

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052322\
 Data File : BM035190.D
 Acq On : 23 May 2022 12:36
 Operator : CG/JU
 Sample : PB144942BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB144942BS

Quant Time: May 24 03:15:58 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 20 04:53:59 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.904	152	190421	20.000	ng	0.00
21) Naphthalene-d8	10.704	136	786452	20.000	ng	0.00
39) Acenaphthene-d10	14.545	164	496017	20.000	ng	0.00
64) Phenanthrene-d10	17.286	188	955840	20.000	ng	0.00
76) Chrysene-d12	21.468	240	775080	20.000	ng	# 0.00
86) Perylene-d12	23.856	264	626042	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	1475497	136.702	ng	0.00
7) Phenol-d6	7.081	99	1862702	133.682	ng	0.00
23) Nitrobenzene-d5	9.069	82	1210118	83.093	ng	0.00
42) 2,4,6-Tribromophenol	16.033	330	802128	148.661	ng	0.00
45) 2-Fluorobiphenyl	13.169	172	3004384	87.928	ng	0.00
79) Terphenyl-d14	19.909	244	4034298	100.780	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.387	88	124479	28.503	ng	97
3) Pyridine	3.781	79	301145	24.749	ng	95
4) n-Nitrosodimethylamine	3.693	42	248146	41.361	ng	91
6) Aniline	7.228	93	662876	41.416	ng	100
8) 2-Chlorophenol	7.469	128	591302	49.222	ng	97
9) Benzaldehyde	7.040	77	246628	27.195	ng	98
10) Phenol	7.104	94	697094	48.919	ng	99
11) bis(2-Chloroethyl)ether	7.328	93	501511	46.749	ng	96
12) 1,3-Dichlorobenzene	7.792	146	589002	43.284	ng	98
13) 1,4-Dichlorobenzene	7.939	146	613539	44.055	ng	99
14) 1,2-Dichlorobenzene	8.257	146	595682	44.928	ng	99
15) Benzyl Alcohol	8.145	79	516366	49.589	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.439	45	686695	39.497	ng	96
17) 2-Methylphenol	8.357	107	478645	49.466	ng	99
18) Hexachloroethane	8.986	117	216865	42.426	ng	90
19) n-Nitroso-di-n-propyla...	8.722	70	418008	45.825	ng	95
20) 3+4-Methylphenols	8.687	107	647366	48.896	ng	98
22) Acetophenone	8.734	105	843518	44.286	ng	# 95
24) Nitrobenzene	9.110	77	609252	41.588	ng	97
25) Isophorone	9.639	82	1061293	43.586	ng	98
26) 2-Nitrophenol	9.822	139	324179	50.712	ng	96
27) 2,4-Dimethylphenol	9.886	122	524761	53.234	ng	97
28) bis(2-Chloroethoxy)met...	10.122	93	667252	47.617	ng	99
29) 2,4-Dichlorophenol	10.357	162	577636	49.701	ng	99
30) 1,2,4-Trichlorobenzene	10.575	180	617696	46.954	ng	97
31) Naphthalene	10.757	128	1719584	42.386	ng	99
32) Benzoic acid	10.051	122	406029	51.341	ng	97
33) 4-Chloroaniline	10.863	127	423797	25.969	ng	98
34) Hexachlorobutadiene	11.051	225	396446	48.809	ng	99
35) Caprolactam	11.669	113	161542	48.124	ng	89
36) 4-Chloro-3-methylphenol	11.998	107	576299	47.919	ng	98
37) 2-Methylnaphthalene	12.369	142	1284878	45.707	ng	99
38) 1-Methylnaphthalene	12.586	142	1174282	42.776	ng	100
40) 1,2,4,5-Tetrachloroben...	12.739	216	738731	52.304	ng	98
41) Hexachlorocyclopentadiene	12.722	237	904247	106.933	ng	99
43) 2,4,6-Trichlorophenol	12.980	196	478094	50.004	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.051	196	516672	48.664	ng	96
46) 1,1'-Biphenyl	13.380	154	1676291	44.858	ng	99
47) 2-Chloronaphthalene	13.422	162	1282085	44.025	ng	99
48) 2-Nitroaniline	13.621	65	356896	42.602	ng	96
49) Acenaphthylene	14.263	152	1949186	43.474	ng	99
50) Dimethylphthalate	14.004	163	1575926	42.615	ng	99
51) 2,6-Dinitrotoluene	14.121	165	347738	46.186	ng	88
52) Acenaphthene	14.610	154	1162524	38.270	ng	99
53) 3-Nitroaniline	14.445	138	247777	30.673	ng	97
54) 2,4-Dinitrophenol	14.657	184	428851	96.836	ng	88
55) Dibenzofuran	14.939	168	1868596	43.088	ng	98
56) 4-Nitrophenol	14.763	139	558998	84.720	ng	96
57) 2,4-Dinitrotoluene	14.910	165	477480	47.312	ng	93
58) Fluorene	15.592	166	1528360	42.428	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.168	232	439949	48.742	ng	# 89
60) Diethylphthalate	15.368	149	1563165	41.501	ng	98
61) 4-Chlorophenyl-phenyle...	15.586	204	811890	47.094	ng	93
62) 4-Nitroaniline	15.610	138	331042	39.576	ng	98
63) Azobenzene	15.874	77	1330474	38.730	ng	97
65) 4,6-Dinitro-2-methylph...	15.674	198	267717	46.854	ng	92
66) n-Nitrosodiphenylamine	15.798	169	1320668	45.591	ng	99
67) 4-Bromophenyl-phenylether	16.480	248	495595	51.008	ng	92
68) Hexachlorobenzene	16.598	284	553156	50.427	ng	# 92
69) Atrazine	16.757	200	484541	49.822	ng	97
70) Pentachlorophenol	16.939	266	694497	101.047	ng	98
71) Phenanthrene	17.327	178	2290920	43.004	ng	100
72) Anthracene	17.421	178	2321327	45.128	ng	100
73) Carbazole	17.692	167	2009880	42.783	ng	99
74) Di-n-butylphthalate	18.256	149	2514508	42.067	ng	100
75) Fluoranthene	19.345	202	2537619	43.382	ng	98
77) Benzidine	19.527	184	802776	33.904	ng	99
78) Pyrene	19.703	202	2559420	49.934	ng	100
80) Butylbenzylphthalate	20.609	149	997064	44.318	ng	92
81) Benzo(a)anthracene	21.456	228	2196585	42.472	ng	99
82) 3,3'-Dichlorobenzidine	21.386	252	693167	45.984	ng	98
83) Chrysene	21.509	228	2148609	43.494	ng	100
84) Bis(2-ethylhexyl)phtha...	21.392	149	1414027	40.873	ng	# 97
85) Di-n-octyl phthalate	22.309	149	2211616	38.778	ng	96
87) Indeno(1,2,3-cd)pyrene	26.332	276	2085768	43.821	ng	97
88) Benzo(b)fluoranthene	23.133	252	2003235	50.875	ng	99
89) Benzo(k)fluoranthene	23.180	252	1892678	47.484	ng	99
90) Benzo(a)pyrene	23.750	252	1841021	56.279	ng	98
91) Dibenzo(a,h)anthracene	26.344	278	1780446	44.593	ng	97
92) Benzo(g,h,i)perylene	27.091	276	1755958	45.772	ng	96

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

BNA M

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ClientSampleId :

PB144942BS

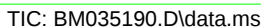
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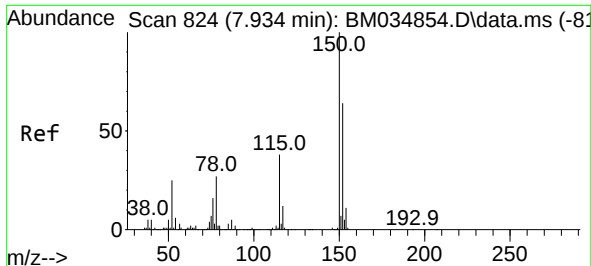
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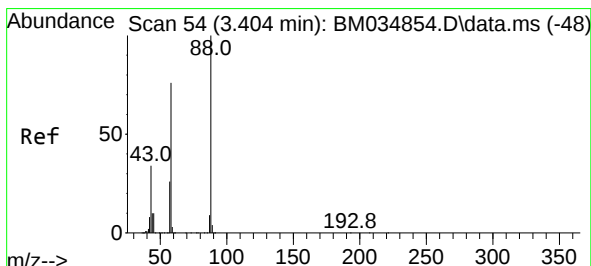
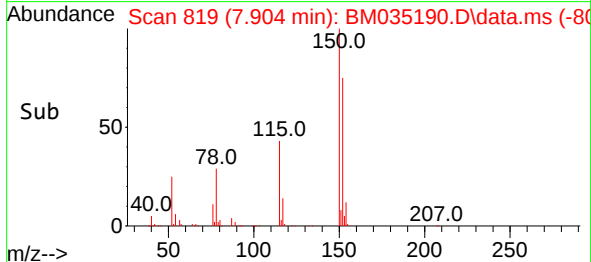
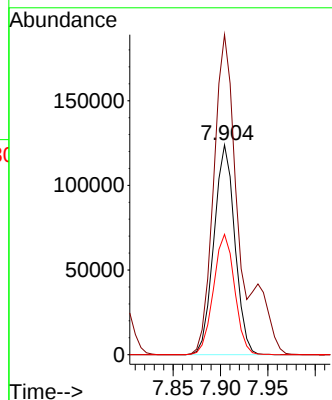
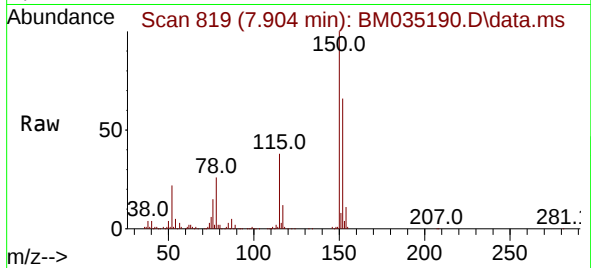




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.904 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: BM035190.D
 Acq: 23 May 2022 12:36

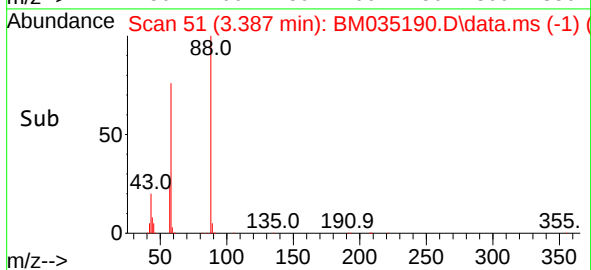
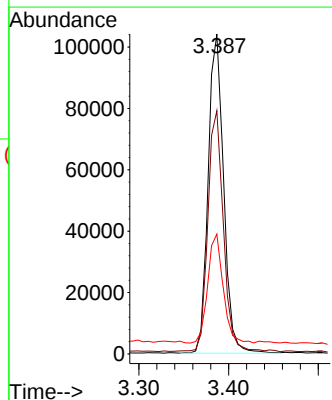
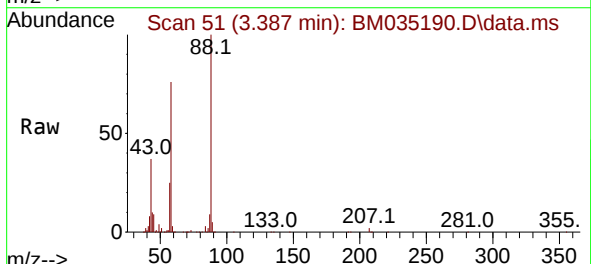
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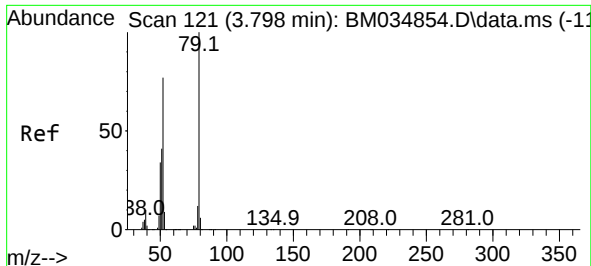
Tgt Ion:152 Resp: 190421
 Ion Ratio Lower Upper
 152 100
 150 152.6 124.9 187.3
 115 57.4 47.9 71.9



#2
 1,4-Dioxane
 Concen: 28.503 ng
 RT: 3.387 min Scan# 51
 Delta R.T. 0.006 min
 Lab File: BM035190.D
 Acq: 23 May 2022 12:36

Tgt Ion: 88 Resp: 124479
 Ion Ratio Lower Upper
 88 100
 58 76.0 62.3 93.5
 43 33.8 28.7 43.1

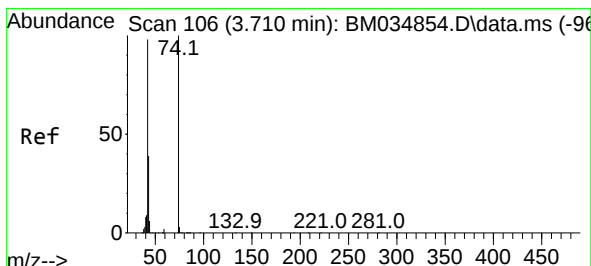
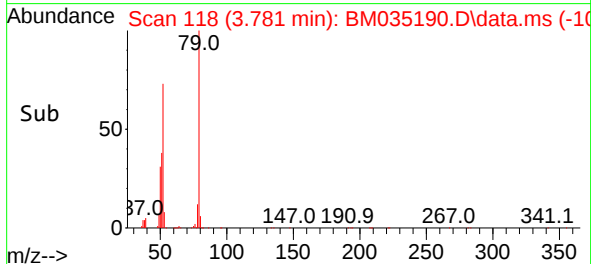
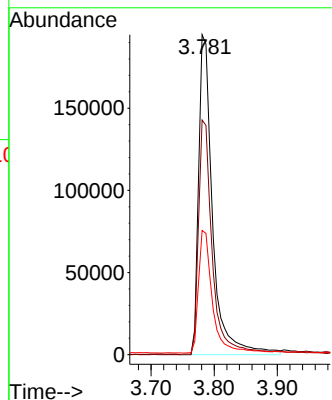
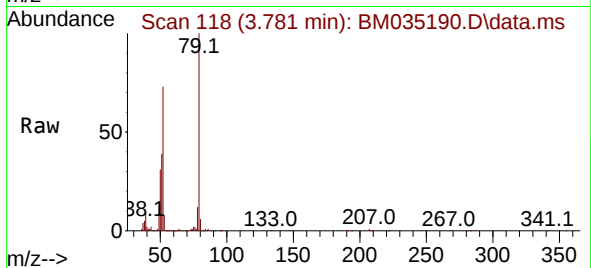




