Resp: 907631
Ion Ratio Lower Upper
196 100
198 96.5 76.9 115.3
200 31.4 24.7 37.1



#44
2,4,5-Trichlorophenol
Concen: 51.766 ng
RT: 13.110 min Scan# 1687
Delta R.T. -0.000 min
Lab File: BM041909.D
Acq: 19 Sep 2023 17:44

Tgt Ion:196 Resp: 979813
Ion Ratio Lower Upper
196 100
198 95.9 77.2 115.8
97 49.8 41.1 61.7
132 29.8 21.8 32.6





#45

2-Fluorobiphenyl

Concen: 98.206 ng

RT: 13.233 min Scan# 1708

Delta R.T. -0.000 min

Lab File: BM041909.D

Acq: 19 Sep 2023 17:44

Instrument :

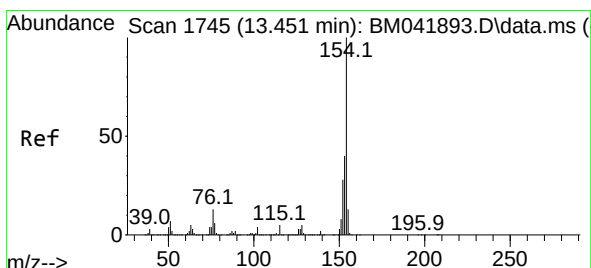
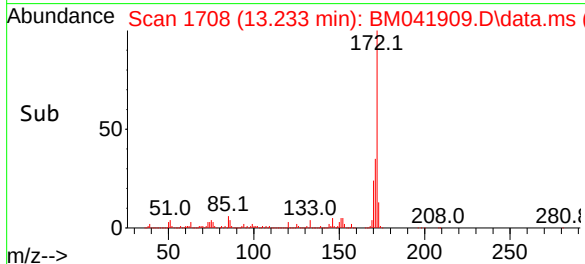
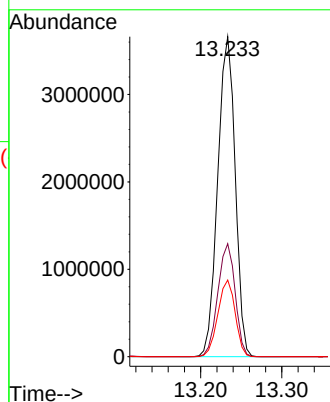
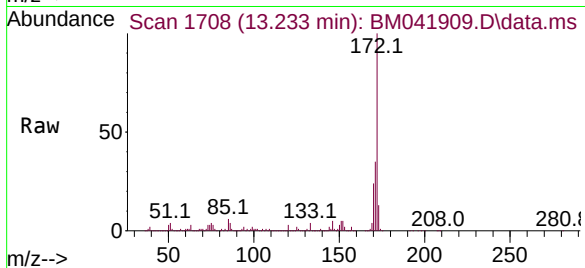
BNA_M

ClientSampleId :

PB155456BSD

Tgt Ion:172 Resp: 5482794

Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.2	42.4
170	24.0	19.1	28.7



#46

1,1'-Biphenyl

Concen: 51.951 ng

RT: 13.445 min Scan# 1744

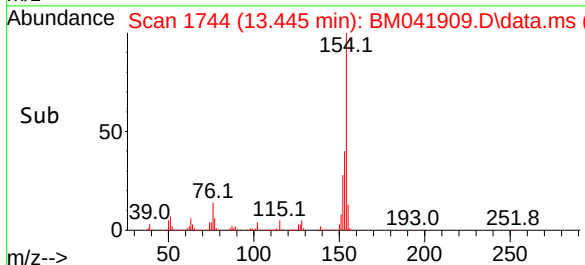
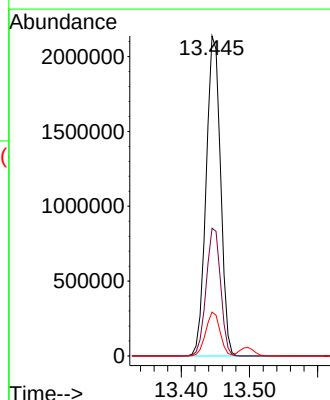
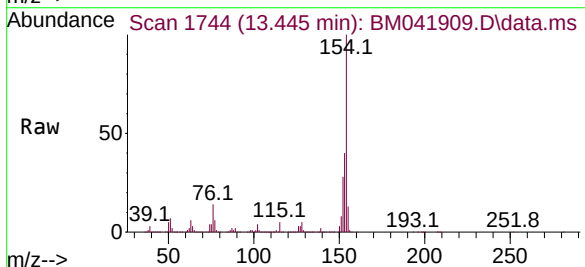
Delta R.T. -0.006 min

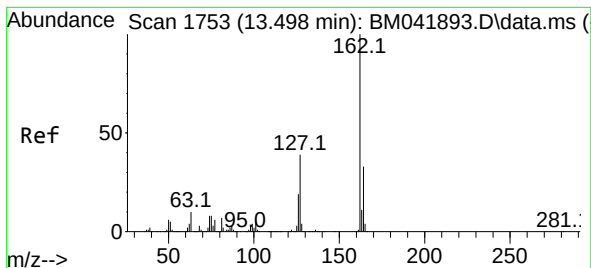
Lab File: BM041909.D

Acq: 19 Sep 2023 17:44

Tgt Ion:154 Resp: 3140990

Ion	Ratio	Lower	Upper
154	100		
153	39.9	19.9	59.9
76	13.7	0.0	33.1





#47

2-Chloronaphthalene

Concen: 54.597 ng

RT: 13.498 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM041909.D

Acq: 19 Sep 2023 17:44

Instrument :

BNA_M

ClientSampleId :

PB155456BSD

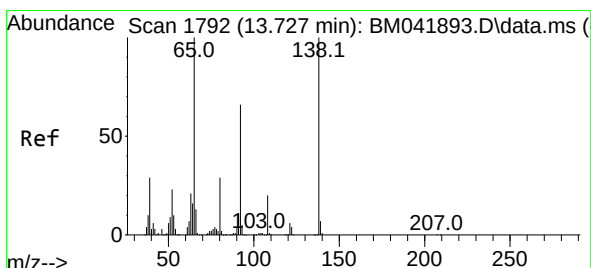
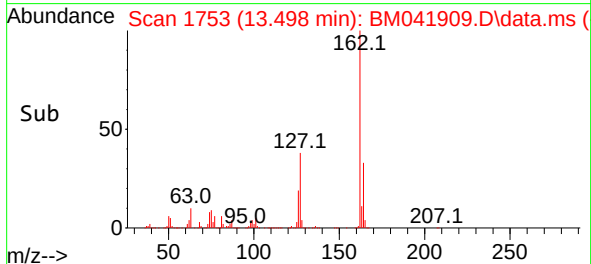
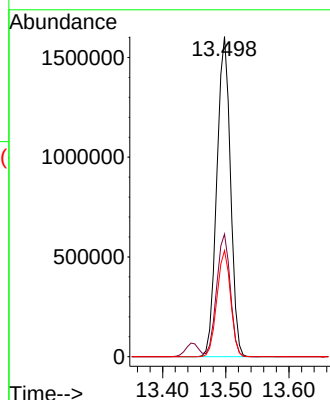
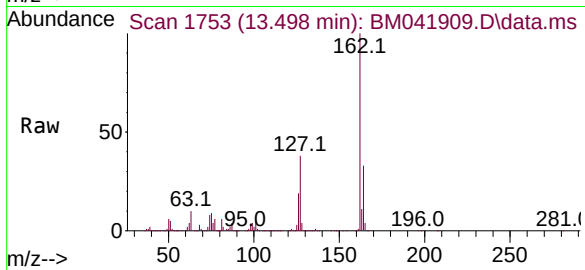
Tgt Ion:162 Resp: 2403945

Ion Ratio Lower Upper

162 100

127 38.3 31.0 46.4

164 33.1 26.1 39.1



#48

2-Nitroaniline

Concen: 52.471 ng

RT: 13.727 min Scan# 1792

Delta R.T. -0.000 min

Lab File: BM041909.D

Acq: 19 Sep 2023 17:44

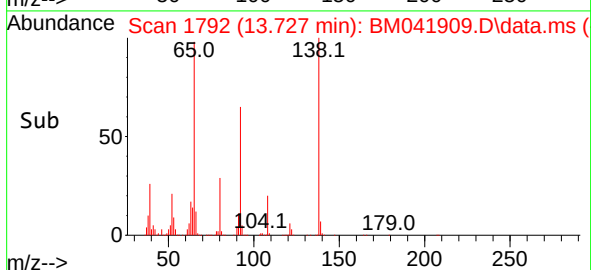
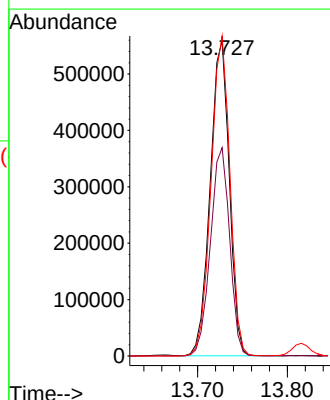
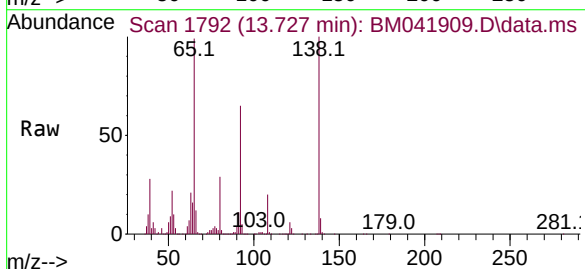
Tgt Ion: 65 Resp: 825535

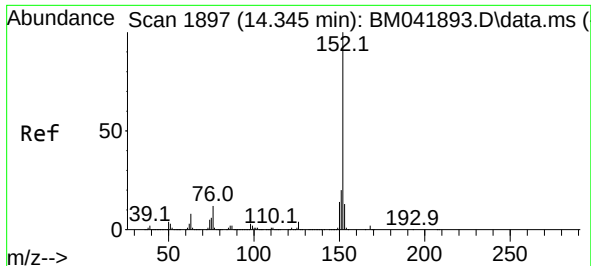
Ion Ratio Lower Upper

65 100

92 66.0 52.8 79.2

138 101.5 80.3 120.5

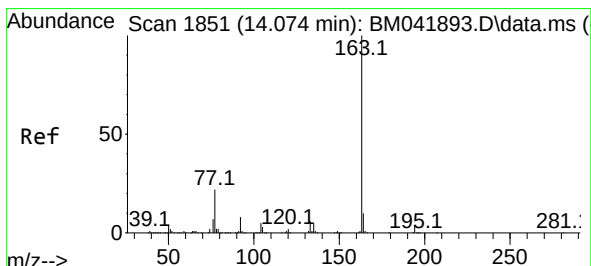
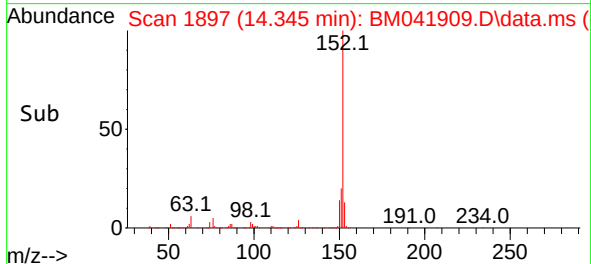
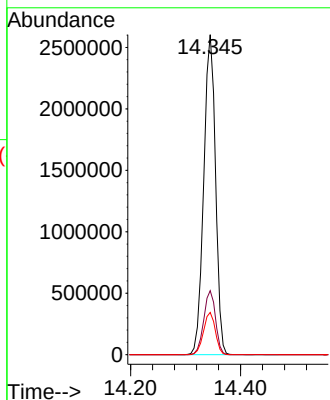
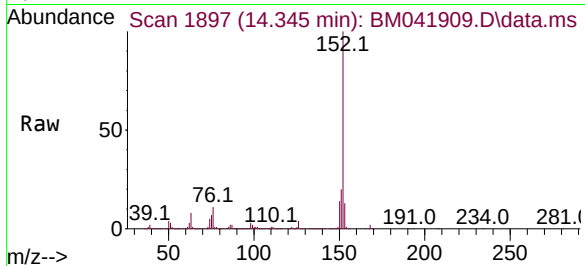




#49
Acenaphthylene
Concen: 52.868 ng
RT: 14.345 min Scan# 1897
Delta R.T. -0.000 min
Lab File: BM041909.D
Acq: 19 Sep 2023 17:44

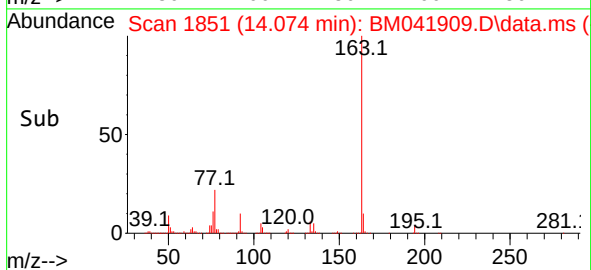
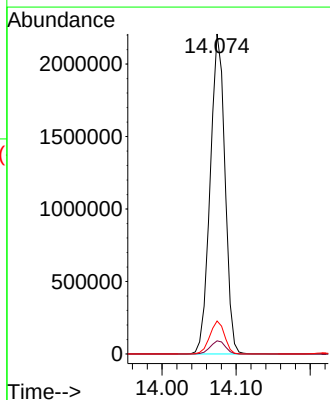
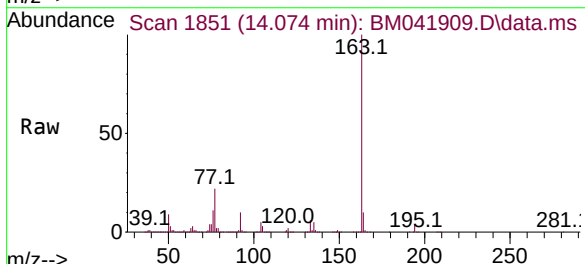
Instrument :
BNA_M
ClientSampleId :
PB155456BSD

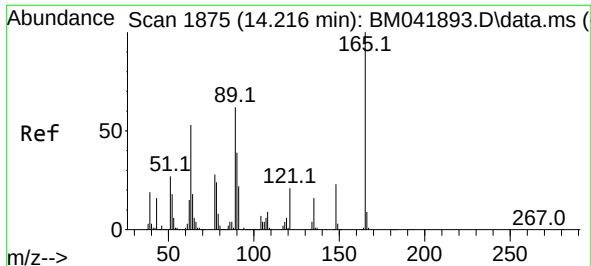
Tgt Ion:152 Resp: 3863115
Ion Ratio Lower Upper
152 100
151 20.0 15.8 23.8
153 13.2 10.5 15.7



#50
Dimethylphthalate
Concen: 50.511 ng
RT: 14.074 min Scan# 1851
Delta R.T. -0.000 min
Lab File: BM041909.D
Acq: 19 Sep 2023 17:44

Tgt Ion:163 Resp: 3060011
Ion Ratio Lower Upper
163 100
194 4.1 3.4 5.0
164 10.3 8.2 12.4

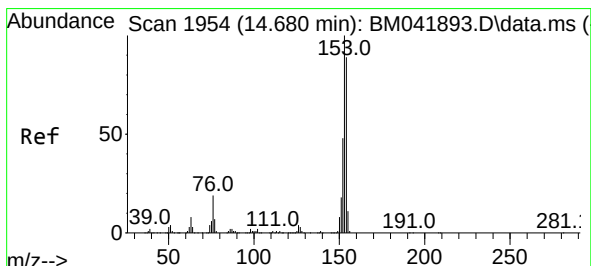
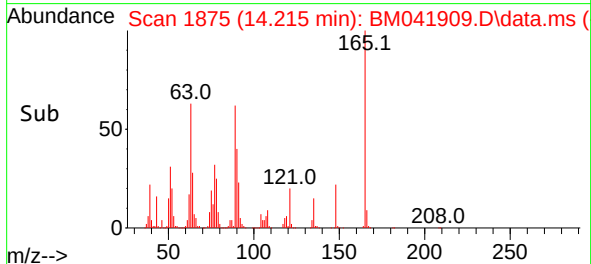
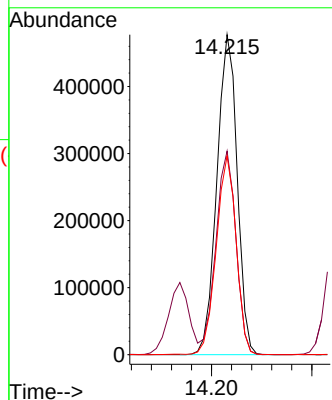
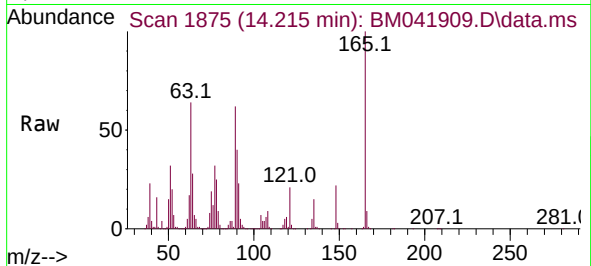




#51
2,6-Dinitrotoluene
Concen: 52.164 ng
RT: 14.215 min Scan# 1875
Delta R.T. -0.000 min
Lab File: BM041909.D
Acq: 19 Sep 2023 17:44

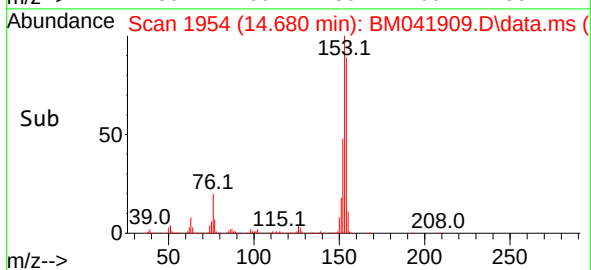
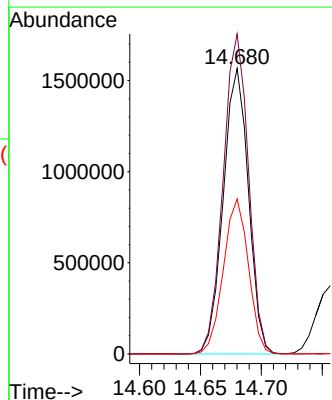
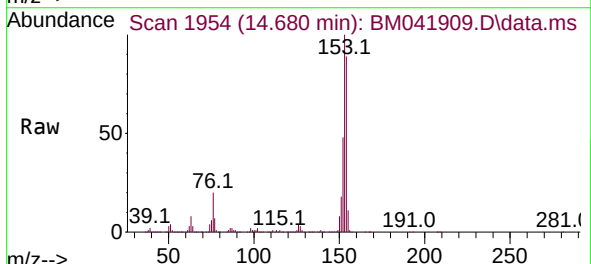
Instrument :
BNA_M
ClientSampleId :
PB155456BSD

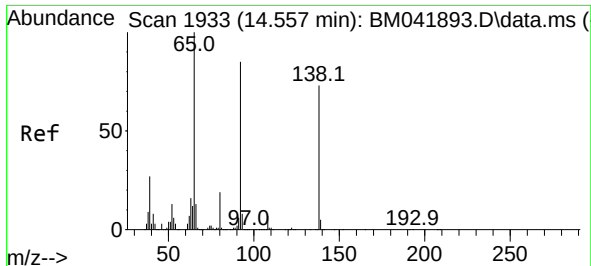
Tgt Ion:165 Resp: 669699
Ion Ratio Lower Upper
165 100
63 63.6 50.2 75.2
89 62.1 49.3 73.9



#52
Acenaphthene
Concen: 51.304 ng
RT: 14.680 min Scan# 1954
Delta R.T. -0.000 min
Lab File: BM041909.D
Acq: 19 Sep 2023 17:44

Tgt Ion:154 Resp: 2254793
Ion Ratio Lower Upper
154 100
153 112.1 90.3 135.5
152 54.2 43.4 65.2

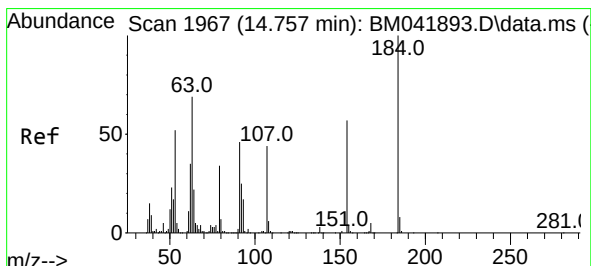
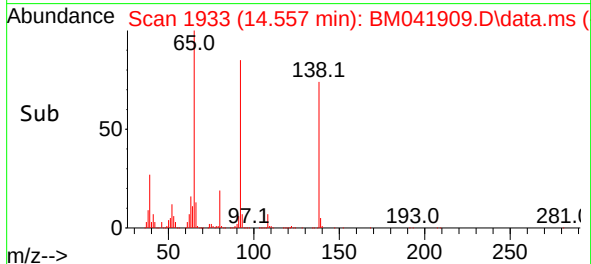
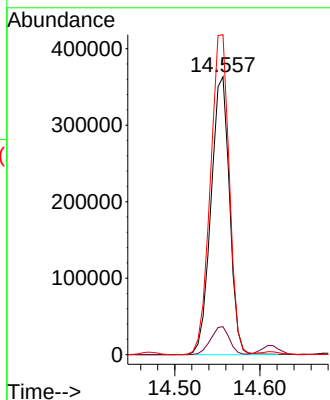
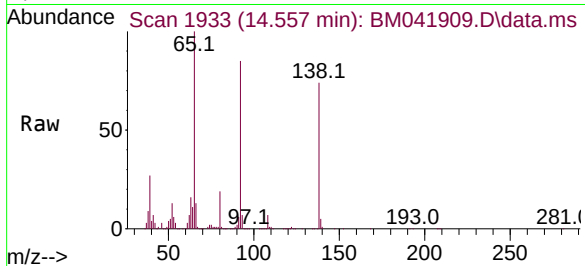




#53
3-Nitroaniline
Concen: 38.219 ng
RT: 14.557 min Scan# 1933
Delta R.T. -0.000 min
Lab File: BM041909.D
Acq: 19 Sep 2023 17:44

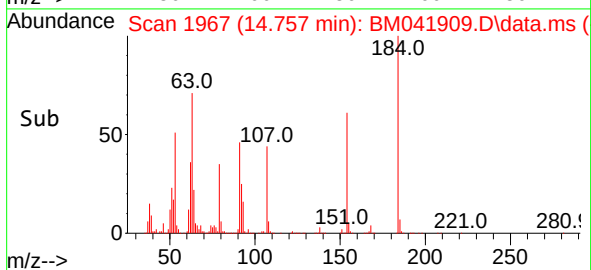
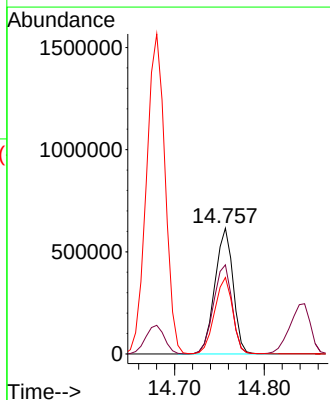
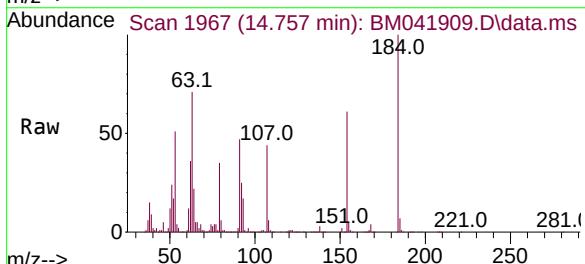
Instrument :
BNA_M
ClientSampleId :
PB155456BSD

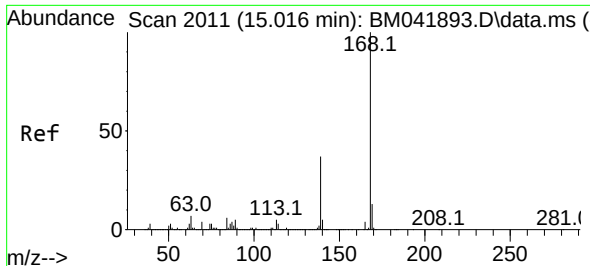
Tgt Ion:138 Resp: 549189
Ion Ratio Lower Upper
138 100
108 10.1 8.0 12.0
92 115.1 93.6 140.4



#54
2,4-Dinitrophenol
Concen: 108.187 ng
RT: 14.757 min Scan# 1967
Delta R.T. -0.000 min
Lab File: BM041909.D
Acq: 19 Sep 2023 17:44

Tgt Ion:184 Resp: 867450
Ion Ratio Lower Upper
184 100
63 70.9 55.8 83.8
154 60.9 48.9 73.3

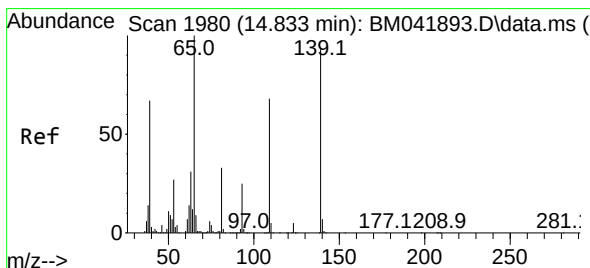
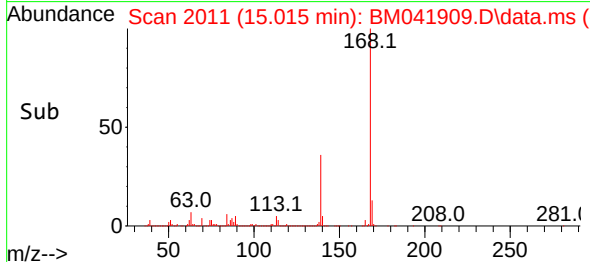
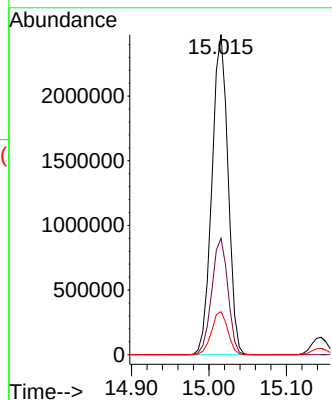
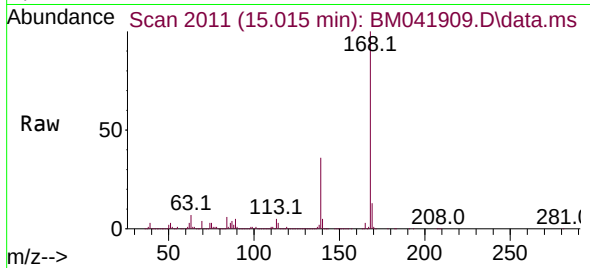




#55
Dibenzofuran
Concen: 50.246 ng
RT: 15.015 min Scan# 2011
Delta R.T. -0.000 min
Lab File: BM041909.D
Acq: 19 Sep 2023 17:44

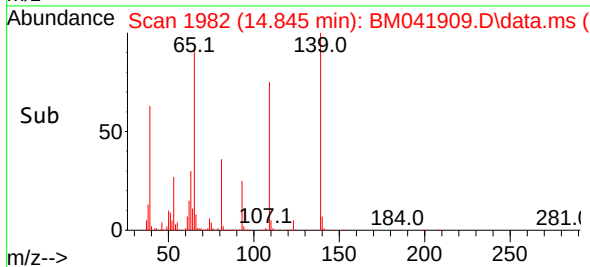
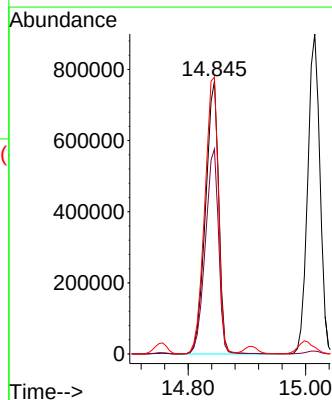
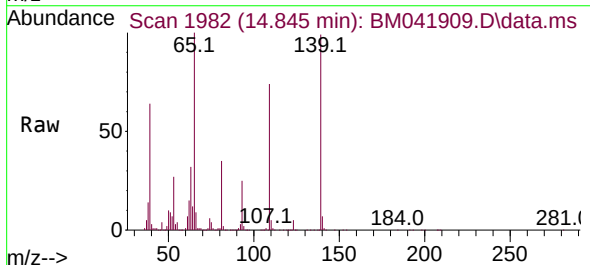
Instrument :
BNA_M
ClientSampleId :
PB155456BSD