#3
 Pyridine
 Concen: 24.749 ng
 RT: 3.781 min Scan# 118
 Delta R.T. -0.000 min
 Lab File: BM035190.D
 Acq: 23 May 2022 12:36

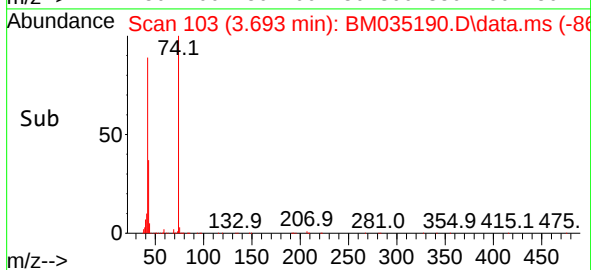
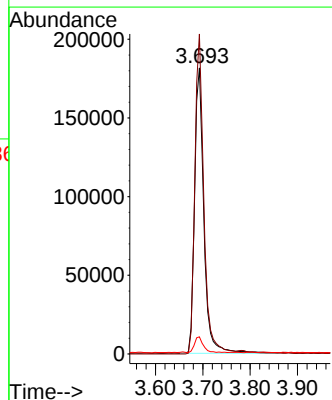
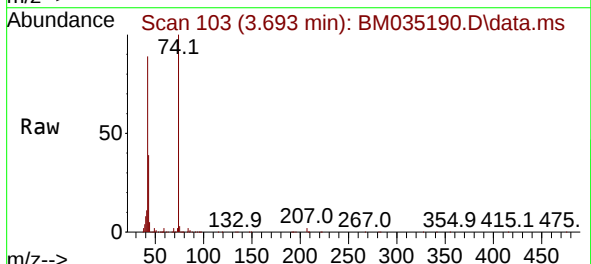
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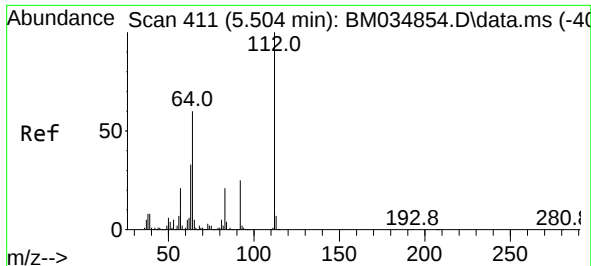
Tgt Ion: 79 Resp: 301145
 Ion Ratio Lower Upper
 79 100
 52 73.3 61.9 92.9
 51 38.8 33.5 50.3



#4
 n-Nitrosodimethylamine
 Concen: 41.361 ng
 RT: 3.693 min Scan# 103
 Delta R.T. -0.000 min
 Lab File: BM035190.D
 Acq: 23 May 2022 12:36

Tgt Ion: 42 Resp: 248146
 Ion Ratio Lower Upper
 42 100
 74 111.9 81.6 122.4
 44 6.0 5.2 7.8

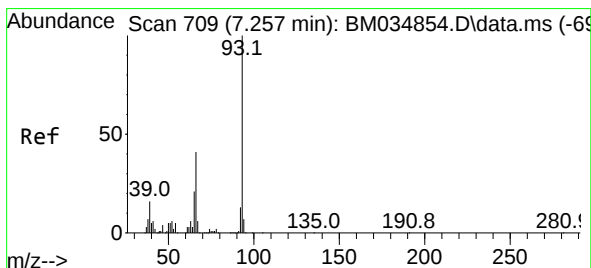
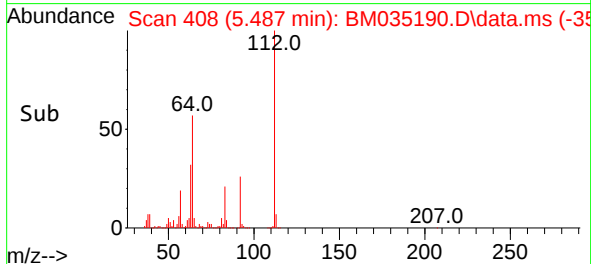
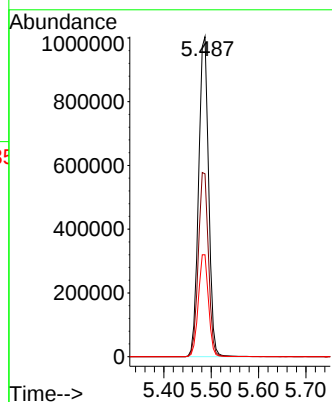
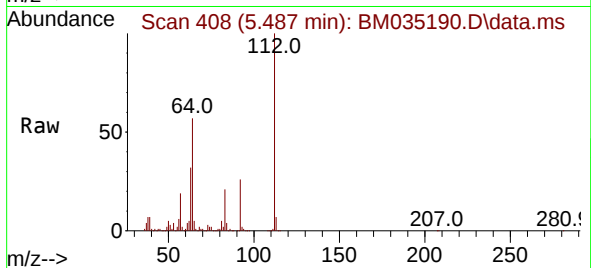




#5
2-Fluorophenol
Concen: 136.702 ng
RT: 5.487 min Scan# 408
Delta R.T. 0.006 min
Lab File: BM035190.D
Acq: 23 May 2022 12:36

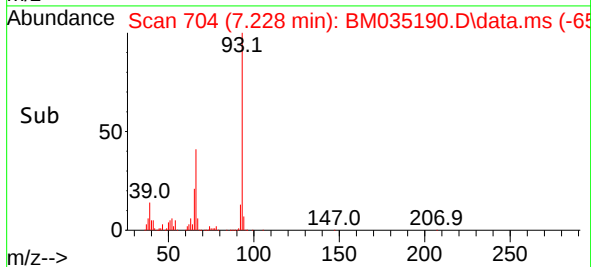
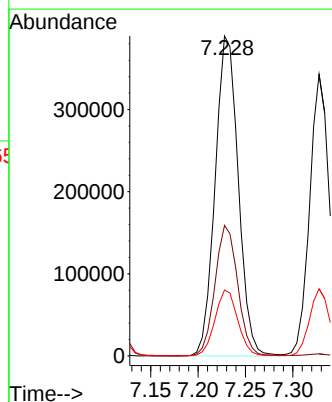
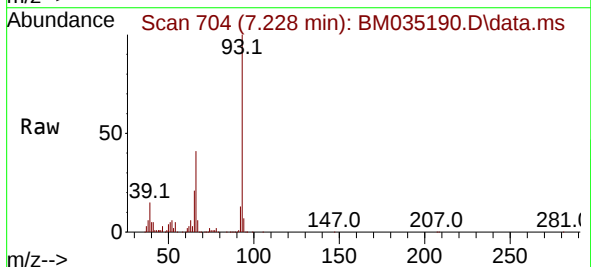
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Tgt Ion:112 Resp: 1475497
Ion Ratio Lower Upper
112 100
64 57.1 47.8 71.6
63 31.9 26.6 40.0



#6
Aniline
Concen: 41.416 ng
RT: 7.228 min Scan# 704
Delta R.T. -0.000 min
Lab File: BM035190.D
Acq: 23 May 2022 12:36

Tgt Ion: 93 Resp: 662876
Ion Ratio Lower Upper
93 100
66 40.8 32.6 49.0
65 20.6 16.8 25.2

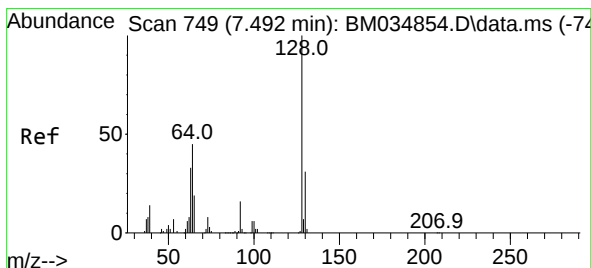
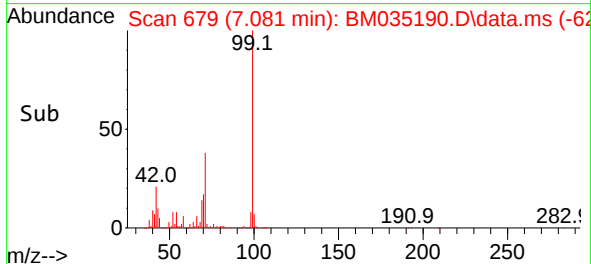
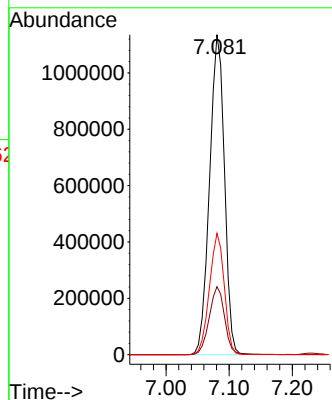
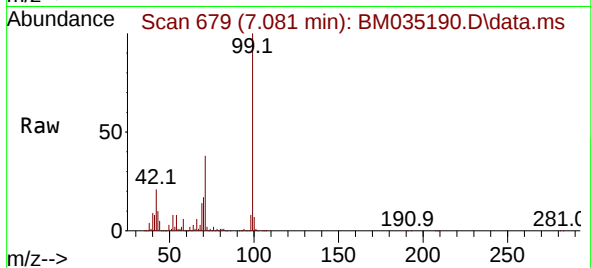




#7
Phenol-d6
Concen: 133.682 ng
RT: 7.081 min Scan# 61
Delta R.T. 0.006 min
Lab File: BM035190.D
Acq: 23 May 2022 12:36

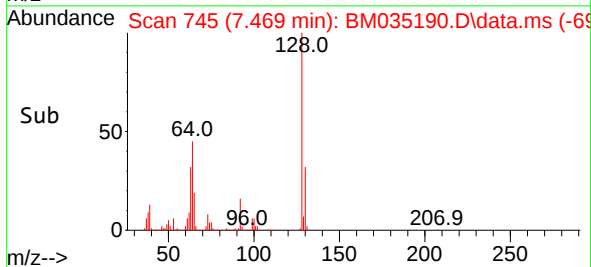
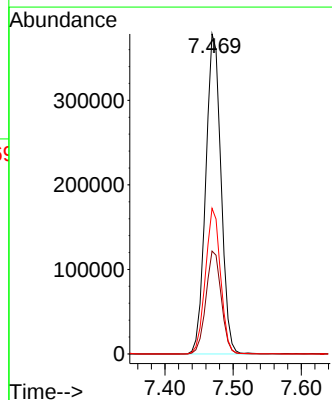
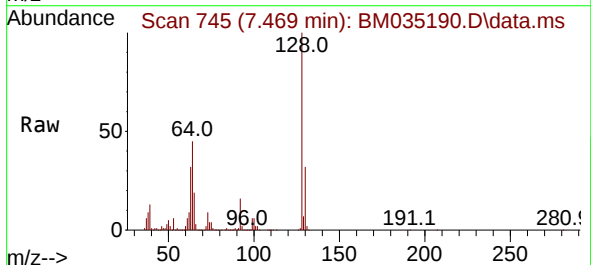
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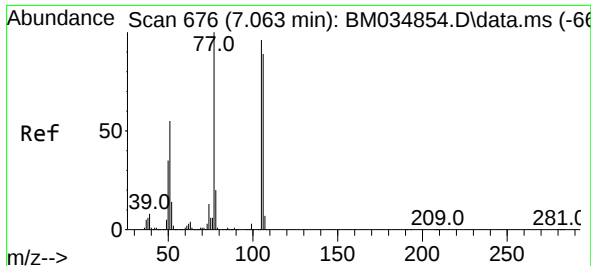
Tgt Ion: 99 Resp: 1862702
Ion Ratio Lower Upper
99 100
42 21.3 18.8 28.2
71 37.9 30.2 45.2



#8
2-Chlorophenol
Concen: 49.222 ng
RT: 7.469 min Scan# 745
Delta R.T. -0.000 min
Lab File: BM035190.D
Acq: 23 May 2022 12:36

Tgt Ion: 128 Resp: 591302
Ion Ratio Lower Upper
128 100
130 32.2 10.9 50.9
64 45.5 28.2 68.2

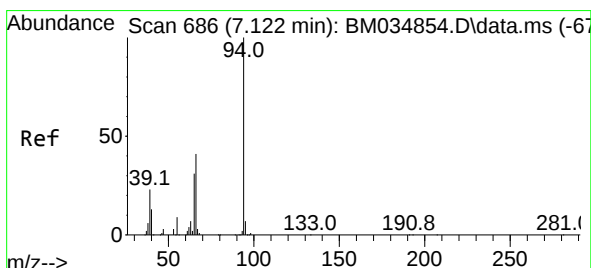
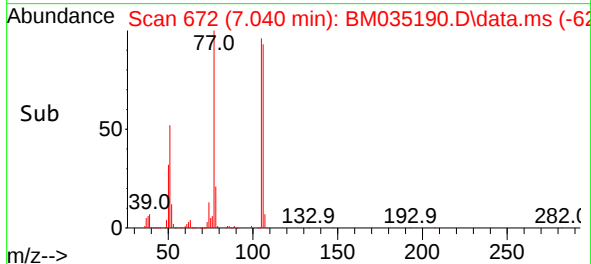
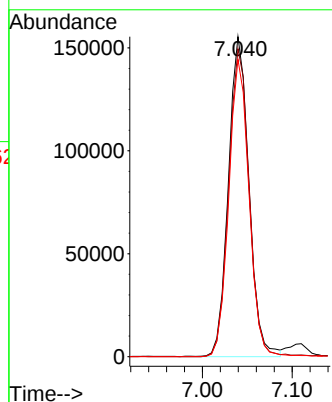
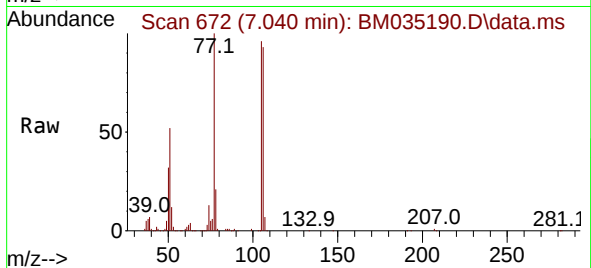




#9
Benzaldehyde
Concen: 27.195 ng
RT: 7.040 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM035190.D
Acq: 23 May 2022 12:36