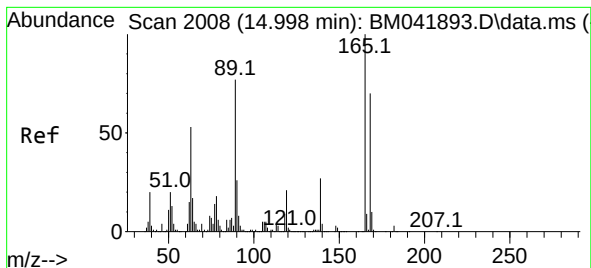
Tgt Ion:168 Resp: 3564641
Ion Ratio Lower Upper
168 100
139 36.4 29.4 44.2
169 13.4 10.8 16.2



#56
4-Nitrophenol
Concen: 104.755 ng
RT: 14.845 min Scan# 1982
Delta R.T. 0.012 min
Lab File: BM041909.D
Acq: 19 Sep 2023 17:44

Tgt Ion:139 Resp: 1193833
Ion Ratio Lower Upper
139 100
109 75.2 53.4 93.4
65 101.5 87.4 127.4



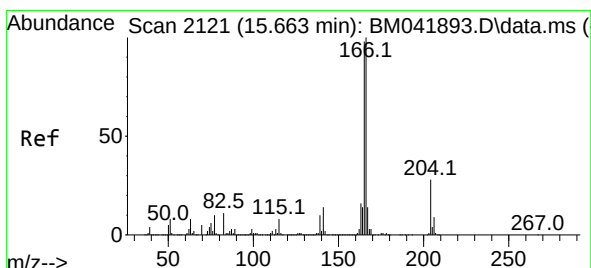
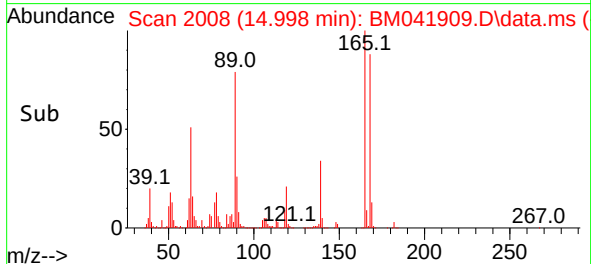
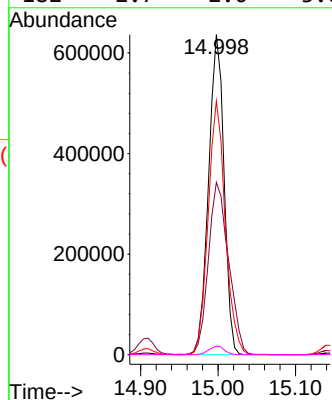
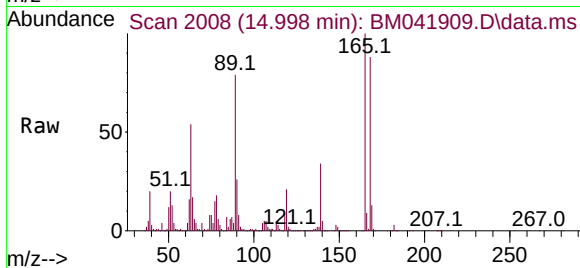


#57
2,4-Dinitrotoluene
Concen: 51.939 ng
RT: 14.998 min Scan# 2008
Delta R.T. -0.000 min
Lab File: BM041909.D
Acq: 19 Sep 2023 17:44

Instrument :
BNA_M
ClientSampleId :
PB155456BSD

Tgt Ion:165 Resp: 882214

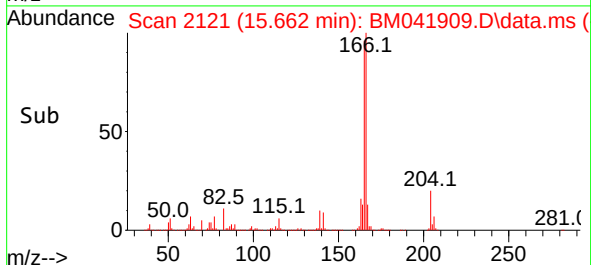
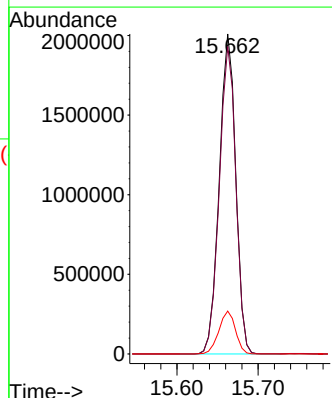
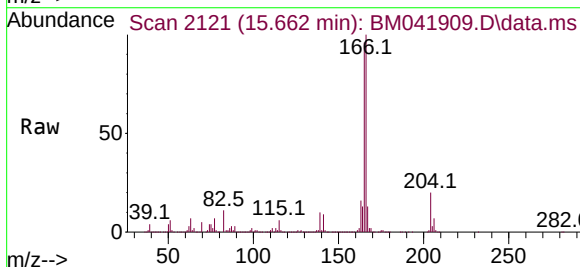
Ion	Ratio	Lower	Upper
165	100		
63	53.8	42.3	63.5
89	79.3	61.8	92.6
182	2.7	2.0	3.0

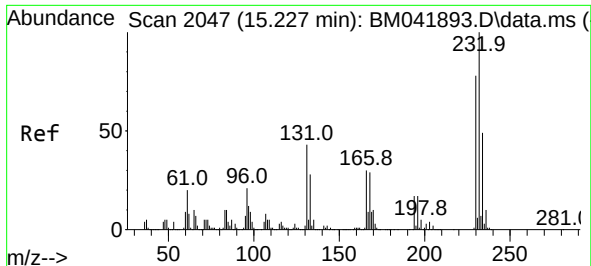


#58
Fluorene
Concen: 50.715 ng
RT: 15.662 min Scan# 2121
Delta R.T. -0.000 min
Lab File: BM041909.D
Acq: 19 Sep 2023 17:44

Tgt Ion:166 Resp: 2836539

Ion	Ratio	Lower	Upper
166	100		
165	96.1	78.2	117.2
167	13.4	11.0	16.6

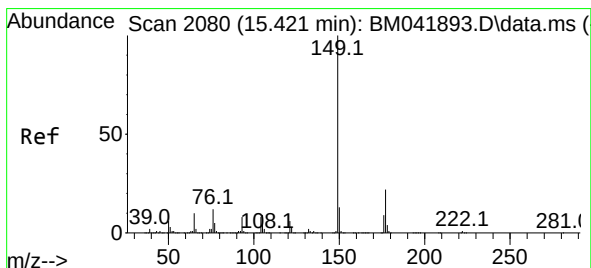
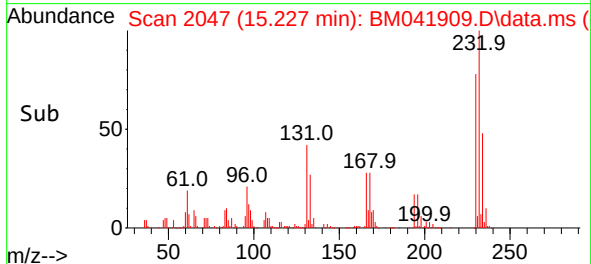
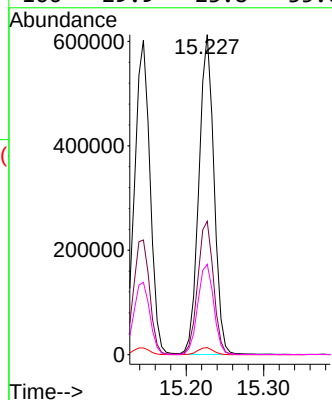
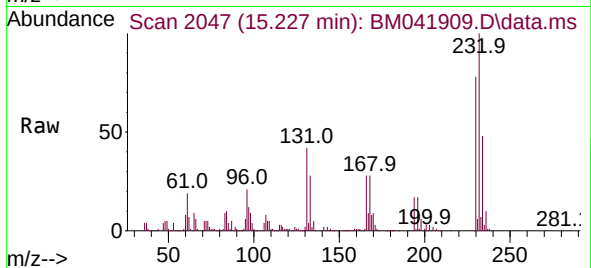




#59
2,3,4,6-Tetrachlorophenol
Concen: 53.338 ng
RT: 15.227 min Scan# 2047
Delta R.T. -0.000 min
Lab File: BM041909.D
Acq: 19 Sep 2023 17:44

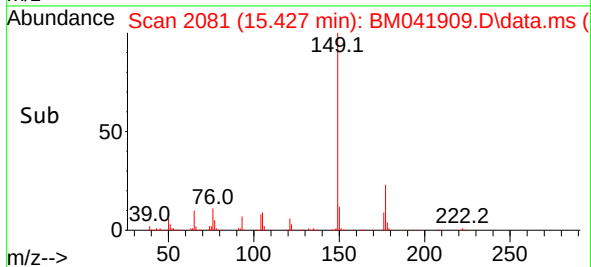
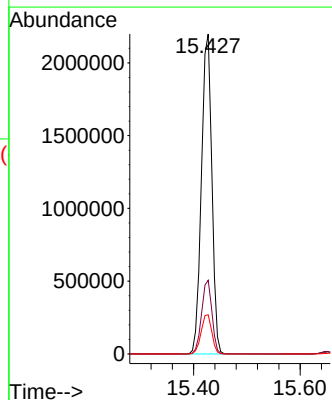
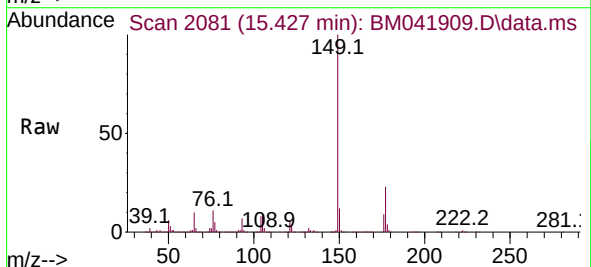
Instrument :
BNA_M
ClientSampleId :
PB155456BSD

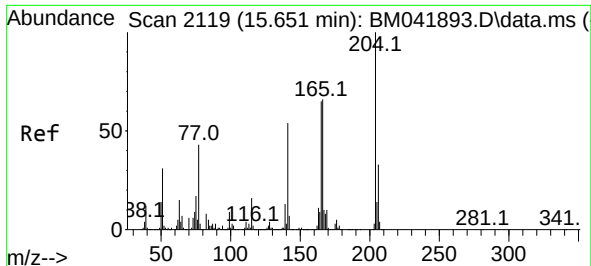
Tgt Ion:	232	Resp:	828656
Ion	Ratio	Lower	Upper
232	100		
131	43.4	34.6	51.8
130	2.3	1.8	2.8
166	29.9	23.8	35.6



#60
Diethylphthalate
Concen: 49.374 ng
RT: 15.427 min Scan# 2081
Delta R.T. 0.006 min
Lab File: BM041909.D
Acq: 19 Sep 2023 17:44

Tgt Ion:	149	Resp:	2975356
Ion	Ratio	Lower	Upper
149	100		
177	23.0	17.9	26.9
150	12.2	10.1	15.1

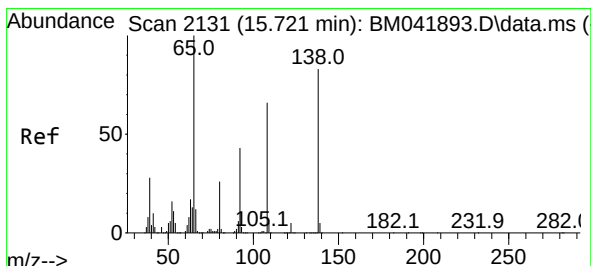
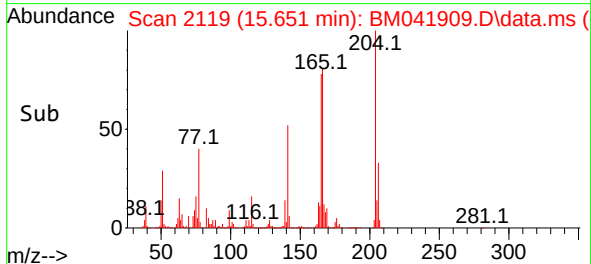
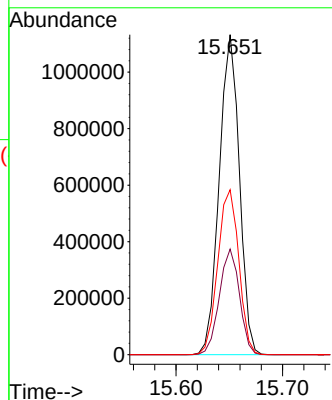
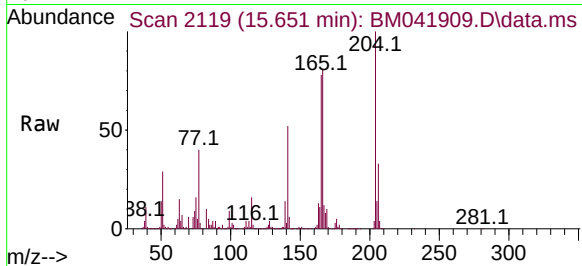




#61
4-Chlorophenyl-phenylether
Concen: 50.567 ng
RT: 15.651 min Scan# 2119
Delta R.T. -0.000 min
Lab File: BM041909.D
Acq: 19 Sep 2023 17:44

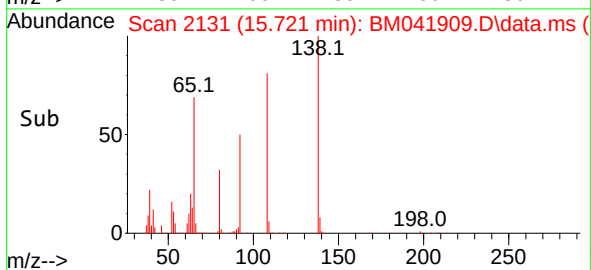
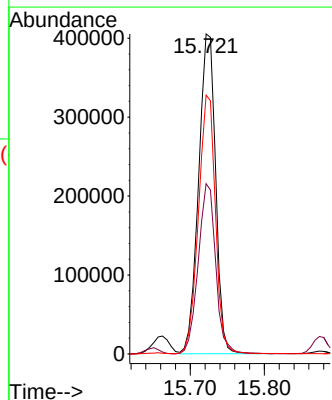
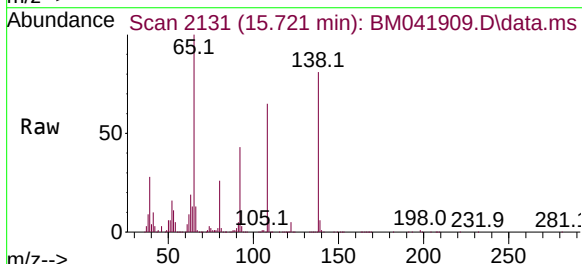
Instrument :
BNA_M
ClientSampleId :
PB155456BSD

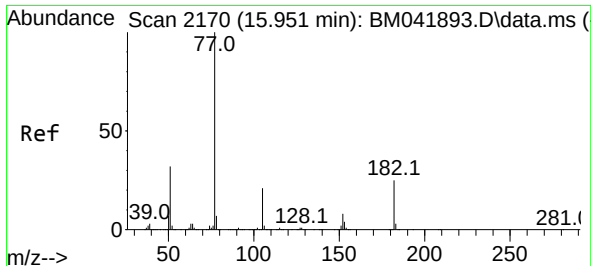
Tgt Ion:204 Resp: 1483765
Ion Ratio Lower Upper
204 100
206 33.0 26.1 39.1
141 51.6 43.6 65.4



#62
4-Nitroaniline
Concen: 46.911 ng
RT: 15.721 min Scan# 2131
Delta R.T. -0.000 min
Lab File: BM041909.D
Acq: 19 Sep 2023 17:44

Tgt Ion:138 Resp: 648223
Ion Ratio Lower Upper
138 100
92 53.2 32.3 72.3
108 80.9 59.0 99.0

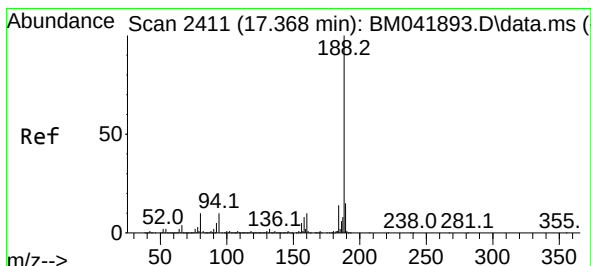
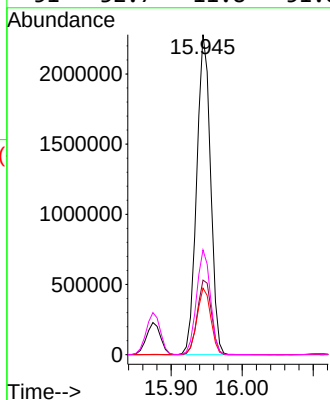
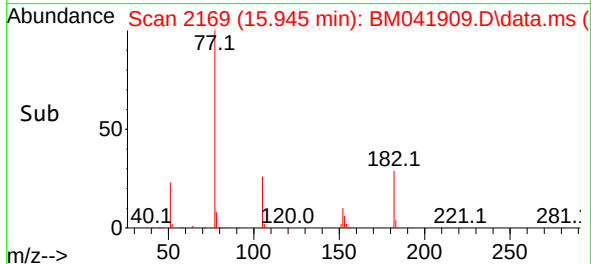
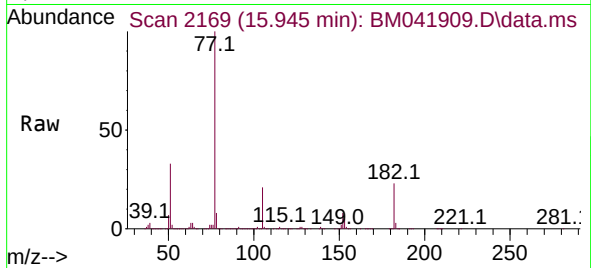




#63
Azobenzene
Concen: 50.669 ng
RT: 15.945 min Scan# 2170
Delta R.T. -0.006 min
Lab File: BM041909.D
Acq: 19 Sep 2023 17:44

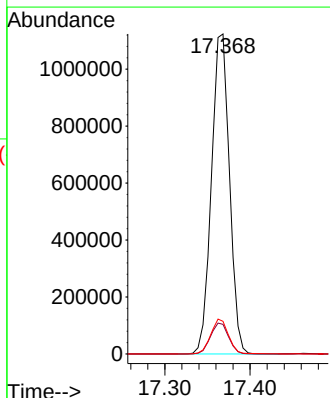
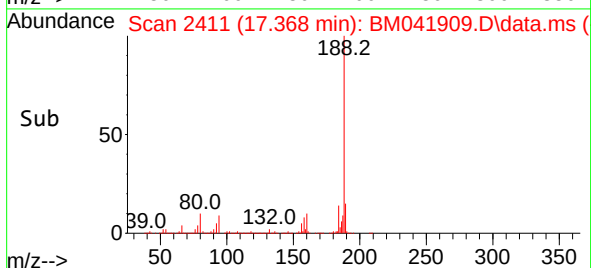
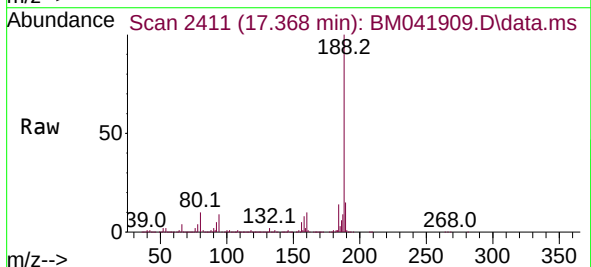
Instrument :
BNA_M
ClientSampleId :
PB155456BSD

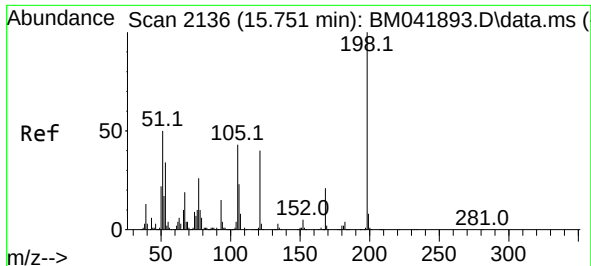
Tgt Ion: 77 Resp: 3095492
Ion Ratio Lower Upper
77 100
182 23.3 4.9 44.9
105 20.8 0.7 40.7
51 32.7 11.8 51.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.368 min Scan# 2411
Delta R.T. -0.000 min
Lab File: BM041909.D
Acq: 19 Sep 2023 17:44

Tgt Ion:188 Resp: 1648669
Ion Ratio Lower Upper
188 100
94 9.3 7.6 11.4
80 10.2 8.3 12.5

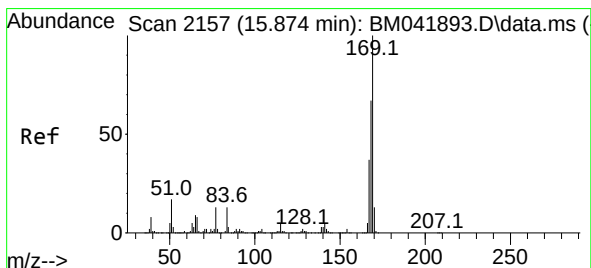
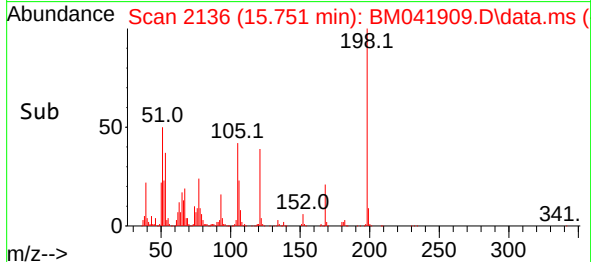
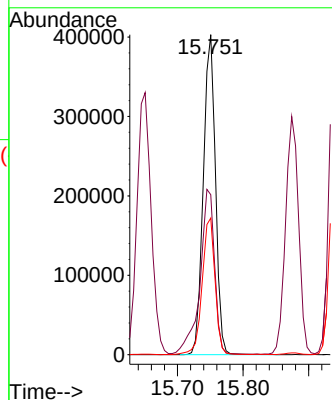
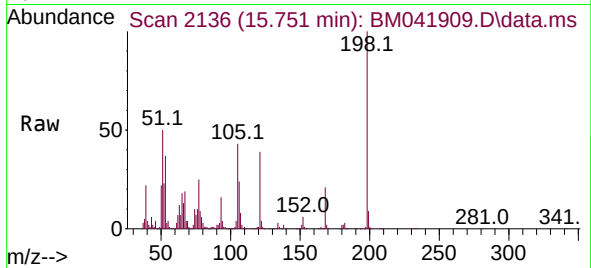




#65
4,6-Dinitro-2-methylphenol
Concen: 54.892 ng
RT: 15.751 min Scan# 2136
Delta R.T. -0.000 min
Lab File: BM041909.D
Acq: 19 Sep 2023 17:44

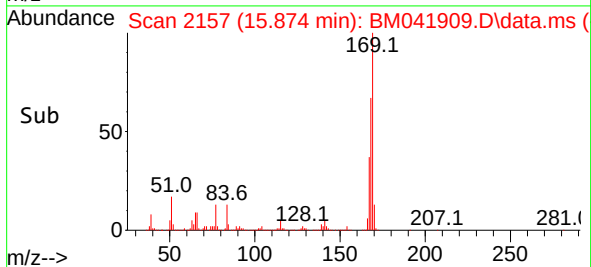
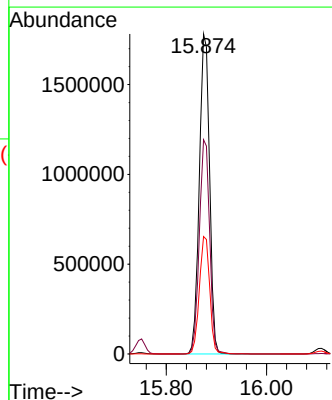
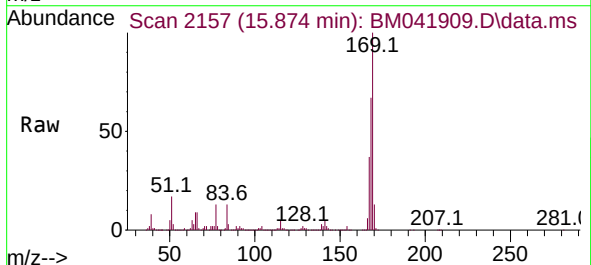
Instrument :
BNA_M
ClientSampleId :
PB155456BSD

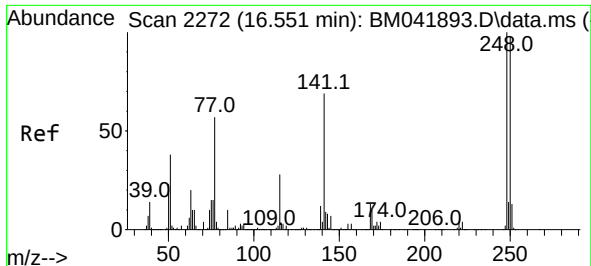
Tgt Ion:198 Resp: 519678
Ion Ratio Lower Upper
198 100
51 50.0 32.0 72.0
105 42.7 23.6 63.6



#66
n-Nitrosodiphenylamine
Concen: 53.865 ng
RT: 15.874 min Scan# 2157
Delta R.T. -0.000 min
Lab File: BM041909.D
Acq: 19 Sep 2023 17:44

Tgt Ion:169 Resp: 2508138
Ion Ratio Lower Upper
169 100
168 67.0 53.6 80.4
167 36.7 29.4 44.0

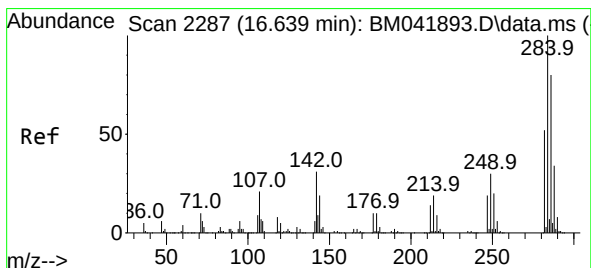
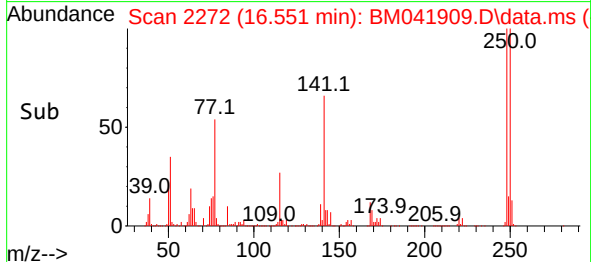
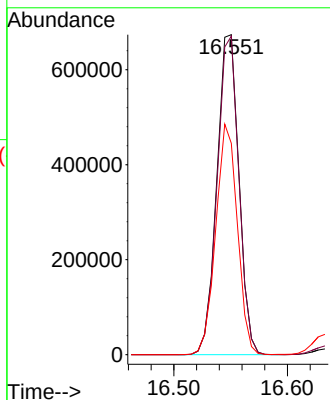
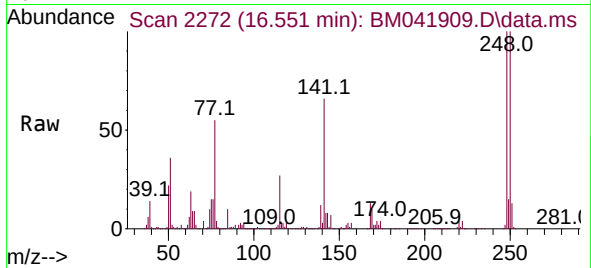




#67
4-Bromophenyl-phenylether
Concen: 53.571 ng
RT: 16.551 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM041909.D
Acq: 19 Sep 2023 17:44

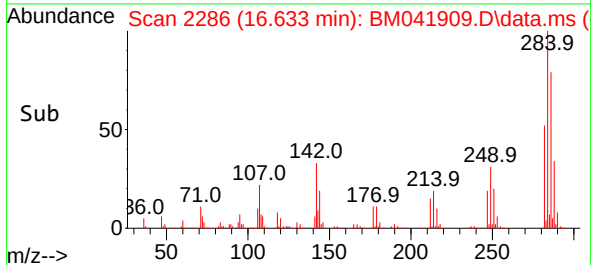
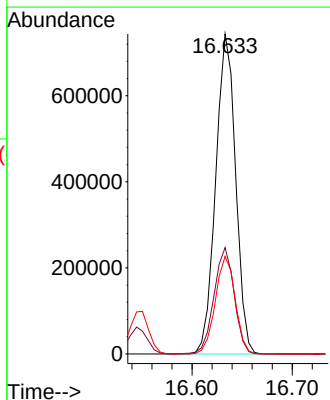
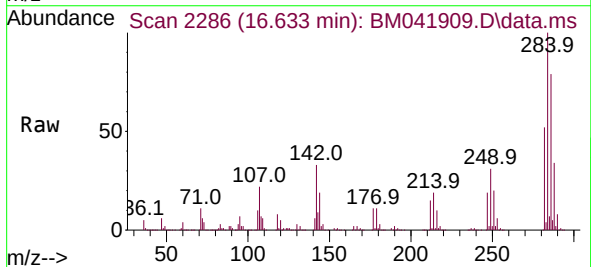
Instrument :
BNA_M
ClientSampleId :
PB155456BSD