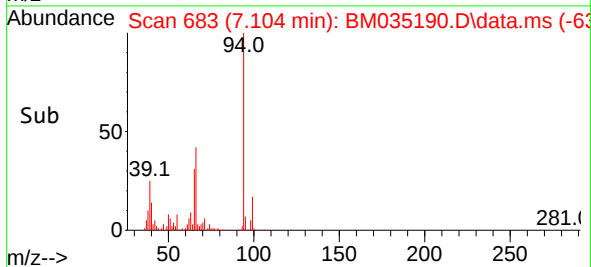
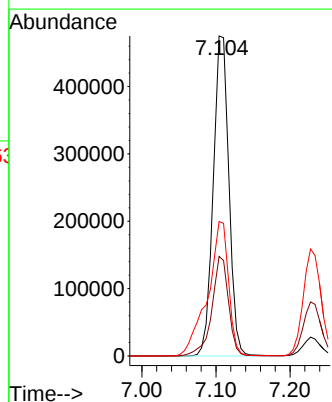
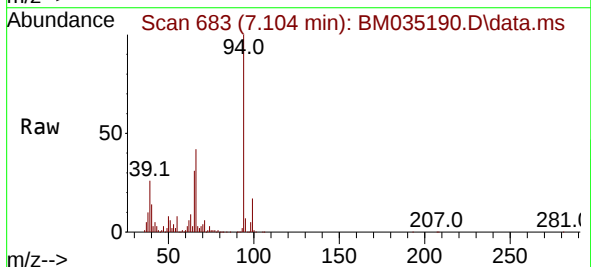
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Tgt Ion: 77 Resp: 246628
Ion Ratio Lower Upper
77 100
105 96.3 76.3 116.3
106 92.9 69.0 109.0



#10
Phenol
Concen: 48.919 ng
RT: 7.104 min Scan# 683
Delta R.T. 0.006 min
Lab File: BM035190.D
Acq: 23 May 2022 12:36

Tgt Ion: 94 Resp: 697094
Ion Ratio Lower Upper
94 100
65 31.1 11.4 51.4
66 42.0 21.4 61.4

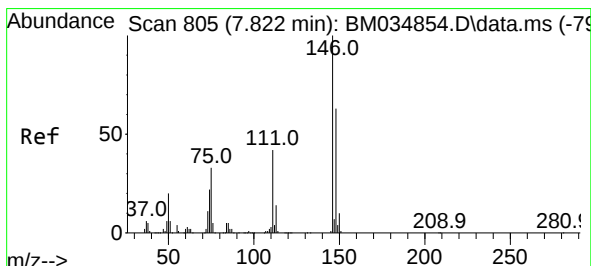
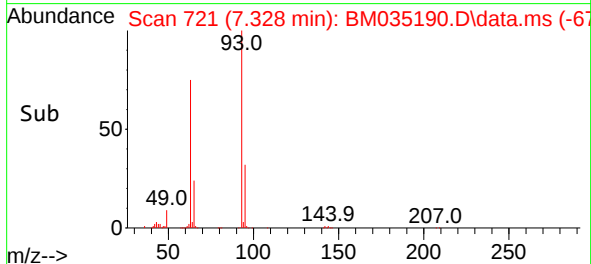
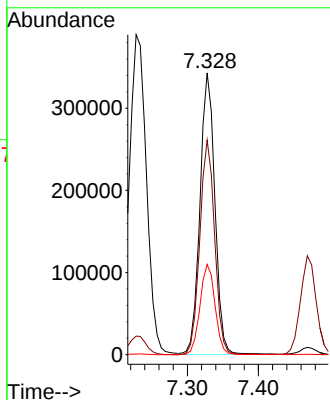
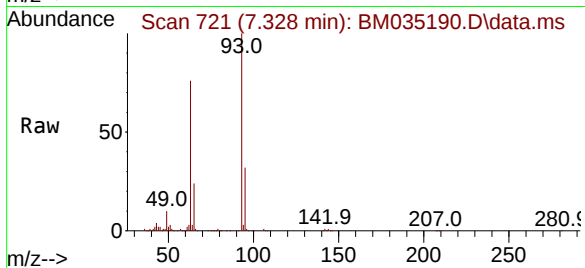




#11
bis(2-Chloroethyl)ether
Concen: 46.749 ng
RT: 7.328 min Scan# 71
Delta R.T. -0.000 min
Lab File: BM035190.D
Acq: 23 May 2022 12:36

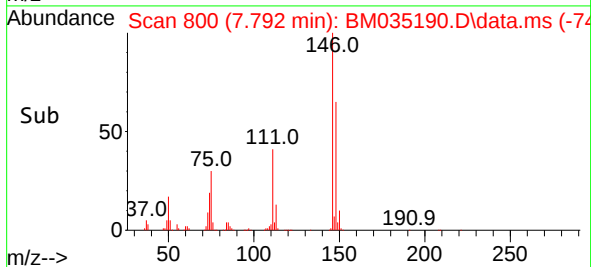
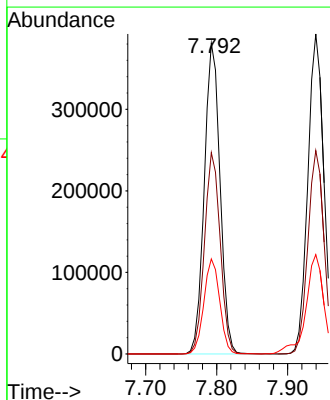
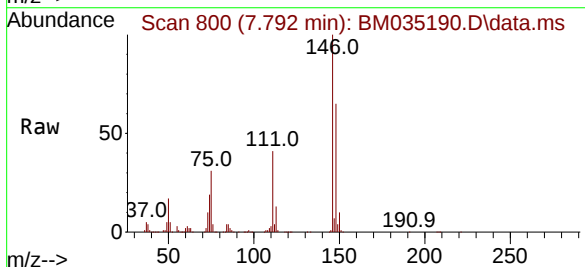
Instrument :
BNA_M
ClientSampleId :
PB144942BS

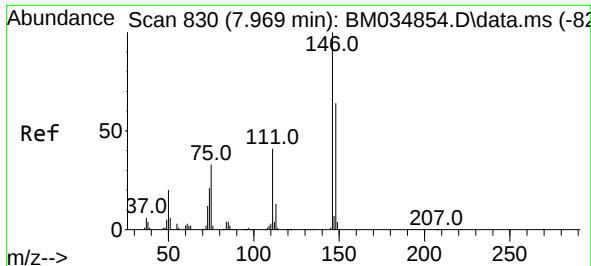
Tgt Ion: 93 Resp: 501511
Ion Ratio Lower Upper
93 100
63 76.2 60.6 100.6
95 32.0 13.2 53.2



#12
1,3-Dichlorobenzene
Concen: 43.284 ng
RT: 7.792 min Scan# 800
Delta R.T. -0.000 min
Lab File: BM035190.D
Acq: 23 May 2022 12:36

Tgt Ion: 146 Resp: 589002
Ion Ratio Lower Upper
146 100
148 64.8 50.7 76.1
75 30.6 26.1 39.1





#13

1,4-Dichlorobenzene

Concen: 44.055 ng

RT: 7.939 min Scan# 81

Delta R.T. -0.000 min

Lab File: BM035190.D

Acq: 23 May 2022 12:36

Instrument :

BNA_M

ClientSampleId :

PB144942BS

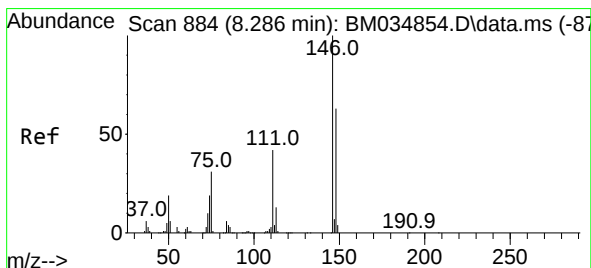
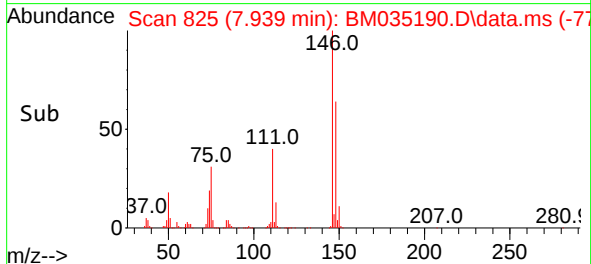
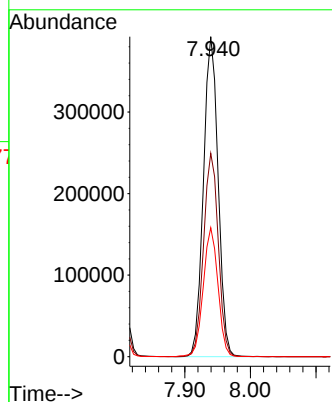
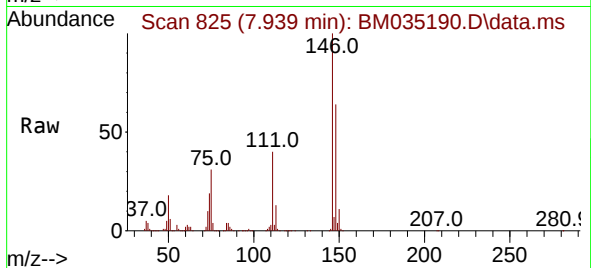
Tgt Ion:146 Resp: 613539

Ion Ratio Lower Upper

146 100

148 63.5 51.5 77.3

111 40.3 32.5 48.7



#14

1,2-Dichlorobenzene

Concen: 44.928 ng

RT: 8.257 min Scan# 879

Delta R.T. -0.000 min

Lab File: BM035190.D

Acq: 23 May 2022 12:36

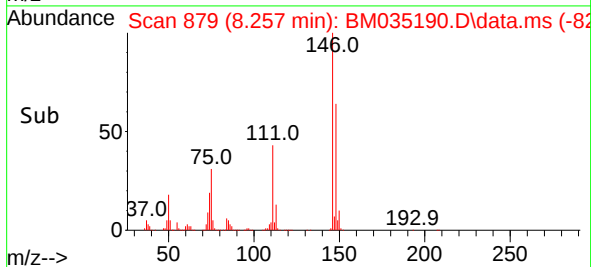
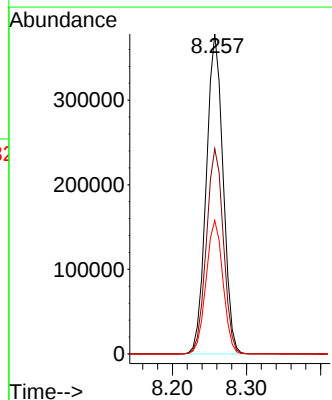
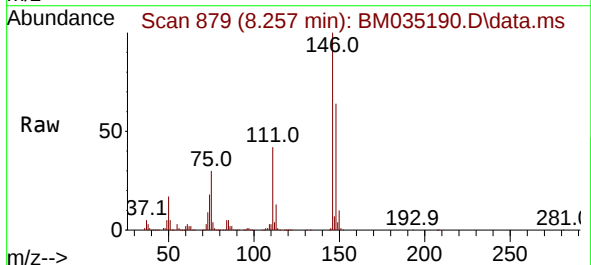
Tgt Ion:146 Resp: 595682

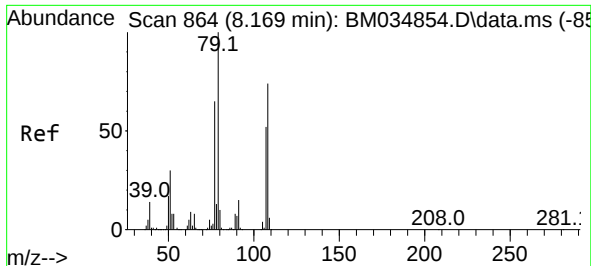
Ion Ratio Lower Upper

146 100

148 64.2 50.7 76.1

111 41.8 33.9 50.9

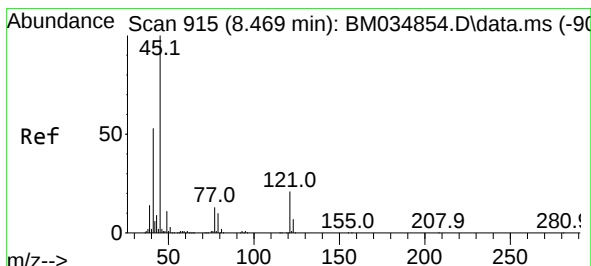
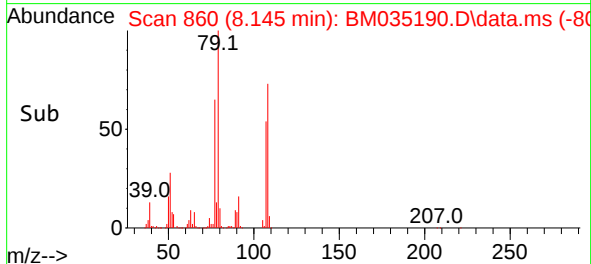
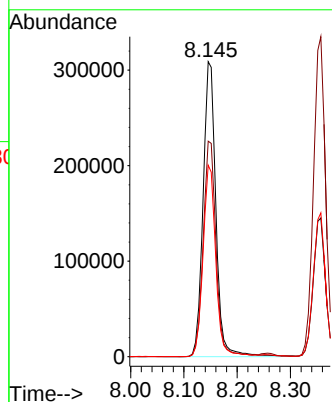
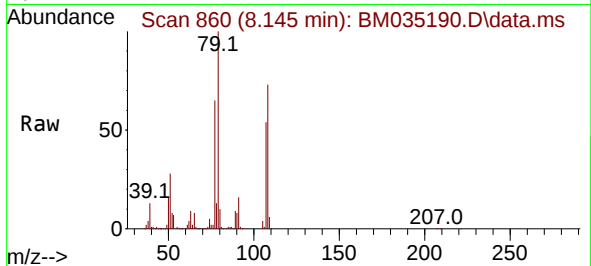




#15
Benzyl Alcohol
Concen: 49.589 ng
RT: 8.145 min Scan# 80
Delta R.T. -0.000 min
Lab File: BM035190.D
Acq: 23 May 2022 12:36

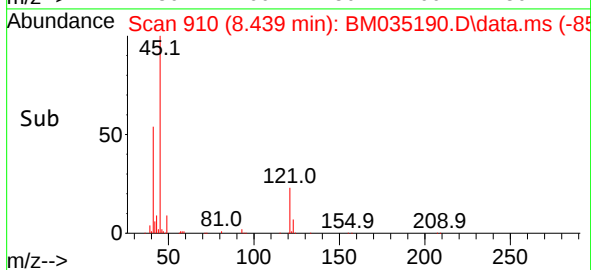
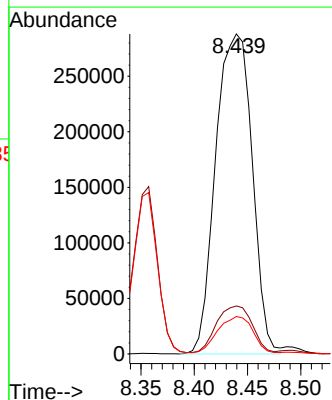
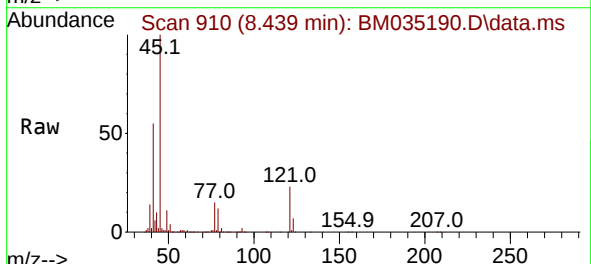
Instrument :
BNA_M
ClientSampleId :
PB144942BS