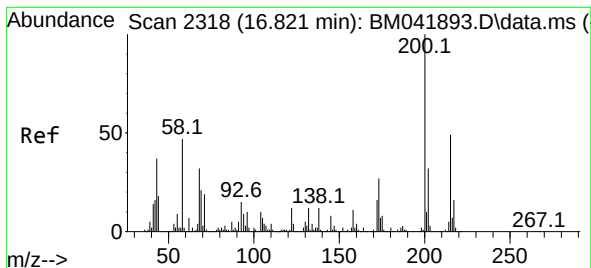
Tgt Ion:248 Resp: 910145
Ion Ratio Lower Upper
248 100
250 99.5 78.0 117.0
141 66.1 55.1 82.7



#68
Hexachlorobenzene
Concen: 56.883 ng
RT: 16.633 min Scan# 2286
Delta R.T. -0.006 min
Lab File: BM041909.D
Acq: 19 Sep 2023 17:44

Tgt Ion:284 Resp: 1023218
Ion Ratio Lower Upper
284 100
142 33.2 24.8 37.2
249 30.5 24.0 36.0





#69

Atrazine

Concen: 60.550 ng

RT: 16.821 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM041909.D

Acq: 19 Sep 2023 17:44

Instrument :

BNA_M

ClientSampleId :

PB155456BSD

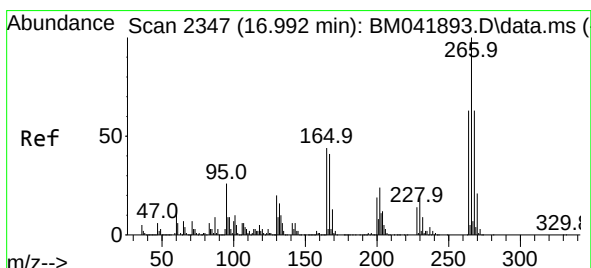
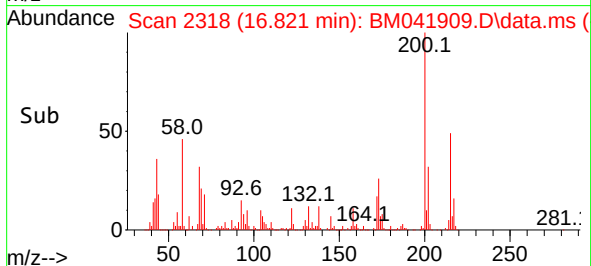
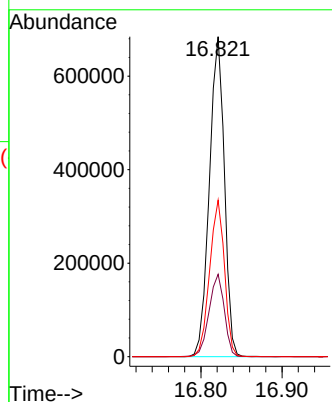
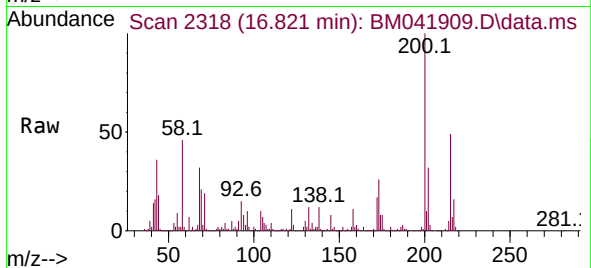
Tgt Ion:200 Resp: 879205

Ion Ratio Lower Upper

200 100

173 25.8 6.5 46.5

215 48.9 28.9 68.9



#70

Pentachlorophenol

Concen: 91.246 ng

RT: 16.992 min Scan# 2347

Delta R.T. -0.000 min

Lab File: BM041909.D

Acq: 19 Sep 2023 17:44

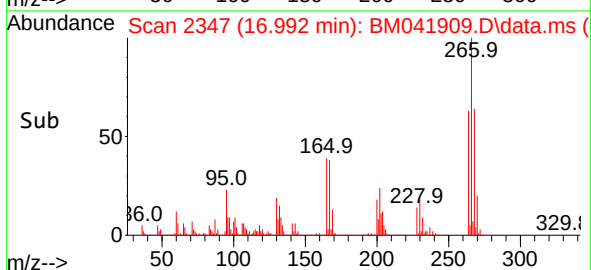
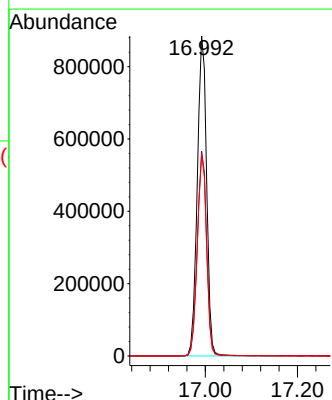
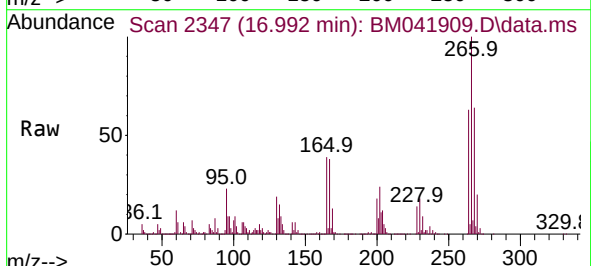
Tgt Ion:266 Resp: 1240124

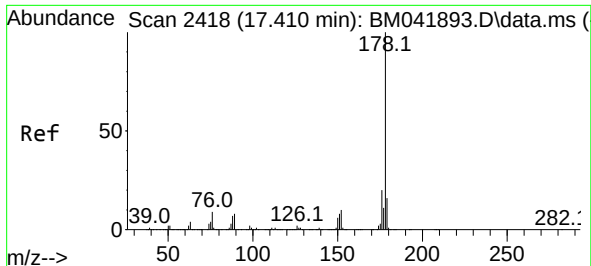
Ion Ratio Lower Upper

266 100

268 64.0 50.5 75.7

264 63.0 50.6 76.0

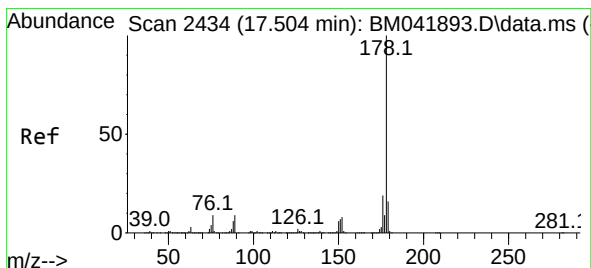
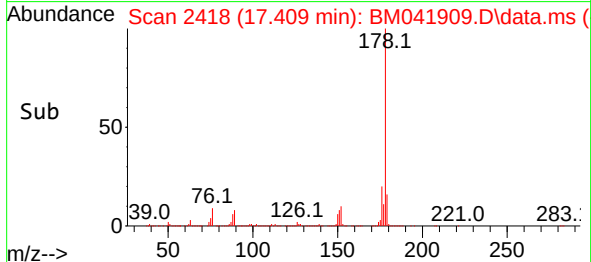
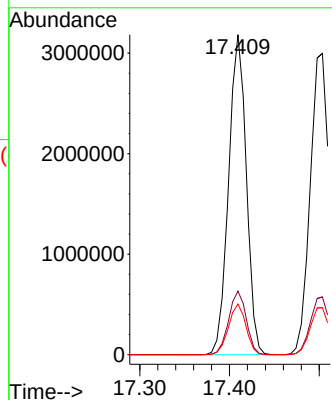
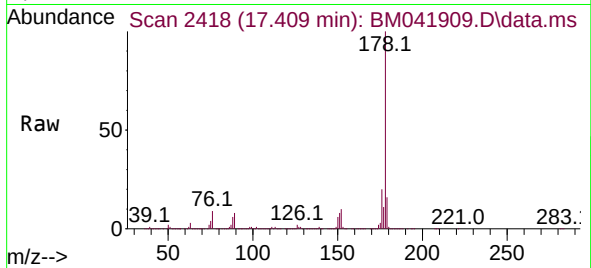




#71
Phenanthrene
Concen: 53.068 ng
RT: 17.409 min Scan# 2418
Delta R.T. -0.000 min
Lab File: BM041909.D
Acq: 19 Sep 2023 17:44

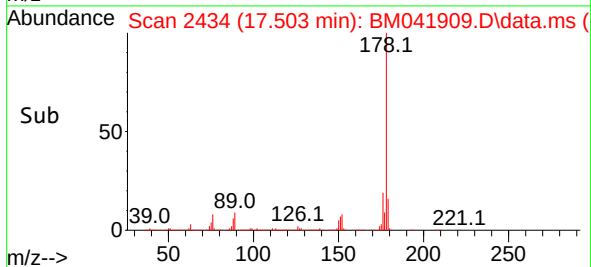
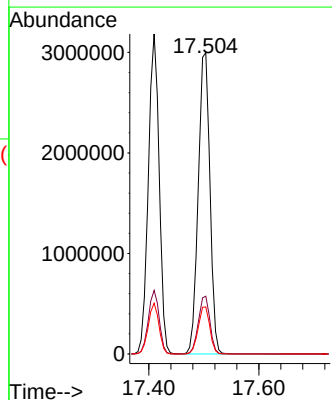
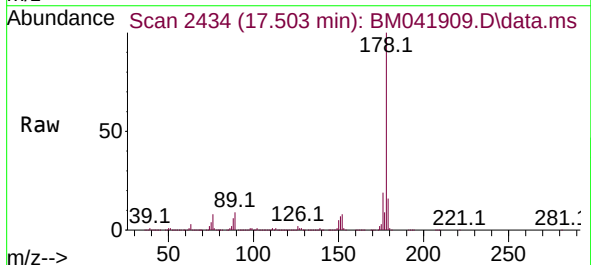
Instrument :
BNA_M
ClientSampleId :
PB155456BSD

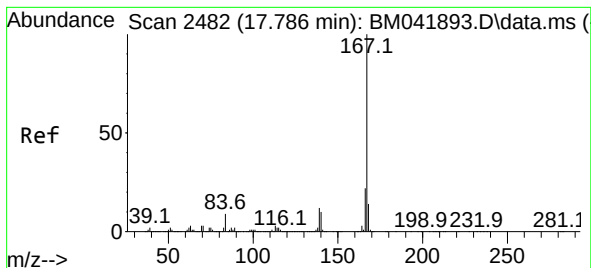
Tgt Ion:178 Resp: 4363399
Ion Ratio Lower Upper
178 100
176 19.8 15.7 23.5
179 15.9 12.4 18.6



#72
Anthracene
Concen: 52.811 ng
RT: 17.503 min Scan# 2434
Delta R.T. -0.000 min
Lab File: BM041909.D
Acq: 19 Sep 2023 17:44

Tgt Ion:178 Resp: 4429664
Ion Ratio Lower Upper
178 100
176 19.2 15.4 23.2
179 15.6 12.5 18.7





#73

Carbazole

Concen: 52.489 ng

RT: 17.780 min Scan# 24

Delta R.T. -0.006 min

Lab File: BM041909.D

Acq: 19 Sep 2023 17:44

Instrument :

BNA_M

ClientSampleId :

PB155456BSD

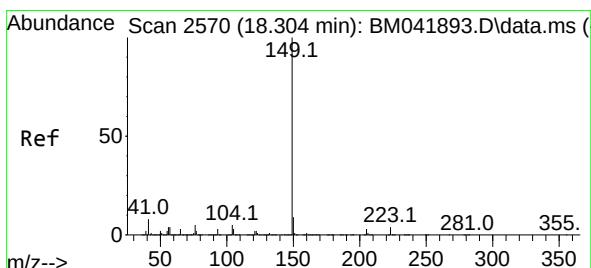
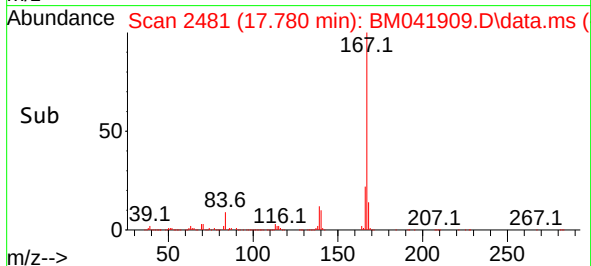
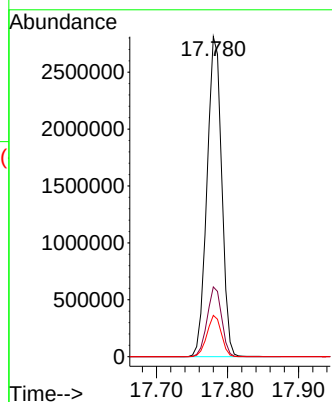
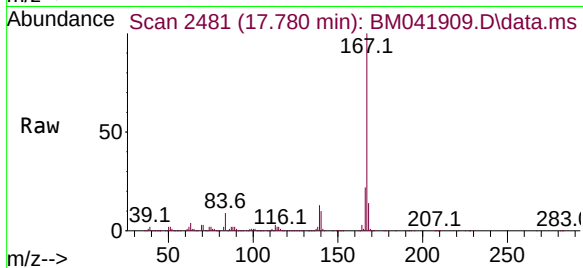
Tgt Ion:167 Resp: 4036936

Ion Ratio Lower Upper

167 100

166 21.8 17.5 26.3

139 12.9 10.0 15.0



#74

Di-n-butylphthalate

Concen: 51.678 ng

RT: 18.303 min Scan# 2570

Delta R.T. -0.000 min

Lab File: BM041909.D

Acq: 19 Sep 2023 17:44

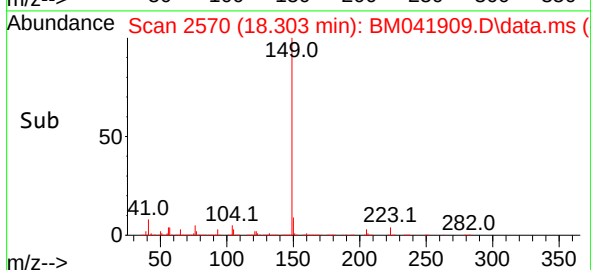
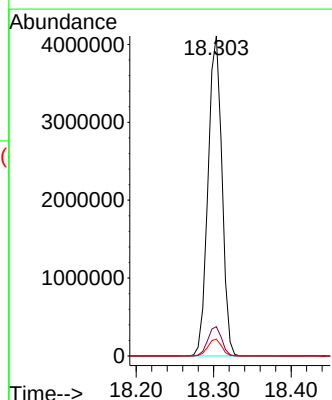
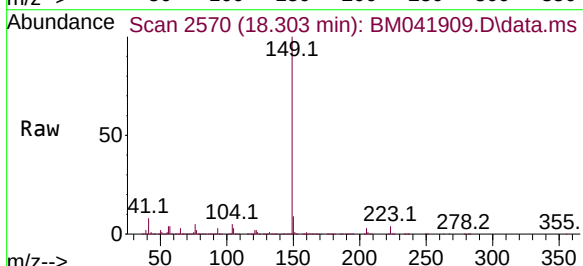
Tgt Ion:149 Resp: 5102572