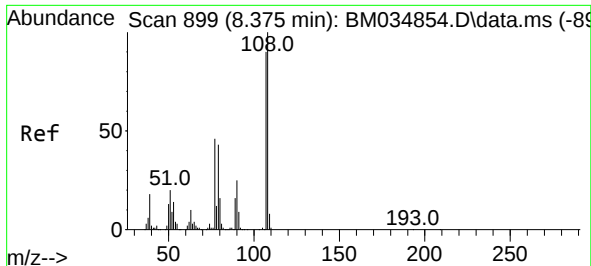
Tgt Ion: 79 Resp: 516366
Ion Ratio Lower Upper
79 100
108 73.0 59.0 88.4
77 64.9 52.2 78.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.497 ng
RT: 8.439 min Scan# 910
Delta R.T. -0.000 min
Lab File: BM035190.D
Acq: 23 May 2022 12:36

Tgt Ion: 45 Resp: 686695
Ion Ratio Lower Upper
45 100
77 15.0 0.0 33.1
79 11.7 0.0 30.5

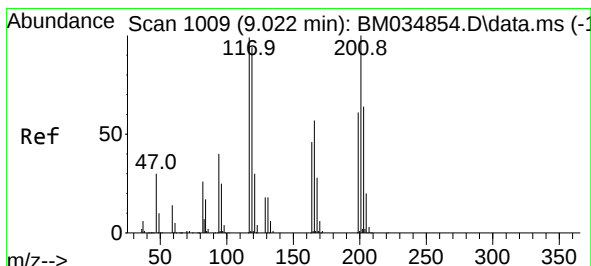
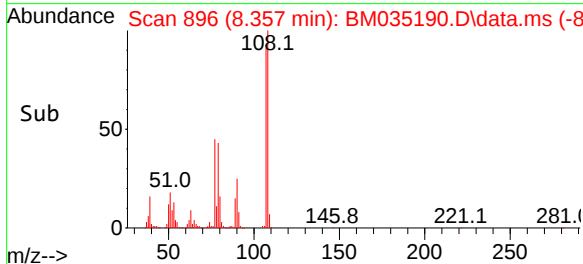
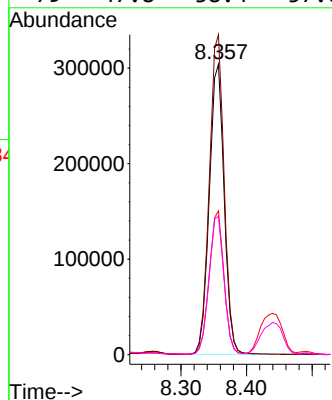
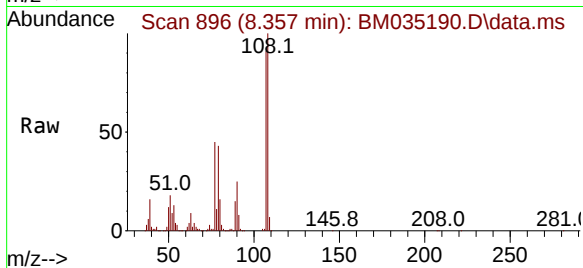




#17
2-Methylphenol
Concen: 49.466 ng
RT: 8.357 min Scan# 899
Delta R.T. 0.006 min
Lab File: BM035190.D
Acq: 23 May 2022 12:36

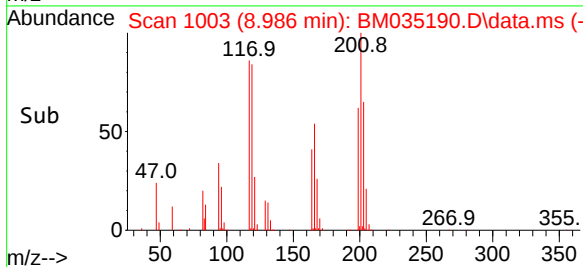
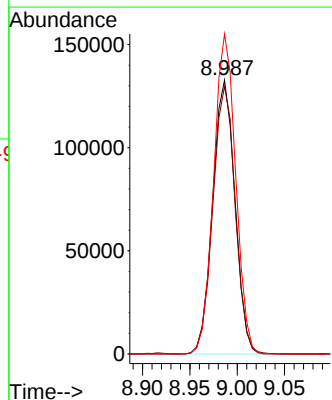
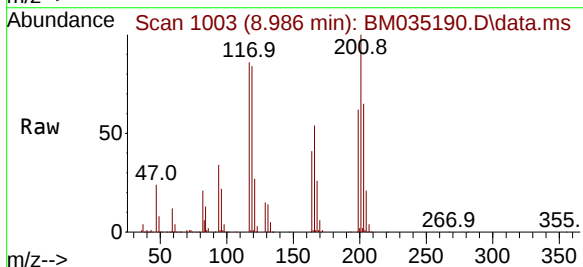
Instrument :
BNA_M
ClientSampleId :
PB144942BS

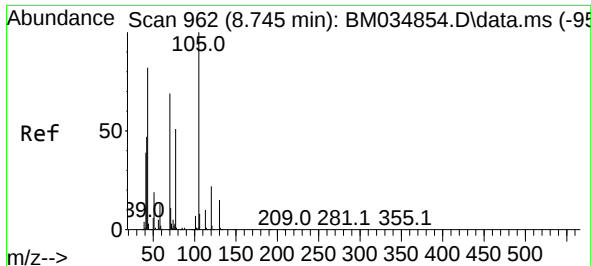
Tgt Ion:	107	Resp:	478645
Ion	Ratio	Lower	Upper
107	100		
108	110.2	88.7	133.1
77	49.5	40.6	60.8
79	47.8	38.4	57.6



#18
Hexachloroethane
Concen: 42.426 ng
RT: 8.986 min Scan# 1003
Delta R.T. -0.000 min
Lab File: BM035190.D
Acq: 23 May 2022 12:36

Tgt Ion:	117	Resp:	216865
Ion	Ratio	Lower	Upper
117	100		
119	97.7	75.8	113.6
201	116.8	81.0	121.4

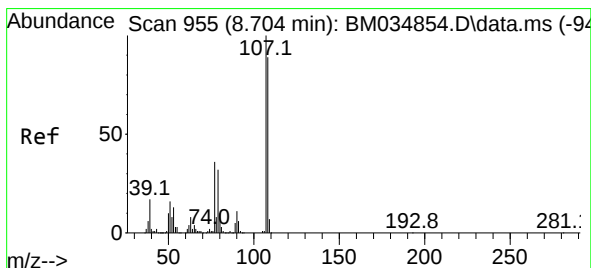
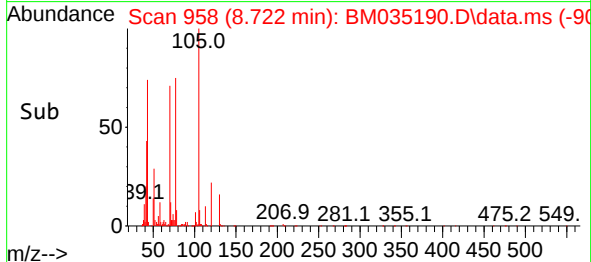
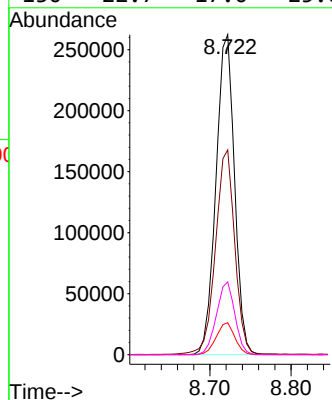
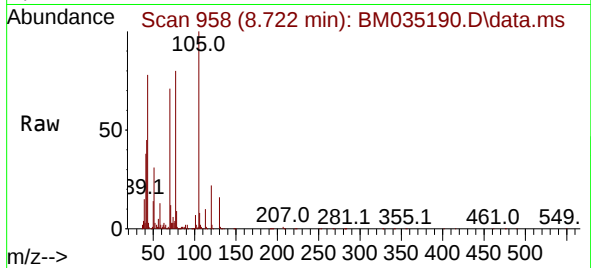




#19
n-Nitroso-di-n-propylamine
Concen: 45.825 ng
RT: 8.722 min Scan# 91
Delta R.T. 0.006 min
Lab File: BM035190.D
Acq: 23 May 2022 12:36

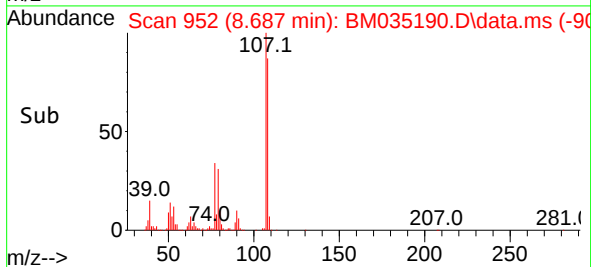
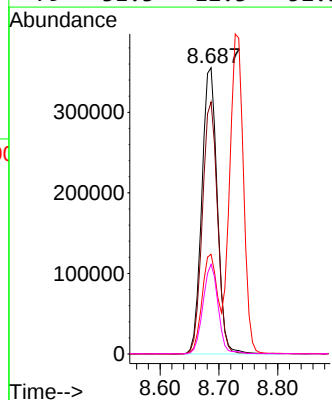
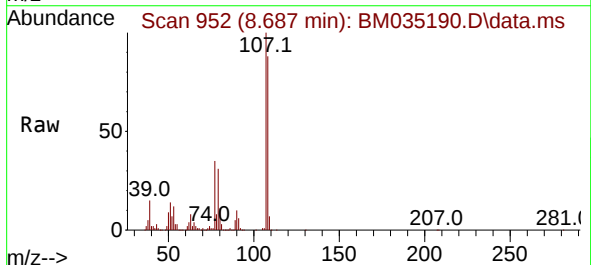
Instrument :
BNA_M
ClientSampleId :
PB144942BS

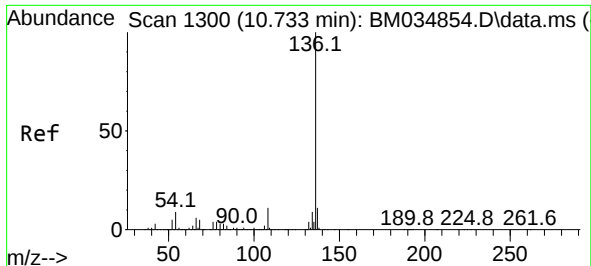
Tgt Ion: 70 Resp: 418008
Ion Ratio Lower Upper
70 100
42 64.0 55.4 83.2
101 10.0 7.8 11.6
130 22.7 17.0 25.6



#20
3+4-Methylphenols
Concen: 48.896 ng
RT: 8.687 min Scan# 952
Delta R.T. 0.006 min
Lab File: BM035190.D
Acq: 23 May 2022 12:36

Tgt Ion:107 Resp: 647366
Ion Ratio Lower Upper
107 100
108 88.0 69.3 109.3
77 34.8 15.8 55.8
79 31.3 12.3 52.3

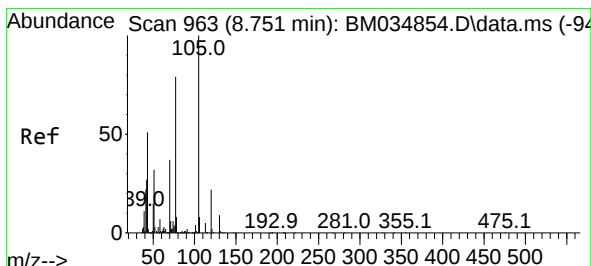
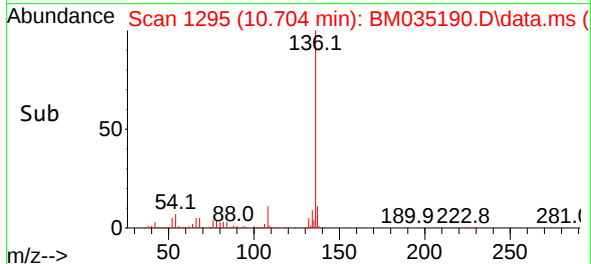
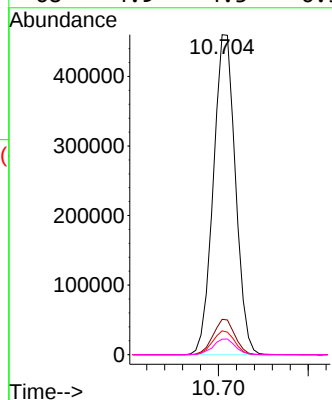
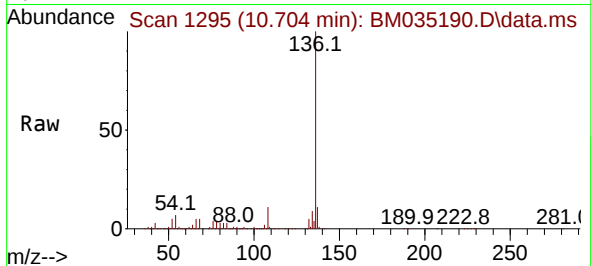




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.704 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM035190.D
Acq: 23 May 2022 12:36

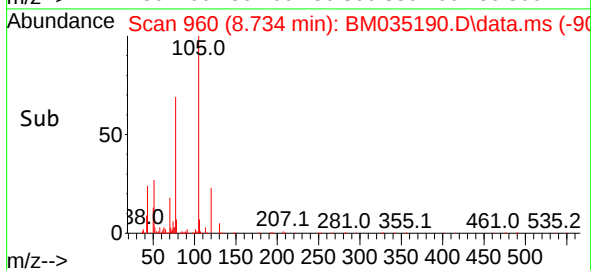
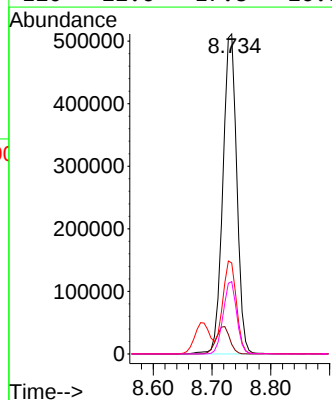
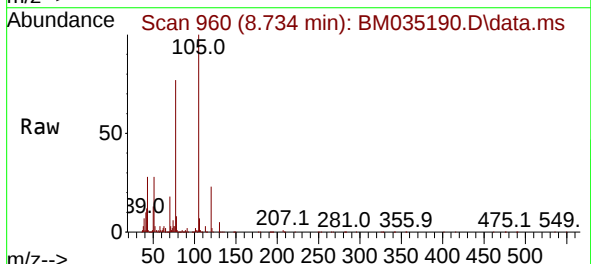
Instrument :
BNA_M
ClientSampleId :
PB144942BS

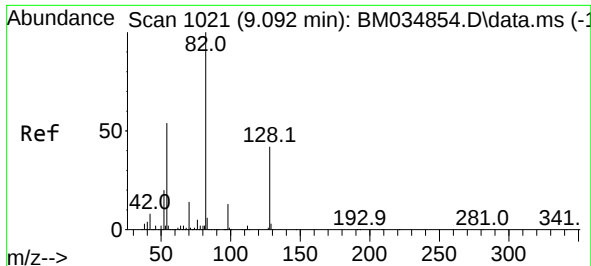
Tgt Ion:136 Resp: 786452
Ion Ratio Lower Upper
136 100
137 11.1 8.9 13.3
54 7.5 7.0 10.4
68 4.9 4.3 6.5



#22
Acetophenone
Concen: 44.286 ng
RT: 8.734 min Scan# 960
Delta R.T. 0.006 min
Lab File: BM035190.D
Acq: 23 May 2022 12:36

Tgt Ion:105 Resp: 843518
Ion Ratio Lower Upper
105 100
71 3.0 5.0 7.4#
51 28.5 25.6 38.4
120 22.6 17.8 26.8

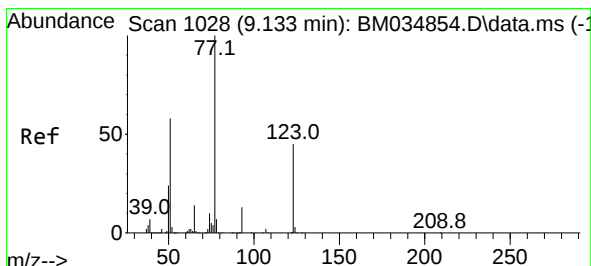
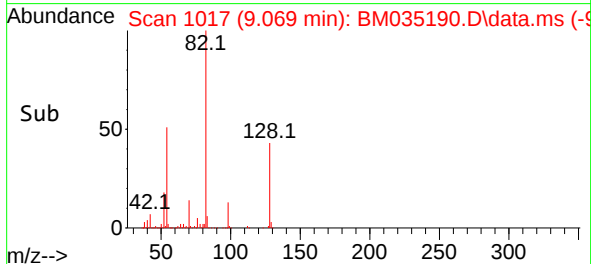
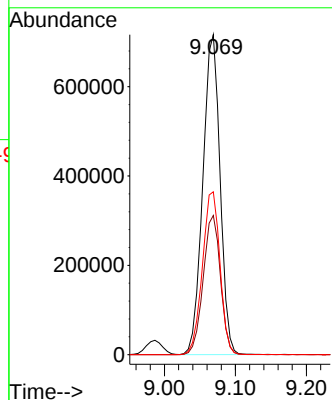
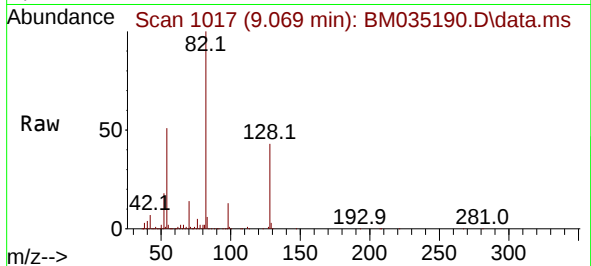




#23
Nitrobenzene-d5
Concen: 83.093 ng
RT: 9.069 min Scan# 1017
Delta R.T. 0.006 min
Lab File: BM035190.D
Acq: 23 May 2022 12:36

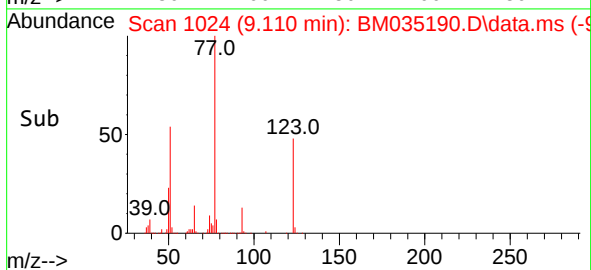
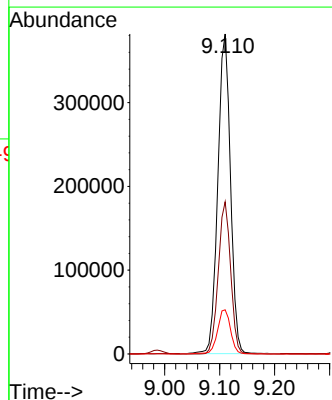
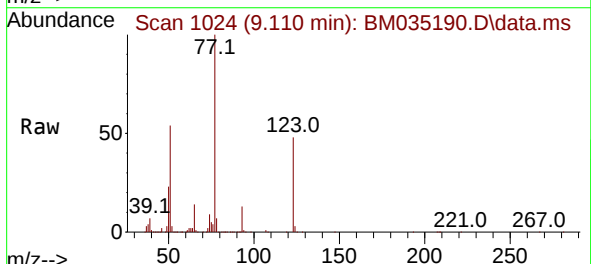
Instrument :
BNA_M
ClientSampleId :
PB144942BS

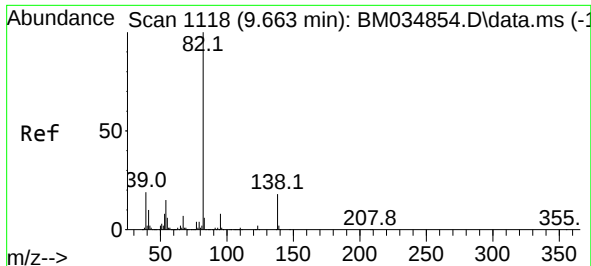
Tgt Ion: 82 Resp: 1210118
Ion Ratio Lower Upper
82 100
128 43.5 33.7 50.5
54 50.9 43.2 64.8



#24
Nitrobenzene
Concen: 41.588 ng
RT: 9.110 min Scan# 1024
Delta R.T. 0.006 min
Lab File: BM035190.D
Acq: 23 May 2022 12:36

Tgt Ion: 77 Resp: 609252
Ion Ratio Lower Upper
77 100
123 47.6 36.2 54.4
65 13.8 11.4 17.0

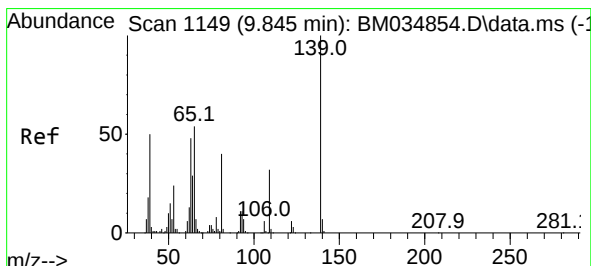
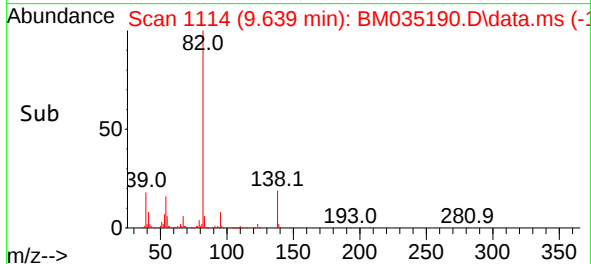
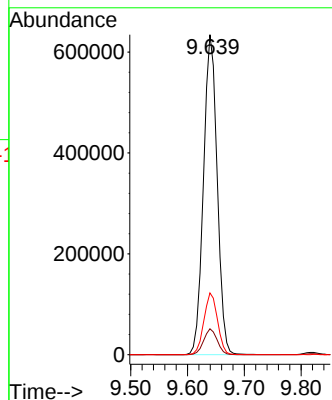
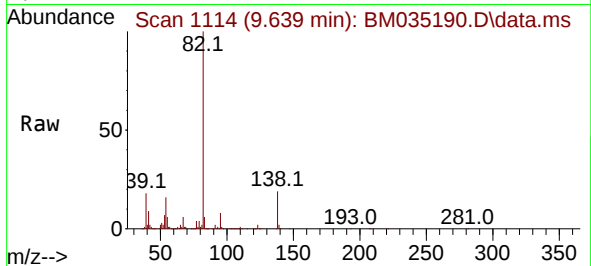




#25
Isophorone
Concen: 43.586 ng
RT: 9.639 min Scan# 1114
Delta R.T. -0.000 min
Lab File: BM035190.D
Acq: 23 May 2022 12:36

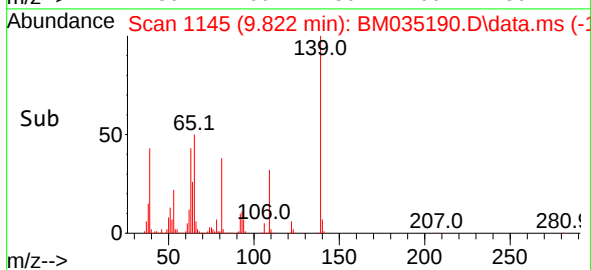
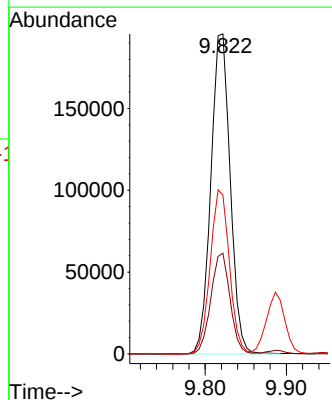
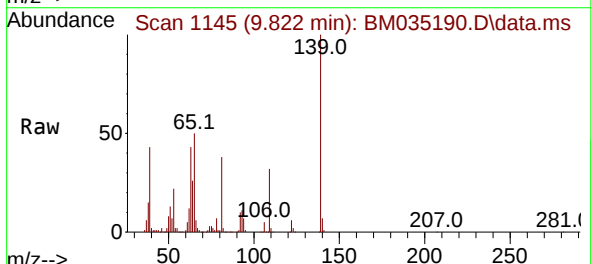
Instrument :
BNA_M
ClientSampleId :
PB144942BS

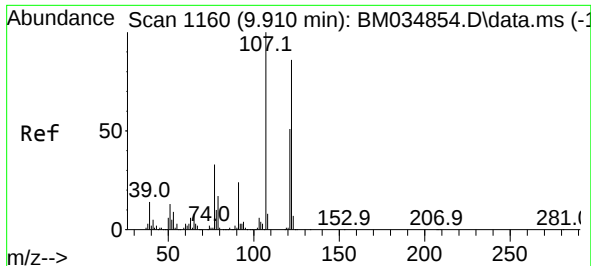
Tgt Ion: 82 Resp: 1061293
Ion Ratio Lower Upper
82 100
95 8.1 6.4 9.6
138 19.3 14.2 21.4



#26
2-Nitrophenol
Concen: 50.712 ng
RT: 9.822 min Scan# 1145
Delta R.T. 0.006 min
Lab File: BM035190.D
Acq: 23 May 2022 12:36

Tgt Ion: 139 Resp: 324179
Ion Ratio Lower Upper
139 100
109 31.5 25.6 38.4
65 49.7 43.2 64.8





#27

2,4-Dimethylphenol

Concen: 53.234 ng

RT: 9.886 min Scan# 1156

Delta R.T. 0.006 min

Lab File: BM035190.D

Acq: 23 May 2022 12:36

Instrument :

BNA_M

ClientSampleId :

PB144942BS

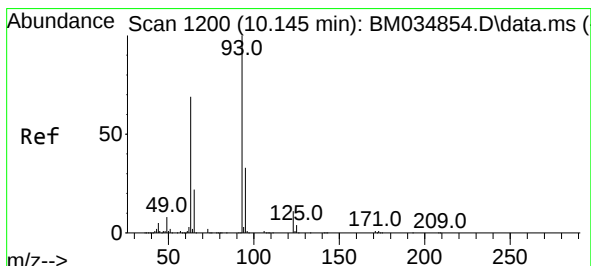
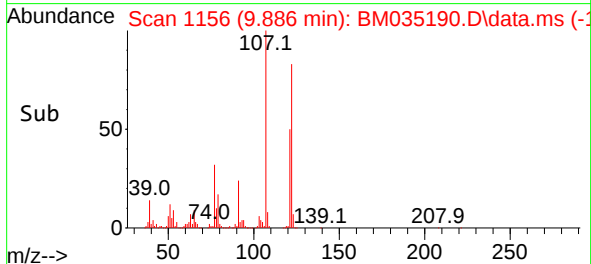
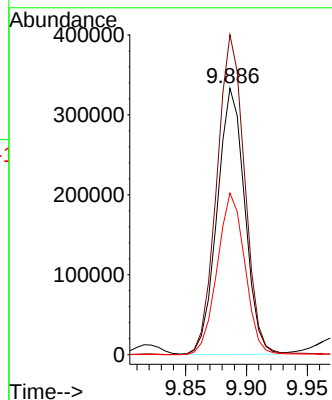
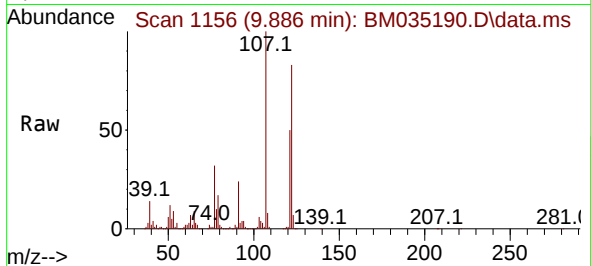
Tgt Ion:122 Resp: 524761