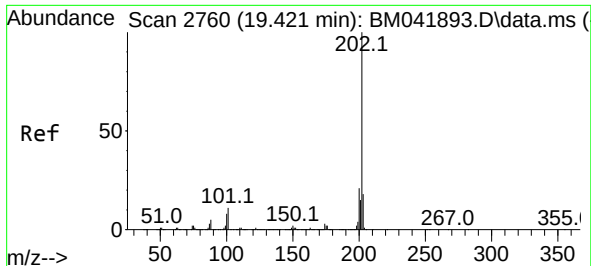
Ion Ratio Lower Upper

149 100

150 9.2 7.4 11.2

104 5.3 4.2 6.4

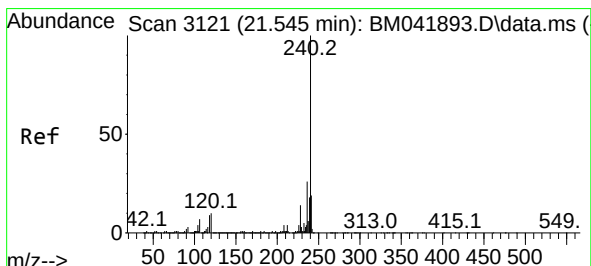
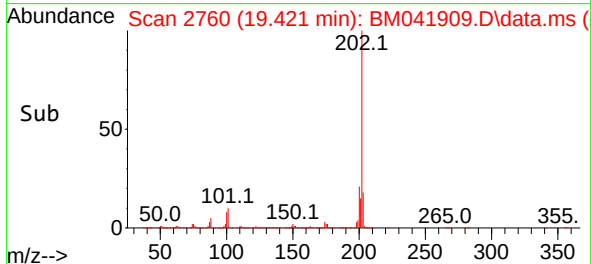
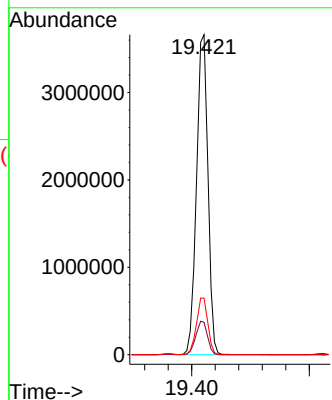
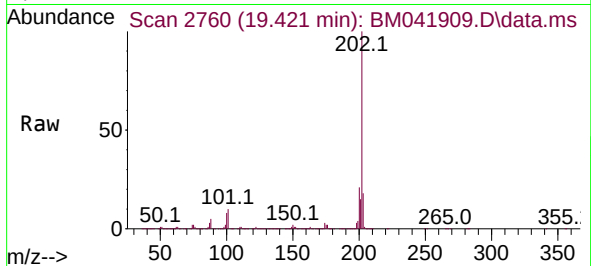




#75
Fluoranthene
Concen: 51.154 ng
RT: 19.421 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM041909.D
Acq: 19 Sep 2023 17:44

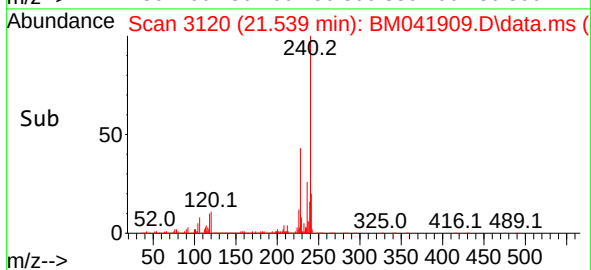
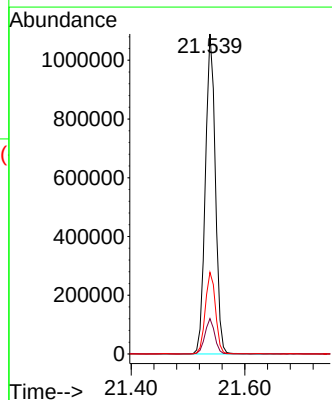
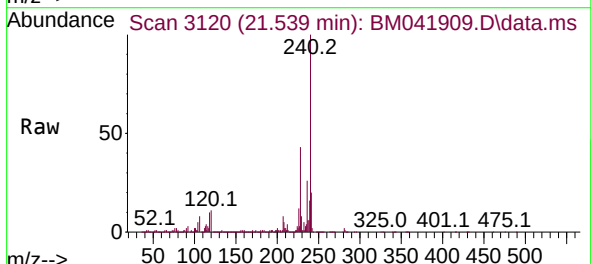
Instrument :
BNA_M
ClientSampleId :
PB155456BSD

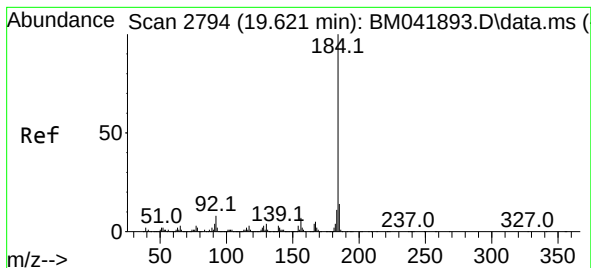
Tgt Ion:202 Resp: 4937966
Ion Ratio Lower Upper
202 100
101 10.2 0.0 30.5
203 17.6 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.539 min Scan# 3120
Delta R.T. -0.006 min
Lab File: BM041909.D
Acq: 19 Sep 2023 17:44

Tgt Ion:240 Resp: 1325698
Ion Ratio Lower Upper
240 100
120 11.1 8.1 12.1
236 25.5 20.7 31.1





#77

Benzidine

Concen: 63.377 ng

RT: 19.621 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM041909.D

Acq: 19 Sep 2023 17:44

Instrument :

BNA_M

ClientSampleId :

PB155456BSD

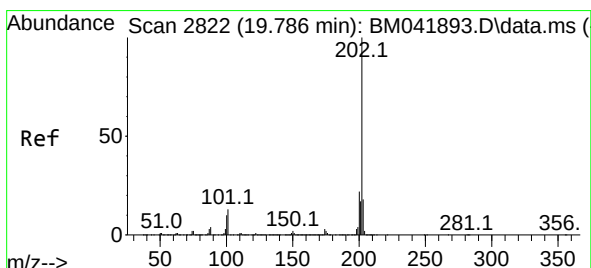
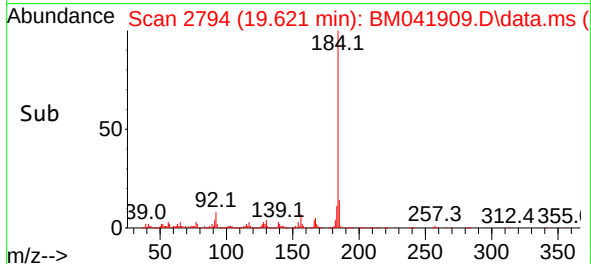
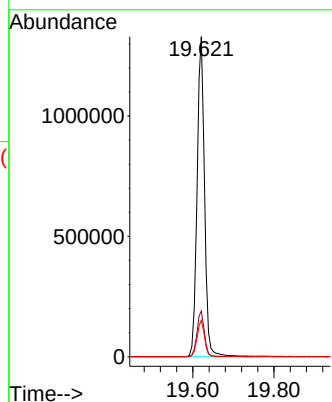
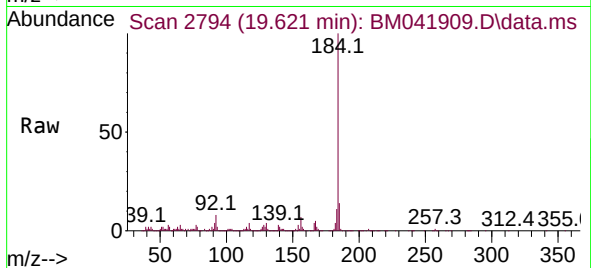
Tgt Ion:184 Resp: 1714987

Ion Ratio Lower Upper

184 100

185 14.2 11.2 16.8

183 11.4 9.1 13.7



#78

Pyrene

Concen: 55.111 ng

RT: 19.786 min Scan# 2822

Delta R.T. -0.000 min

Lab File: BM041909.D

Acq: 19 Sep 2023 17:44

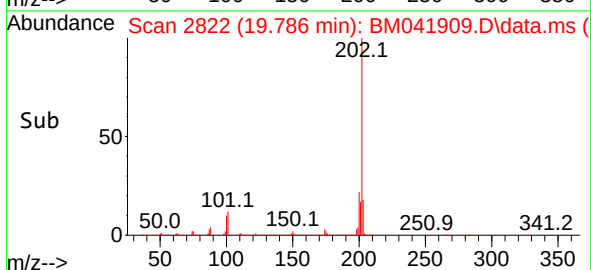
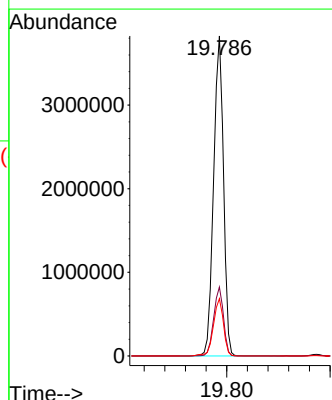
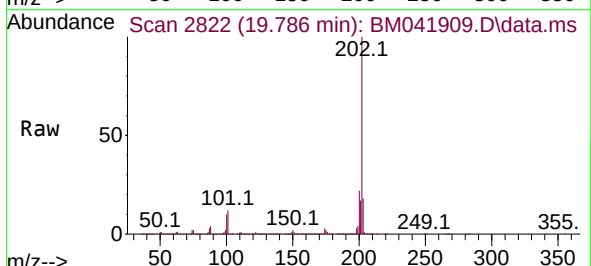
Tgt Ion:202 Resp: 5083697

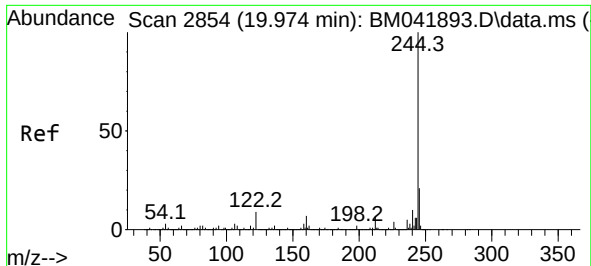
Ion Ratio Lower Upper

202 100

200 21.6 17.3 25.9

203 17.9 14.2 21.4

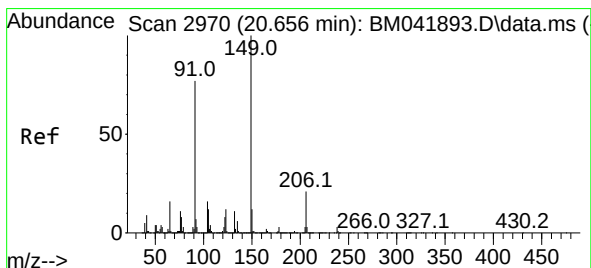
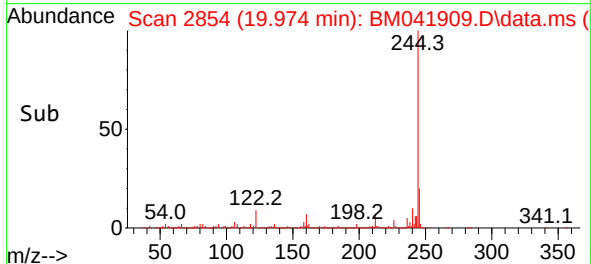
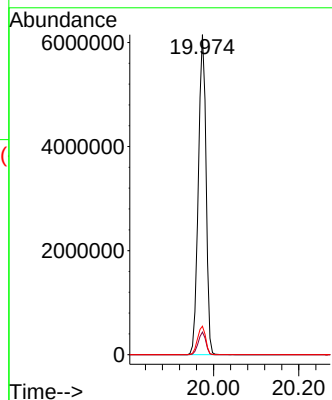
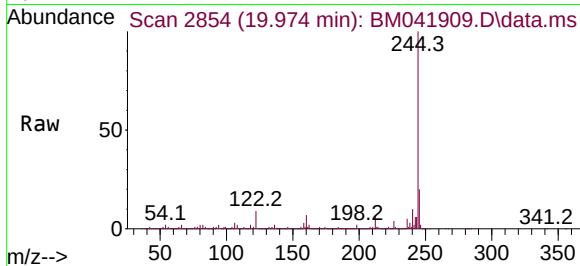




#79
 Terphenyl-d14
 Concen: 105.383 ng
 RT: 19.974 min Scan# 2854
 Delta R.T. -0.000 min
 Lab File: BM041909.D
 Acq: 19 Sep 2023 17:44

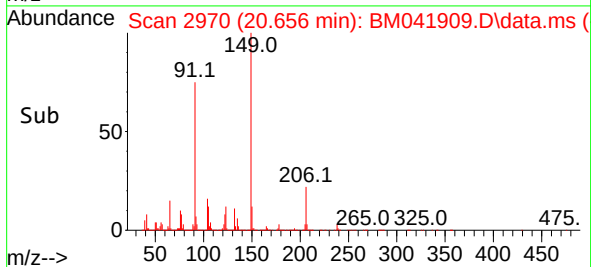
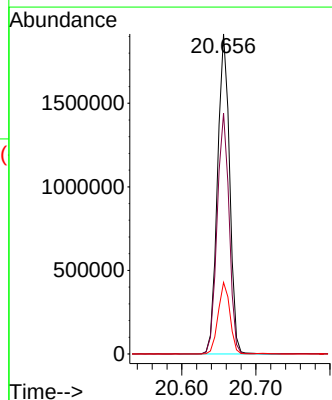
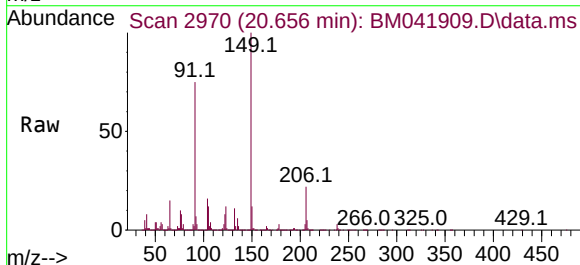
Instrument :
 BNA_M
 ClientSampleId :
 PB155456BSD

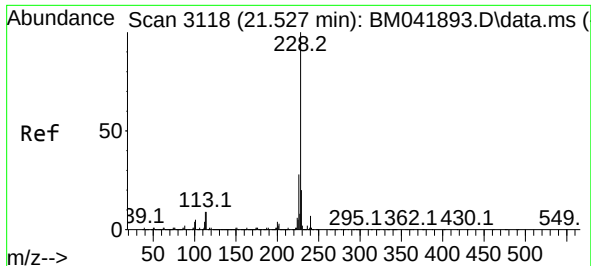
Tgt Ion:244 Resp: 7670683
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.7 8.5
 122 8.9 7.4 11.0



#80
 Butylbenzylphthalate
 Concen: 52.638 ng
 RT: 20.656 min Scan# 2970
 Delta R.T. -0.000 min
 Lab File: BM041909.D
 Acq: 19 Sep 2023 17:44

Tgt Ion:149 Resp: 2159561
 Ion Ratio Lower Upper
 149 100
 91 75.2 61.7 92.5
 206 22.3 16.9 25.3

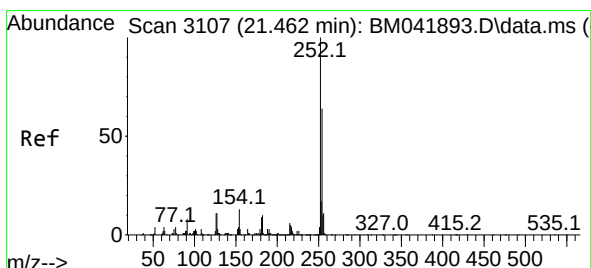
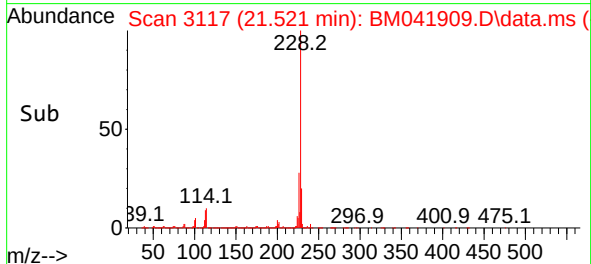
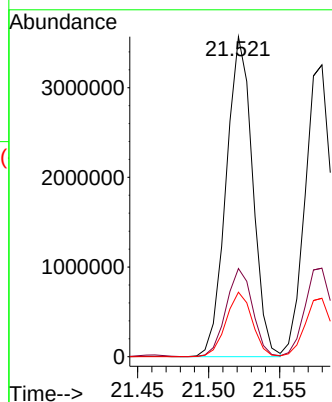
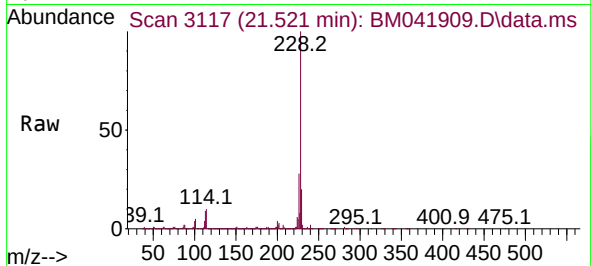




#81
Benzo(a)anthracene
Concen: 53.504 ng
RT: 21.521 min Scan# 3117
Delta R.T. -0.006 min
Lab File: BM041909.D
Acq: 19 Sep 2023 17:44

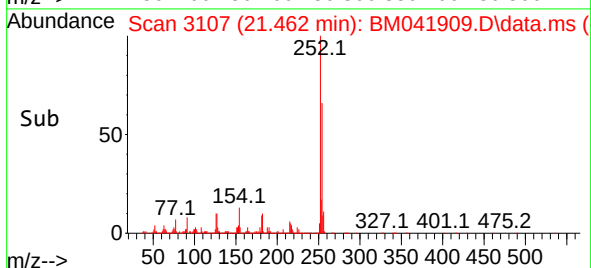
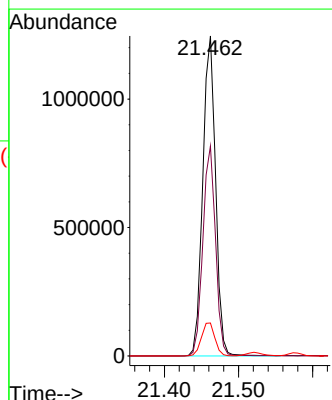
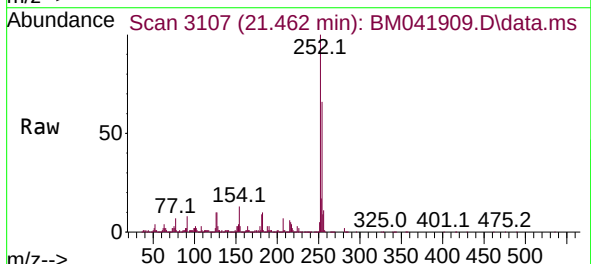
Instrument :
BNA_M
ClientSampleId :
PB155456BSD

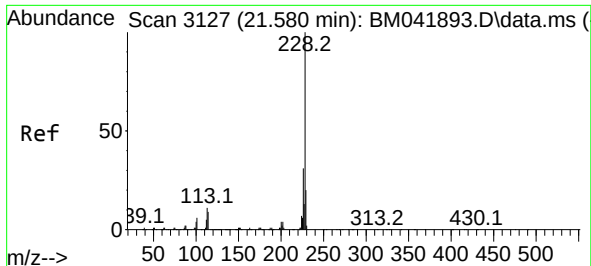
Tgt Ion:228 Resp: 4626093
Ion Ratio Lower Upper
228 100
226 27.6 22.2 33.4
229 20.2 16.1 24.1



#82
3,3'-Dichlorobenzidine
Concen: 49.043 ng
RT: 21.462 min Scan# 3107
Delta R.T. -0.000 min
Lab File: BM041909.D
Acq: 19 Sep 2023 17:44

Tgt Ion:252 Resp: 1493347
Ion Ratio Lower Upper
252 100
254 65.6 51.3 76.9
126 10.3 8.6 13.0





#83

Chrysene

Concen: 51.807 ng

RT: 21.580 min Scan# 31

Delta R.T. -0.000 min

Lab File: BM041909.D

Acq: 19 Sep 2023 17:44

Instrument :

BNA_M

ClientSampleId :

PB155456BSD

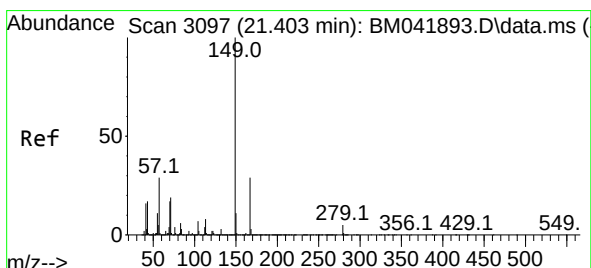
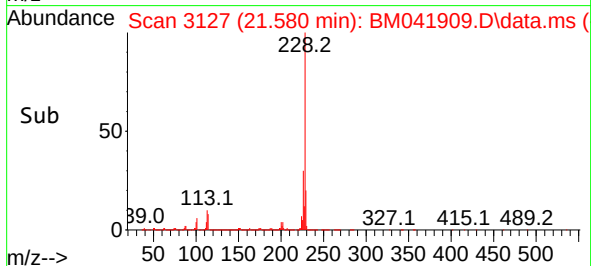
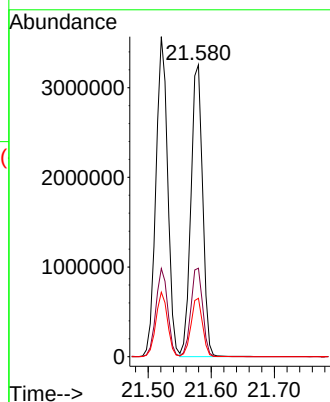
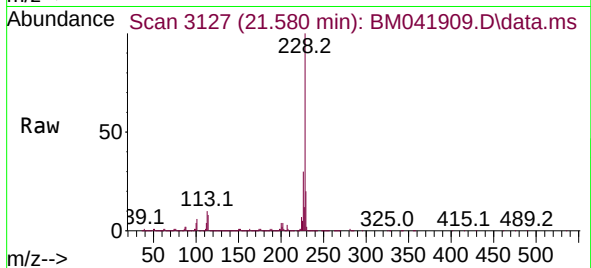
Tgt Ion:228 Resp: 4198586

Ion Ratio Lower Upper

228 100

226 30.3 24.4 36.6

229 20.0 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 51.390 ng

RT: 21.403 min Scan# 3097

Delta R.T. -0.000 min

Lab File: BM041909.D

Acq: 19 Sep 2023 17:44

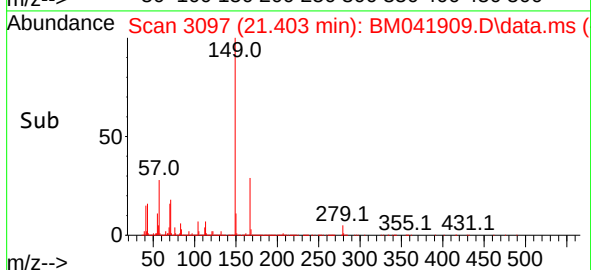
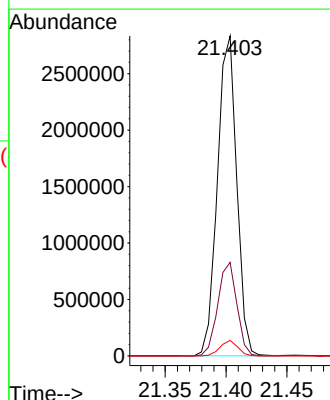
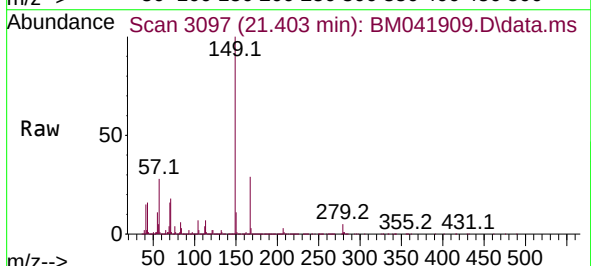
Tgt Ion:149 Resp: 3127787

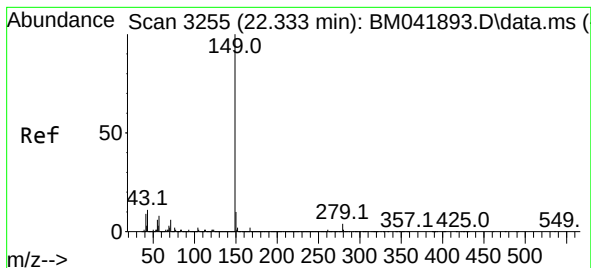
Ion Ratio Lower Upper

149 100

167 29.3 23.0 34.6

279 4.9 3.7 5.5





#85

Di-n-octyl phthalate

Concen: 51.960 ng

RT: 22.333 min Scan# 31

Delta R.T. -0.000 min

Lab File: BM041909.D

Acq: 19 Sep 2023 17:44

Instrument :

BNA_M

ClientSampleId :

PB155456BSD

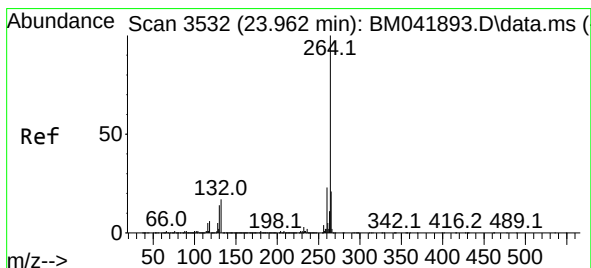
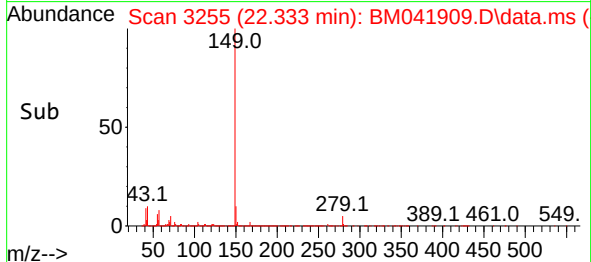
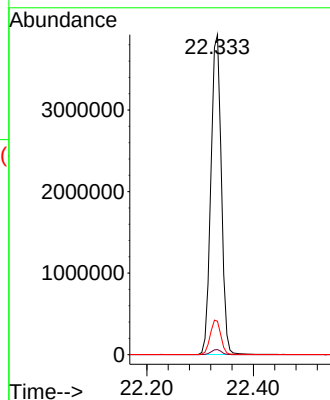
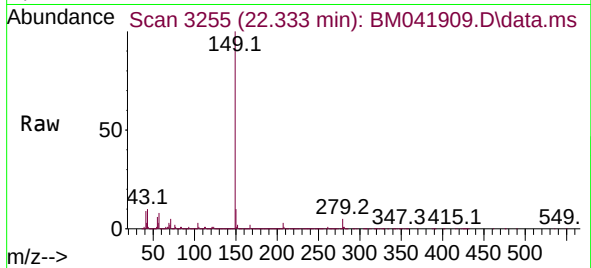
Tgt Ion:149 Resp: 5323331