Ion Ratio Lower Upper

122 100

107 120.1 92.4 138.6

121 60.7 47.4 71.0



#28

bis(2-Chloroethoxy)methane

Concen: 47.617 ng

RT: 10.122 min Scan# 1196

Delta R.T. -0.000 min

Lab File: BM035190.D

Acq: 23 May 2022 12:36

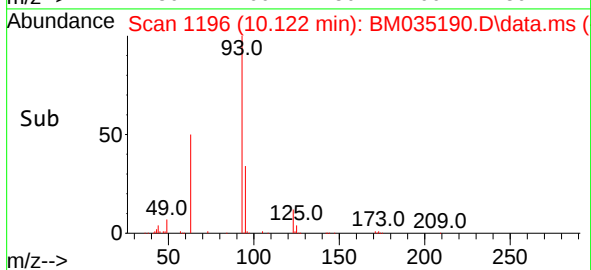
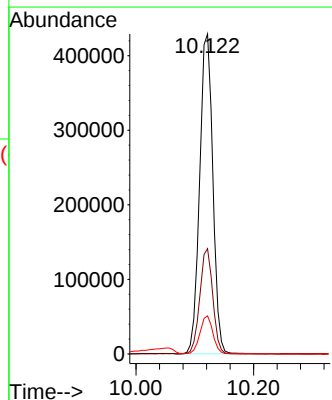
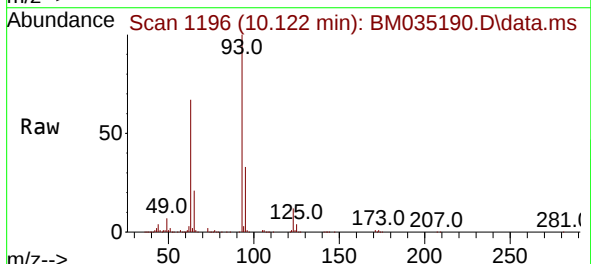
Tgt Ion: 93 Resp: 667252

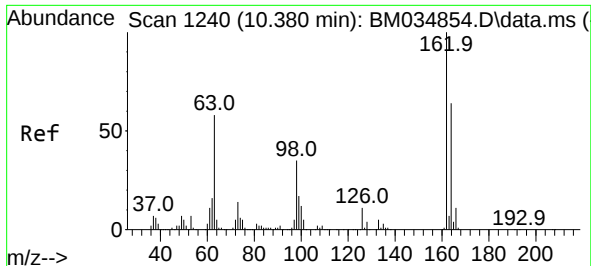
Ion Ratio Lower Upper

93 100

95 32.9 26.1 39.1

123 11.9 9.0 13.4





#29

2,4-Dichlorophenol

Concen: 49.701 ng

RT: 10.357 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM035190.D

Acq: 23 May 2022 12:36

Instrument :

BNA_M

ClientSampleId :

PB144942BS

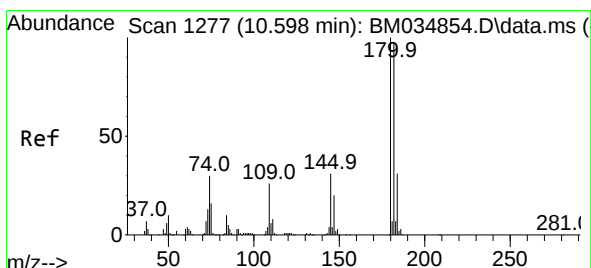
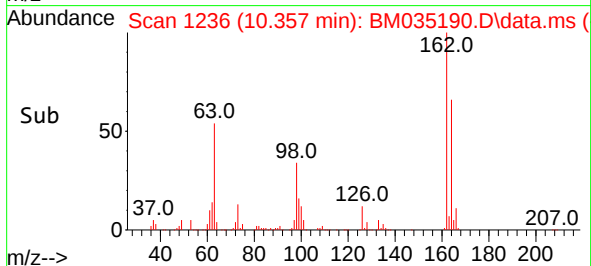
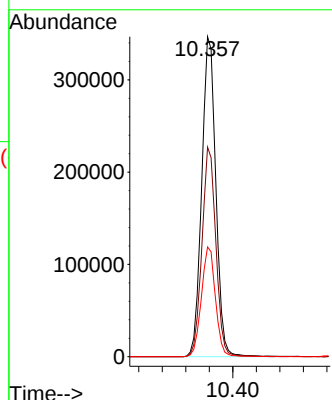
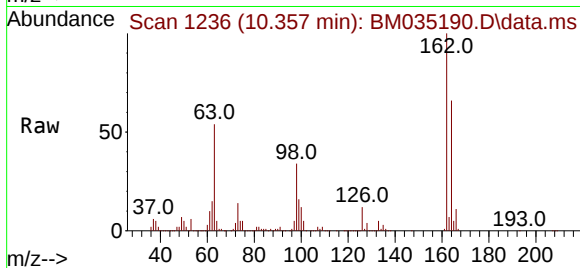
Tgt Ion:162 Resp: 577636

Ion Ratio Lower Upper

162 100

164 65.5 44.2 84.2

98 34.3 15.0 55.0



#30

1,2,4-Trichlorobenzene

Concen: 46.954 ng

RT: 10.575 min Scan# 1273

Delta R.T. -0.000 min

Lab File: BM035190.D

Acq: 23 May 2022 12:36

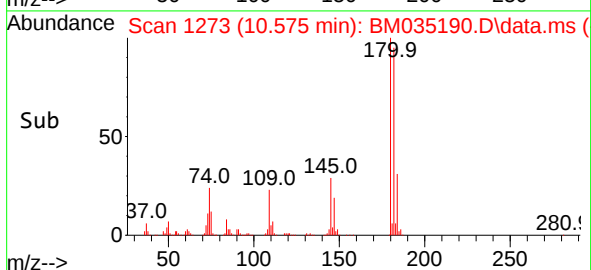
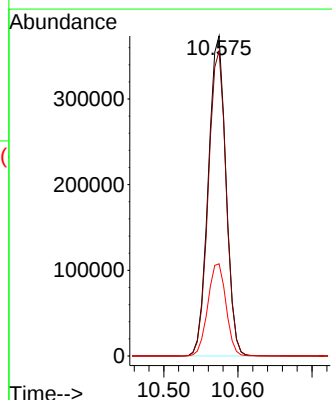
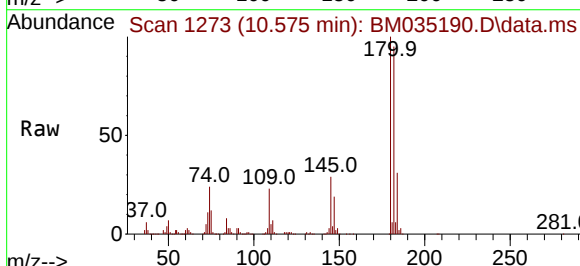
Tgt Ion:180 Resp: 617696

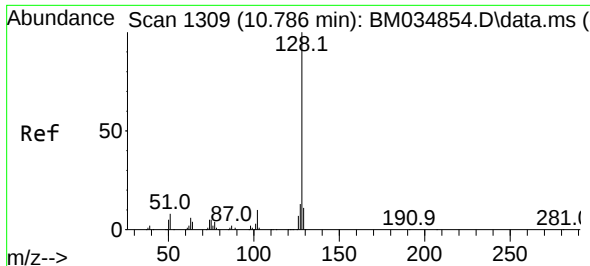
Ion Ratio Lower Upper

180 100

182 95.3 77.9 116.9

145 28.8 25.0 37.6

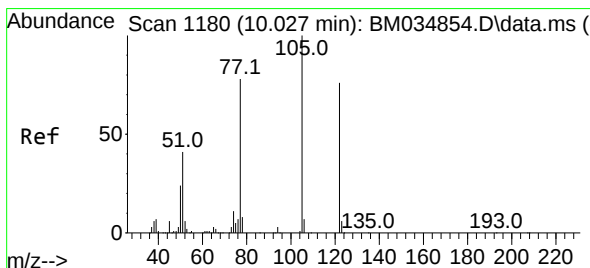
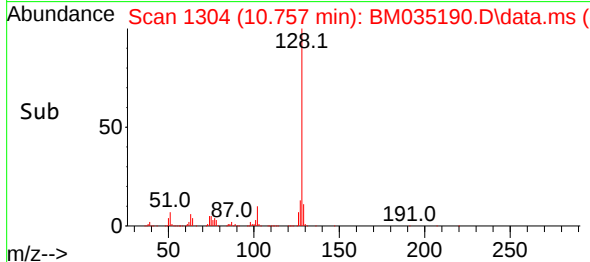
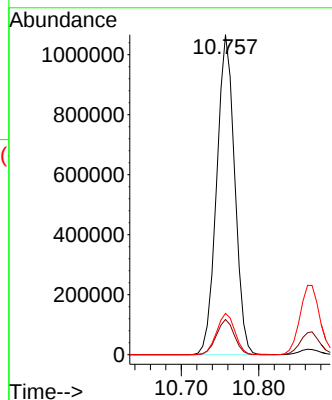
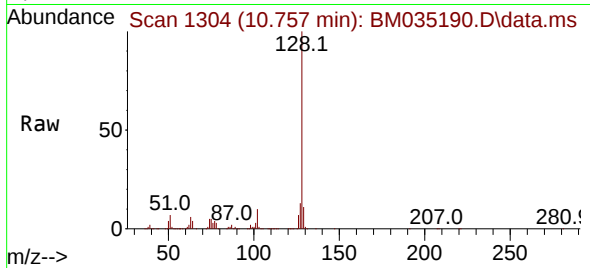




#31
Naphthalene
Concen: 42.386 ng
RT: 10.757 min Scan# 1184
Delta R.T. -0.000 min
Lab File: BM035190.D
Acq: 23 May 2022 12:36

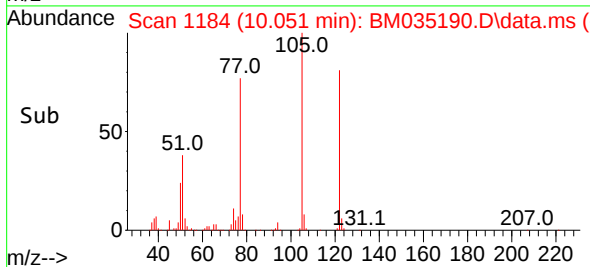
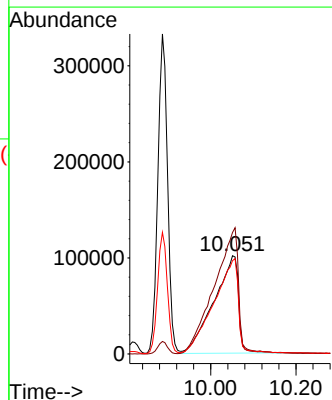
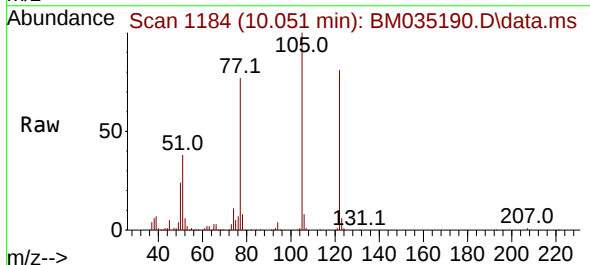
Instrument :
BNA_M
ClientSampleId :
PB144942BS

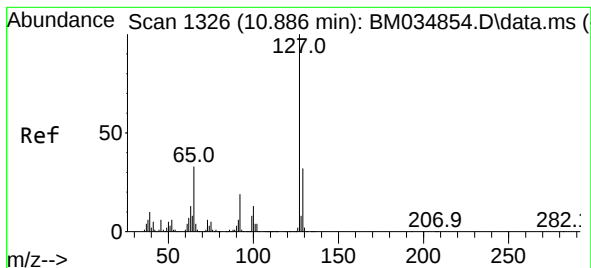
Tgt Ion:128 Resp: 1719584
Ion Ratio Lower Upper
128 100
129 11.0 8.7 13.1
127 12.9 10.6 16.0



#32
Benzoic acid
Concen: 51.341 ng
RT: 10.051 min Scan# 1184
Delta R.T. 0.029 min
Lab File: BM035190.D
Acq: 23 May 2022 12:36

Tgt Ion:122 Resp: 406029
Ion Ratio Lower Upper
122 100
105 123.5 105.7 145.7
77 94.9 80.0 120.0

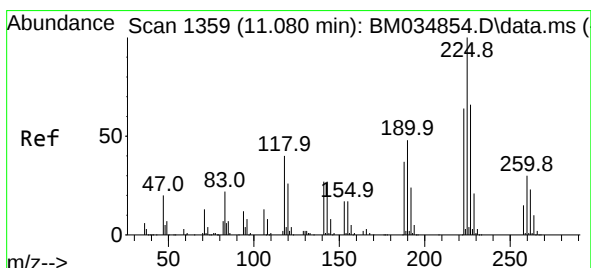
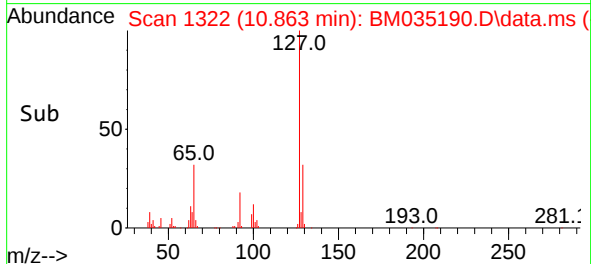
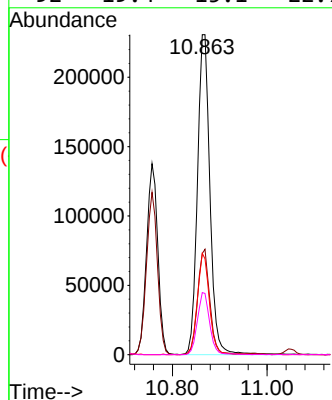
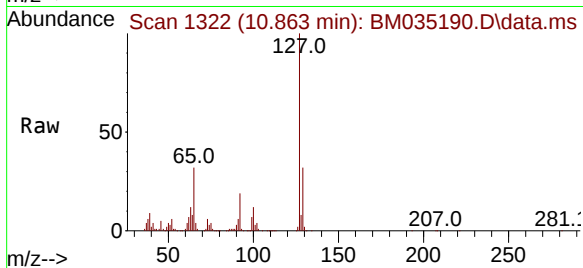




#33
4-Chloroaniline
Concen: 25.969 ng
RT: 10.863 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM035190.D
Acq: 23 May 2022 12:36