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 10.9 8.7 13.1



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.956 min Scan# 3531

Delta R.T. -0.006 min

Lab File: BM041909.D

Acq: 19 Sep 2023 17:44

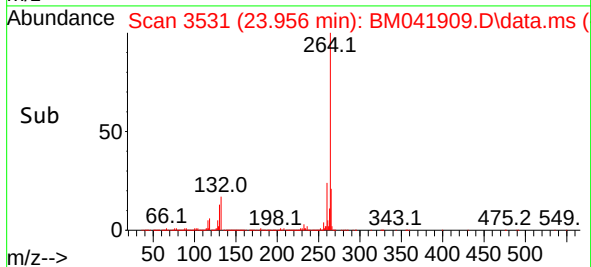
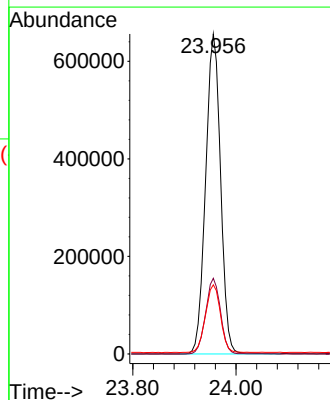
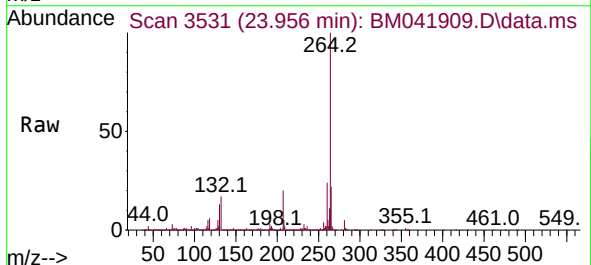
Tgt Ion:264 Resp: 1315889

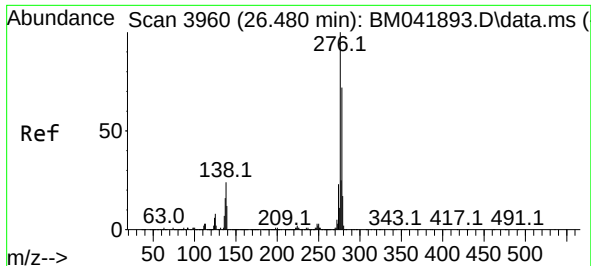
Ion Ratio Lower Upper

264 100

260 23.7 18.6 28.0

265 21.6 17.0 25.6

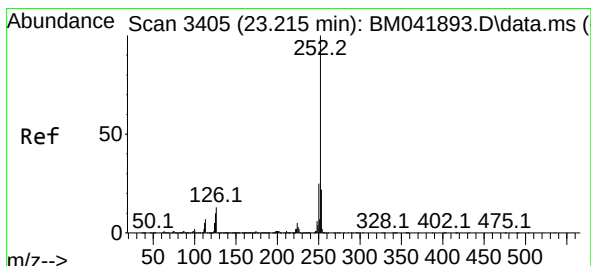
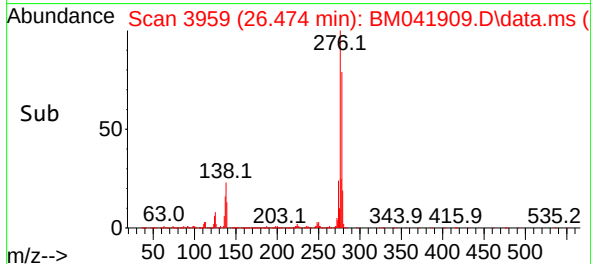
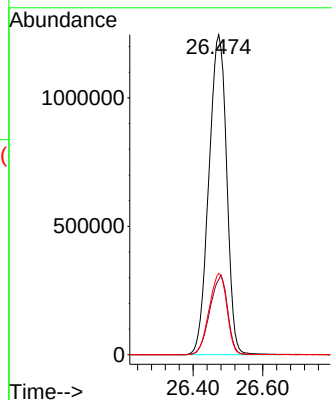
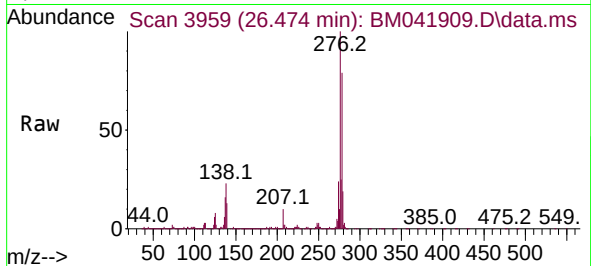




#87
Indeno(1,2,3-cd)pyrene
Concen: 56.350 ng
RT: 26.474 min Scan# 3959
Delta R.T. -0.006 min
Lab File: BM041909.D
Acq: 19 Sep 2023 17:44

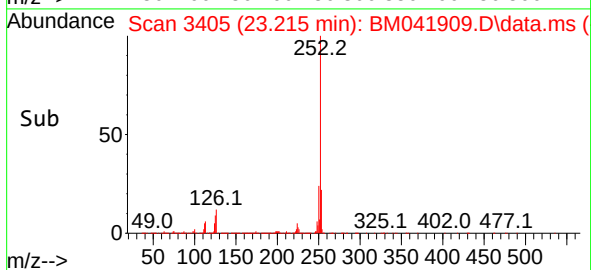
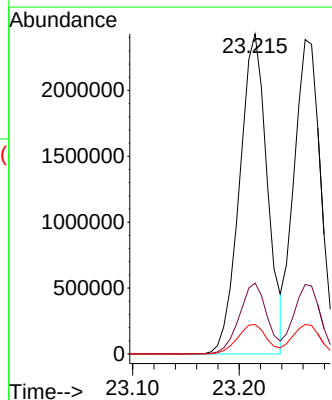
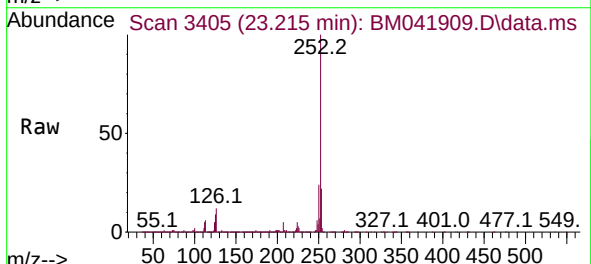
Instrument :
BNA_M
ClientSampleId :
PB155456BSD

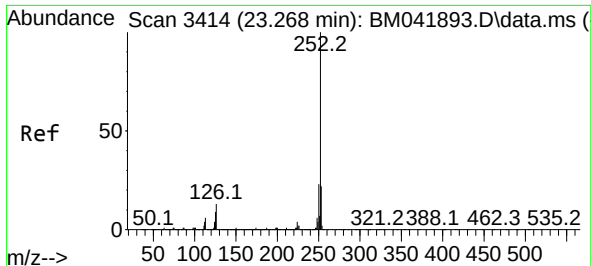
Tgt Ion:276 Resp: 4427319
Ion Ratio Lower Upper
276 100
138 24.7 19.8 29.8
277 25.4 20.2 30.2



#88
Benzo(b)fluoranthene
Concen: 57.191 ng
RT: 23.215 min Scan# 3405
Delta R.T. -0.000 min
Lab File: BM041909.D
Acq: 19 Sep 2023 17:44

Tgt Ion:252 Resp: 4393708
Ion Ratio Lower Upper
252 100
253 22.2 17.8 26.6
125 9.2 7.8 11.6

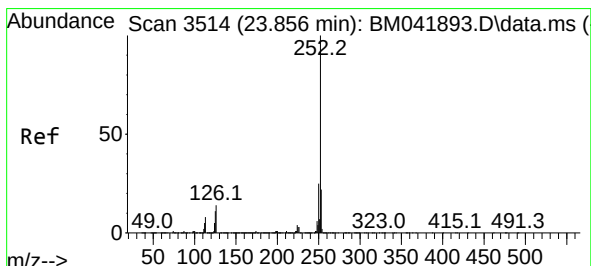
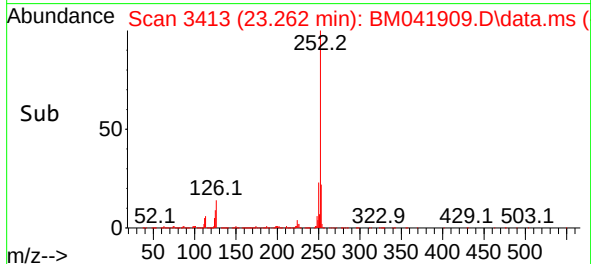
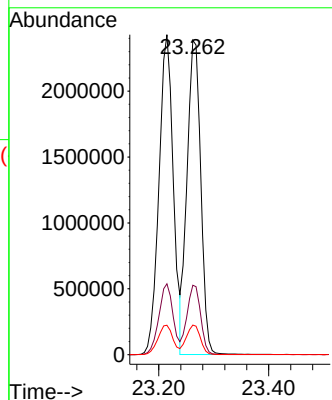
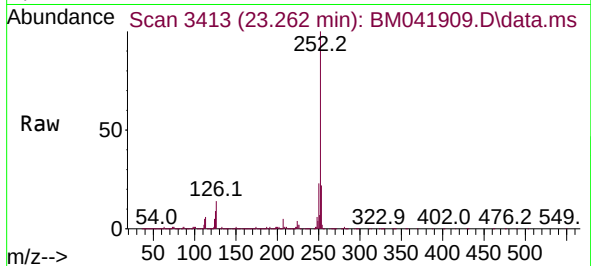




#89
Benzo(k)fluoranthene
Concen: 54.331 ng
RT: 23.262 min Scan# 3414
Delta R.T. -0.006 min
Lab File: BM041909.D
Acq: 19 Sep 2023 17:44

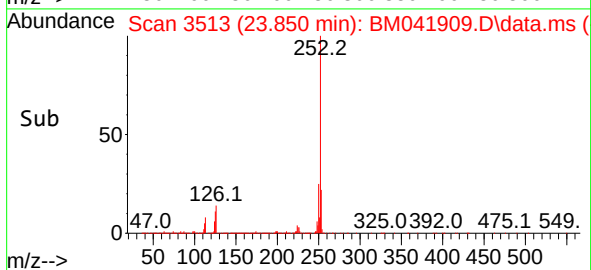
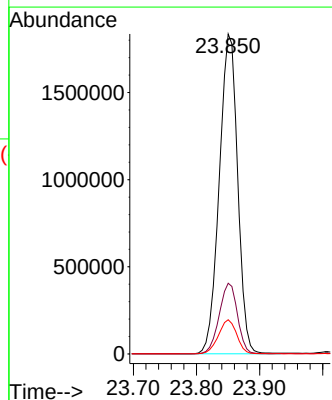
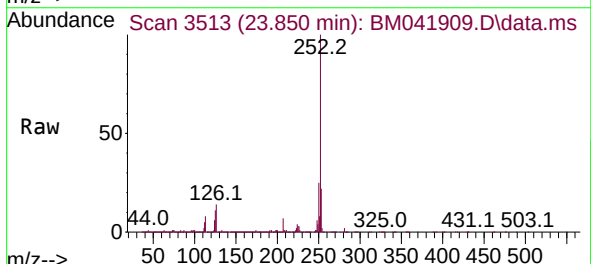
Instrument :
BNA_M
ClientSampleId :
PB155456BSD

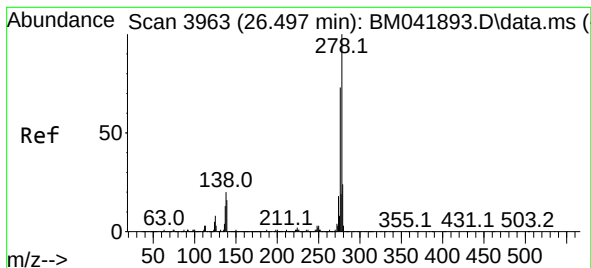
Tgt Ion:252 Resp: 4124655
Ion Ratio Lower Upper
252 100
253 22.1 17.7 26.5
125 9.4 7.7 11.5



#90
Benzo(a)pyrene
Concen: 51.482 ng
RT: 23.850 min Scan# 3513
Delta R.T. -0.006 min
Lab File: BM041909.D
Acq: 19 Sep 2023 17:44

Tgt Ion:252 Resp: 3711273
Ion Ratio Lower Upper
252 100
253 22.1 17.5 26.3
125 10.7 8.6 12.8





#91

Dibenzo(a,h)anthracene

Concen: 57.159 ng

RT: 26.491 min Scan# 3962

Delta R.T. -0.006 min

Lab File: BM041909.D

Acq: 19 Sep 2023 17:44

Instrument :

BNA_M

ClientSampleId :

PB155456BSD

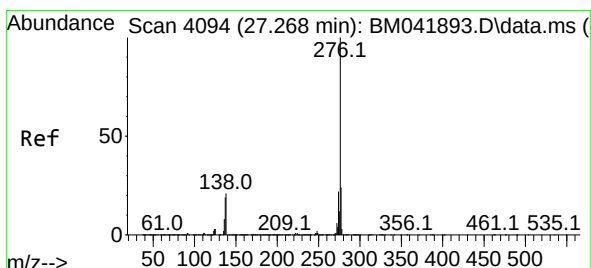
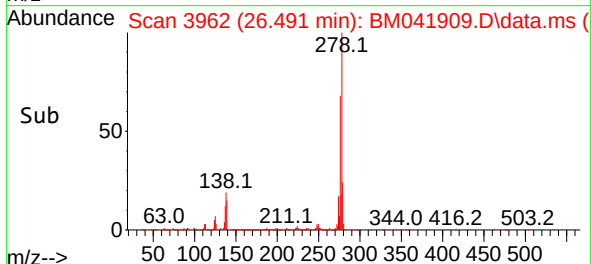
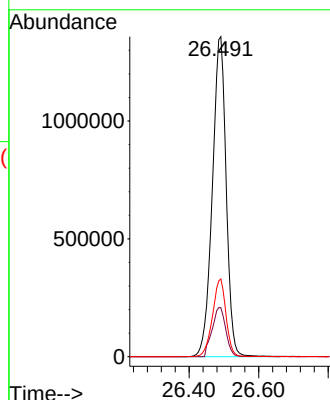
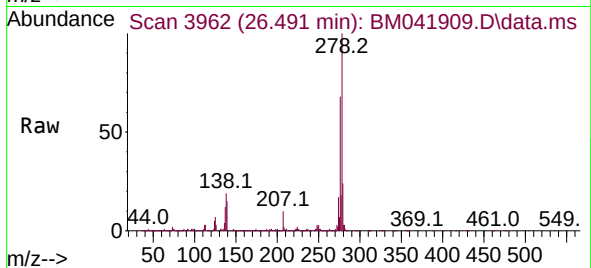
Tgt Ion:278 Resp: 3743900

Ion Ratio Lower Upper

278 100

139 15.3 12.8 19.2

279 24.3 19.2 28.8



#92

Benzo(g,h,i)perylene

Concen: 57.023 ng

RT: 27.256 min Scan# 4092

Delta R.T. -0.012 min

Lab File: BM041909.D

Acq: 19 Sep 2023 17:44

Tgt Ion:276 Resp: 3568703

Ion Ratio Lower Upper

276 100

277 24.5 19.4 29.2

138 21.3 17.0 25.4