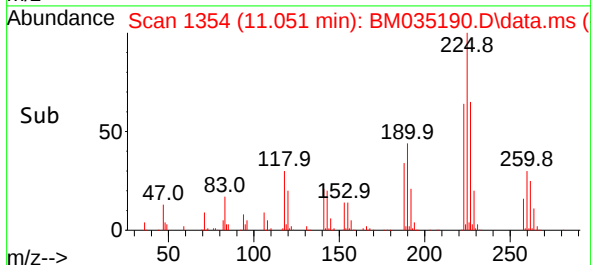
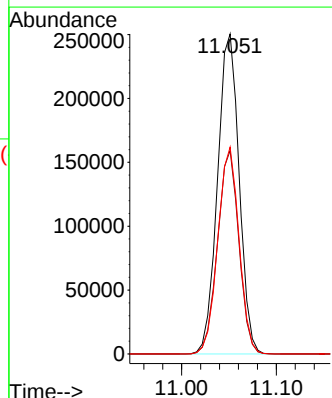
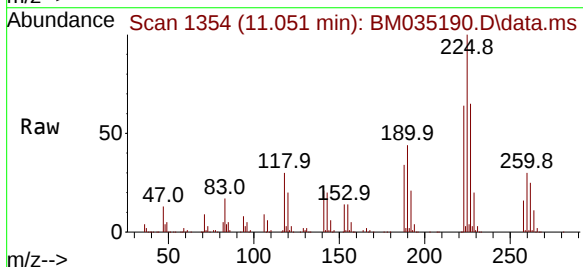
Instrument :
BNA_M
ClientSampleId :
PB144942BS

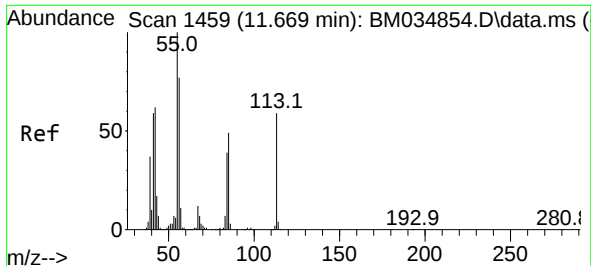
Tgt Ion:	127	Resp:	423797
Ion	Ratio	Lower	Upper
127	100		
129	31.6	25.7	38.5
65	31.7	26.6	40.0
92	19.4	15.1	22.7



#34
Hexachlorobutadiene
Concen: 48.809 ng
RT: 11.051 min Scan# 1354
Delta R.T. -0.000 min
Lab File: BM035190.D
Acq: 23 May 2022 12:36

Tgt Ion:	225	Resp:	396446
Ion	Ratio	Lower	Upper
225	100		
223	63.5	50.8	76.2
227	64.7	52.7	79.1

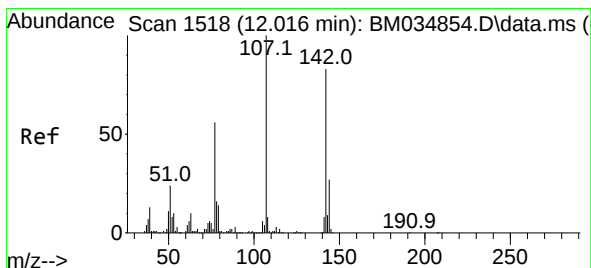
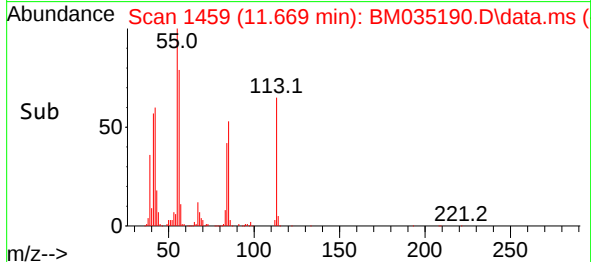
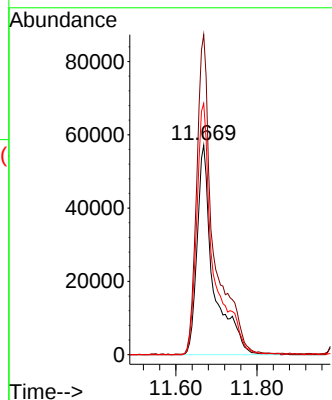
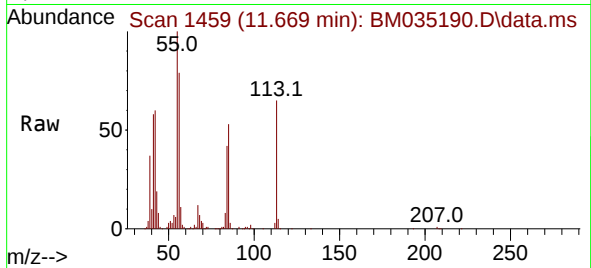




#35
 Caprolactam
 Concen: 48.124 ng
 RT: 11.669 min Scan# 1459
 Delta R.T. 0.018 min
 Lab File: BM035190.D
 Acq: 23 May 2022 12:36

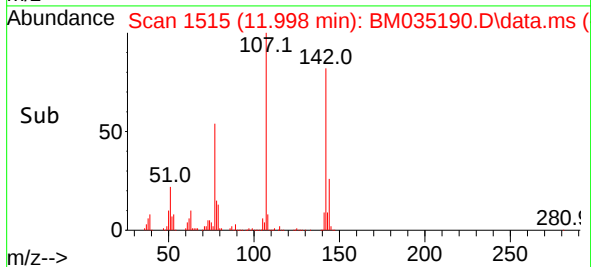
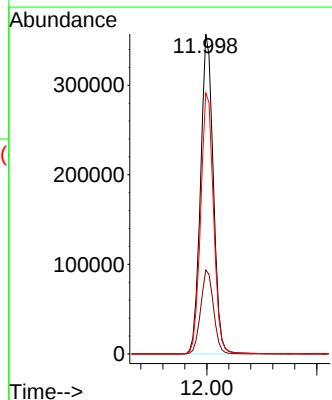
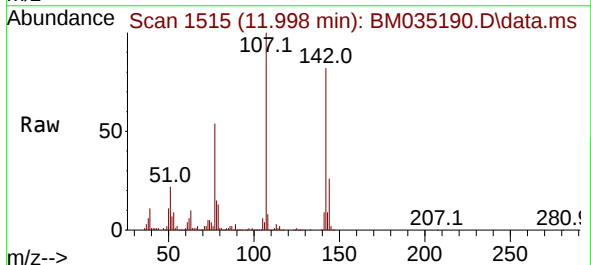
Instrument :
 BNA_M
 ClientSampleId :
 PB144942BS

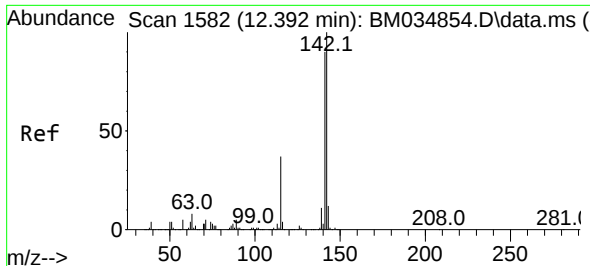
Tgt Ion:113 Resp: 161542
 Ion Ratio Lower Upper
 113 100
 55 152.8 150.1 190.1
 56 120.0 111.7 151.7



#36
 4-Chloro-3-methylphenol
 Concen: 47.919 ng
 RT: 11.998 min Scan# 1515
 Delta R.T. 0.006 min
 Lab File: BM035190.D
 Acq: 23 May 2022 12:36

Tgt Ion:107 Resp: 576299
 Ion Ratio Lower Upper
 107 100
 144 26.2 21.4 32.0
 142 81.5 66.7 100.1

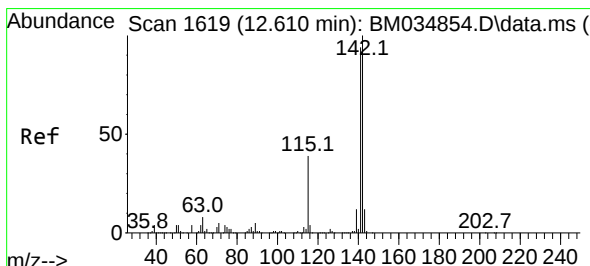
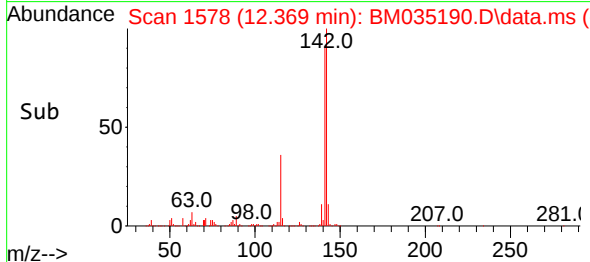
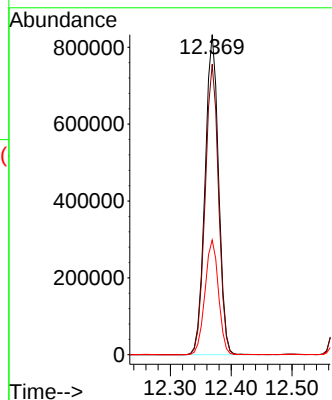
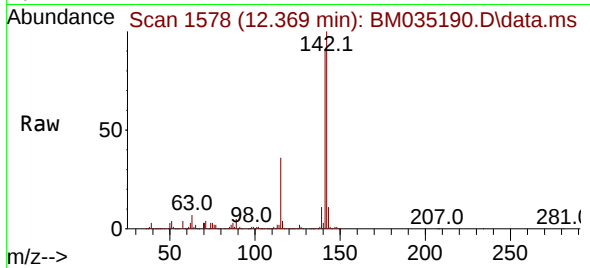




#37
2-Methylnaphthalene
Concen: 45.707 ng
RT: 12.369 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM035190.D
Acq: 23 May 2022 12:36

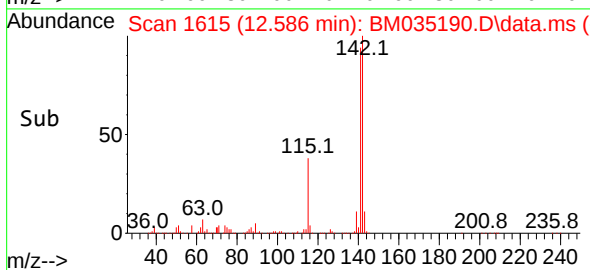
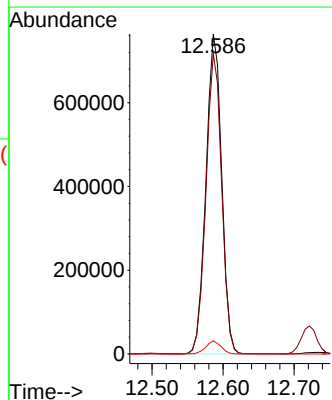
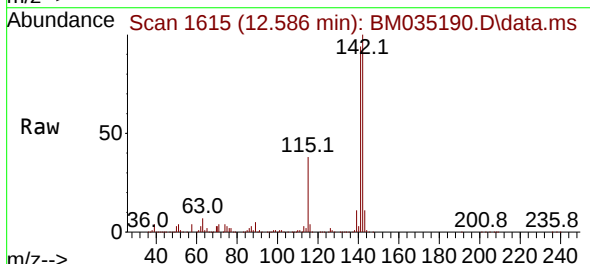
Instrument :
BNA_M
ClientSampleId :
PB144942BS

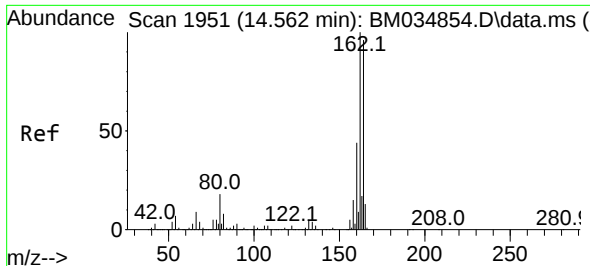
Tgt Ion:142 Resp: 1284878
Ion Ratio Lower Upper
142 100
141 90.8 72.4 108.6
115 35.9 29.6 44.4



#38
1-Methylnaphthalene
Concen: 42.776 ng
RT: 12.586 min Scan# 1615
Delta R.T. -0.000 min
Lab File: BM035190.D
Acq: 23 May 2022 12:36

Tgt Ion:142 Resp: 1174282
Ion Ratio Lower Upper
142 100
141 93.7 75.0 112.4
116 4.1 3.4 5.2

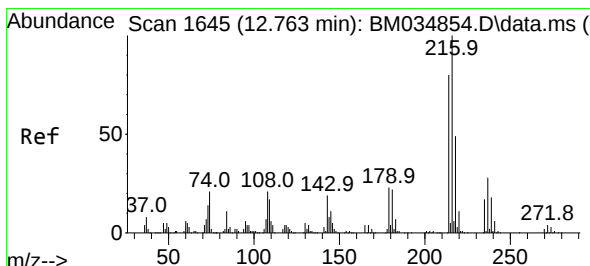
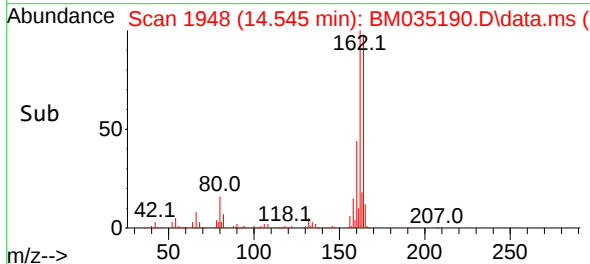
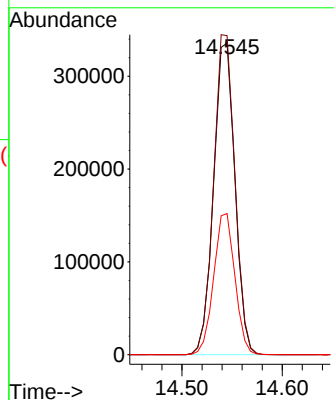
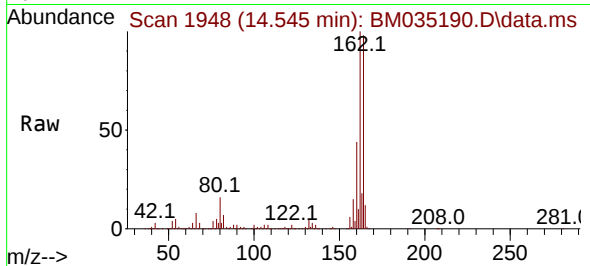




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.545 min Scan# 1951
Delta R.T. -0.000 min
Lab File: BM035190.D
Acq: 23 May 2022 12:36

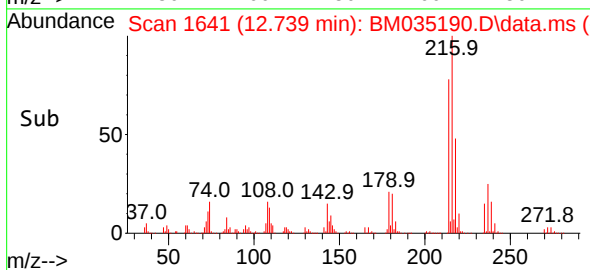
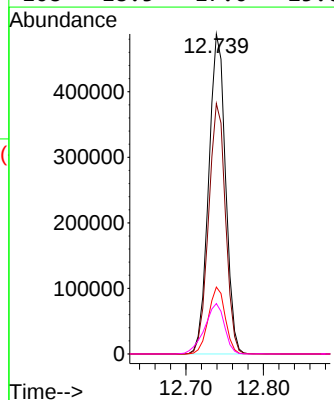
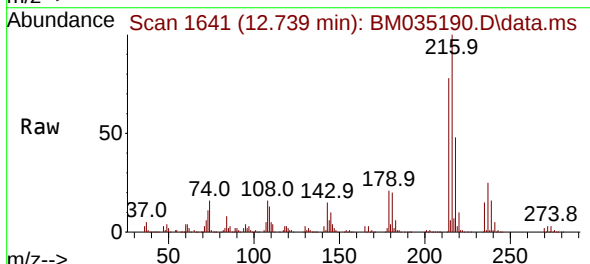
Instrument :
BNA_M
ClientSampleId :
PB144942BS

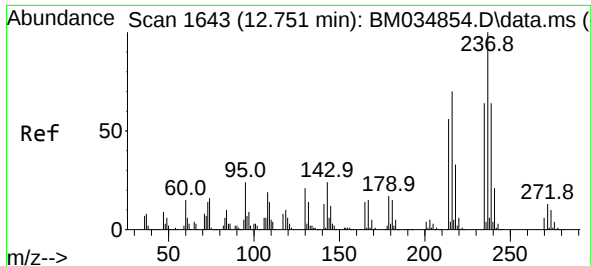
Tgt Ion:164 Resp: 496017
Ion Ratio Lower Upper
164 100
162 102.4 83.0 124.6
160 45.3 37.0 55.4



#40
1,2,4,5-Tetrachlorobenzene
Concen: 52.304 ng
RT: 12.739 min Scan# 1641
Delta R.T. -0.000 min
Lab File: BM035190.D
Acq: 23 May 2022 12:36

Tgt Ion:216 Resp: 738731
Ion Ratio Lower Upper
216 100
214 78.4 62.6 94.0
179 20.9 18.2 27.2
108 18.5 17.0 25.6

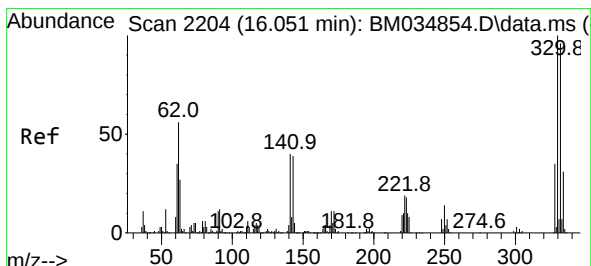
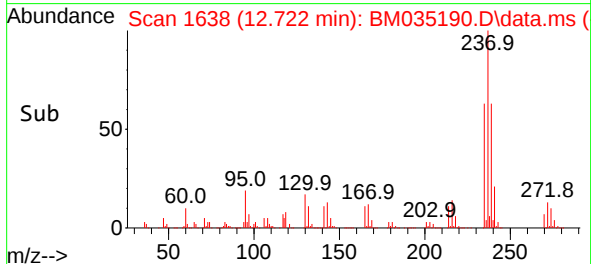
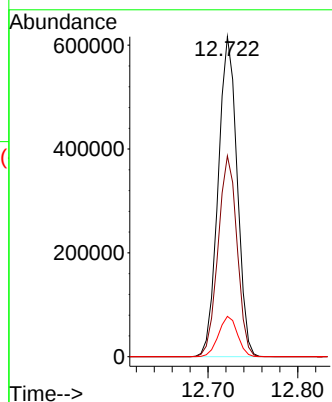
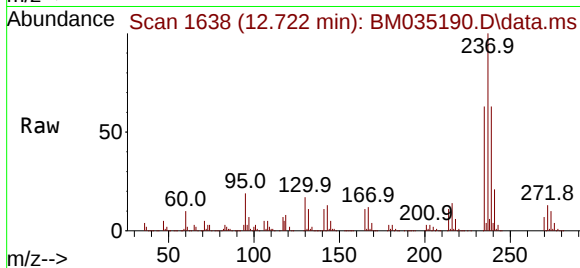




#41
Hexachlorocyclopentadiene
Concen: 106.933 ng
RT: 12.722 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM035190.D
Acq: 23 May 2022 12:36

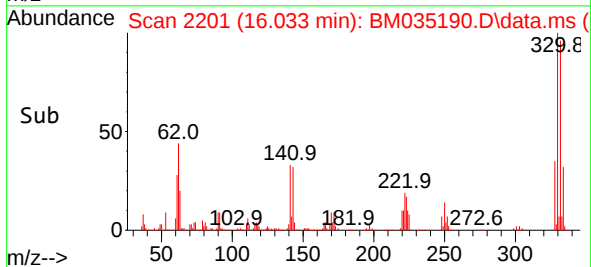
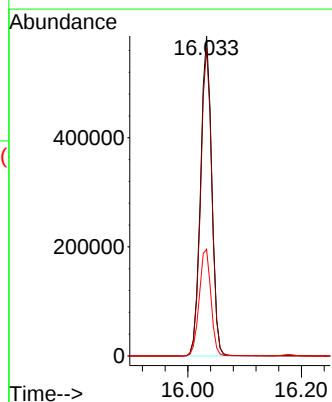
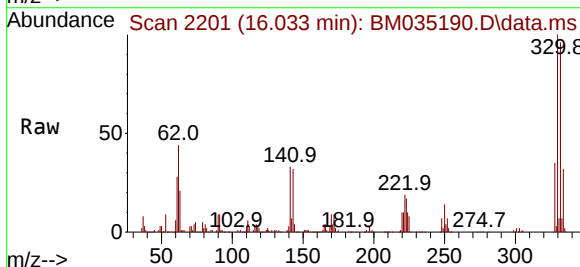
Instrument :
BNA_M
ClientSampleId :
PB144942BS

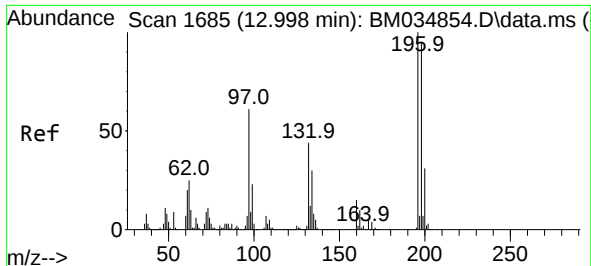
Tgt Ion:237 Resp: 904247
Ion Ratio Lower Upper
237 100
235 62.8 43.8 83.8
272 12.6 0.0 32.5



#42
2,4,6-Tribromophenol
Concen: 148.661 ng
RT: 16.033 min Scan# 2201
Delta R.T. -0.000 min
Lab File: BM035190.D
Acq: 23 May 2022 12:36

Tgt Ion:330 Resp: 802128
Ion Ratio Lower Upper
330 100
332 96.4 77.0 115.4
141 34.8 35.3 52.9#

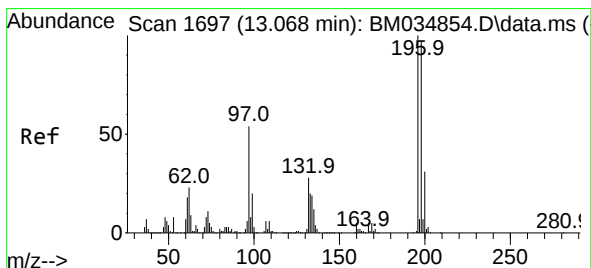
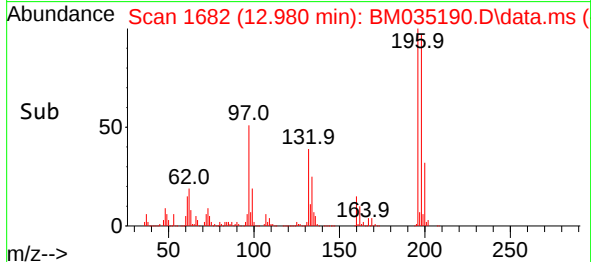
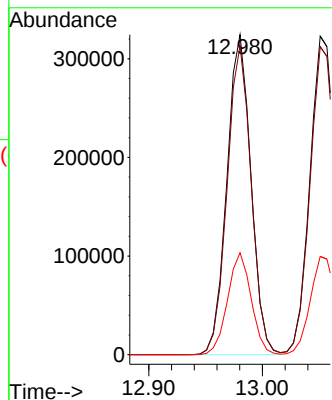
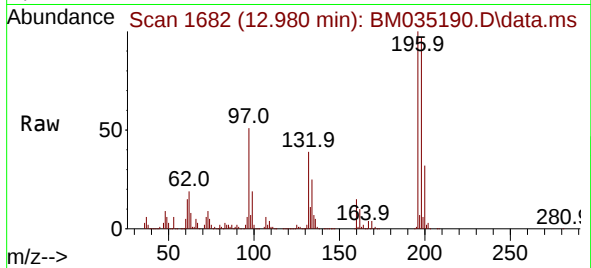




#43
2,4,6-Trichlorophenol
Concen: 50.004 ng
RT: 12.980 min Scan# 1682
Delta R.T. -0.000 min
Lab File: BM035190.D
Acq: 23 May 2022 12:36

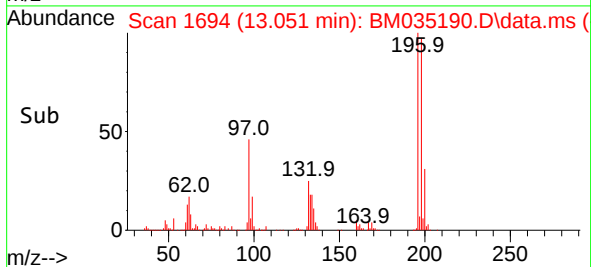
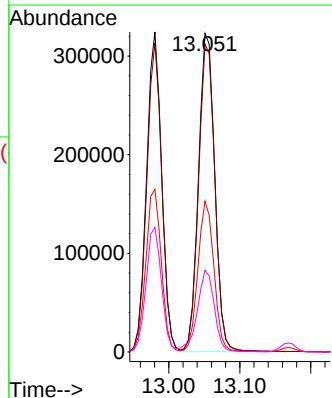
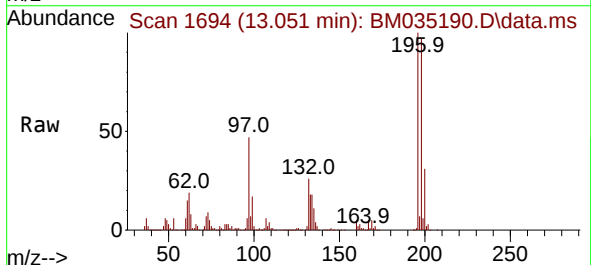
Instrument :
BNA_M
ClientSampleId :
PB144942BS

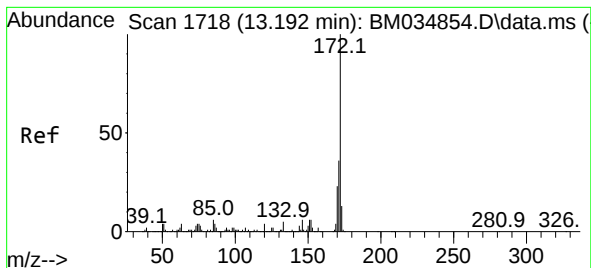
Tgt Ion:196 Resp: 478094
Ion Ratio Lower Upper
196 100
198 96.6 75.8 113.6
200 31.9 24.9 37.3



#44
2,4,5-Trichlorophenol
Concen: 48.664 ng
RT: 13.051 min Scan# 1694
Delta R.T. -0.000 min
Lab File: BM035190.D
Acq: 23 May 2022 12:36

Tgt Ion:196 Resp: 516672
Ion Ratio Lower Upper
196 100
198 96.7 77.8 116.6
97 47.3 43.4 65.2
132 25.7 22.8 34.2





#45

2-Fluorobiphenyl

Concen: 87.928 ng

RT: 13.169 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM035190.D

Acq: 23 May 2022 12:36

Instrument :

BNA_M

ClientSampleId :

PB144942BS

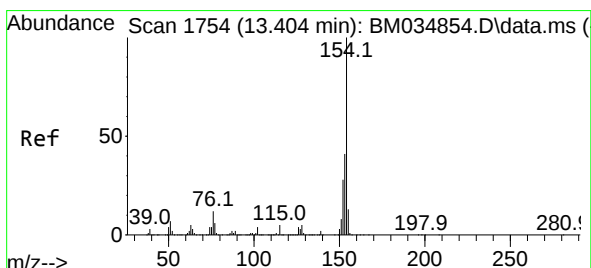
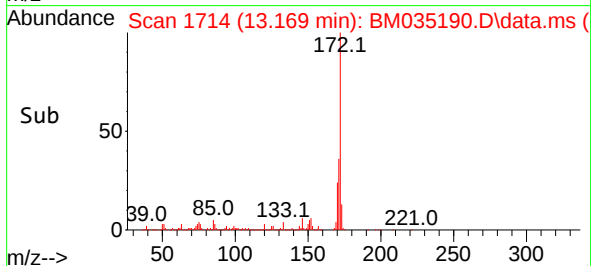
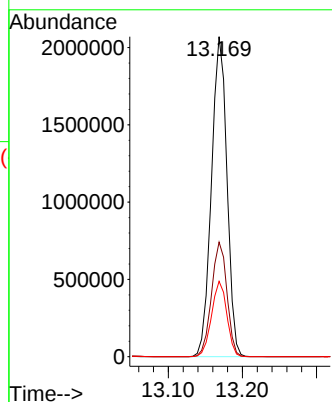
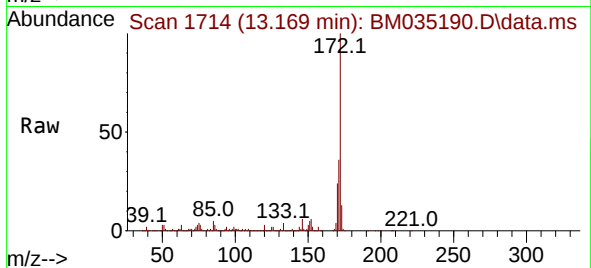
Tgt Ion:172 Resp: 3004384

Ion Ratio Lower Upper

172 100

171 35.8 28.5 42.7

170 23.6 18.7 28.1



#46

1,1'-Biphenyl

Concen: 44.858 ng

RT: 13.380 min Scan# 1750

Delta R.T. -0.000 min

Lab File: BM035190.D

Acq: 23 May 2022 12:36

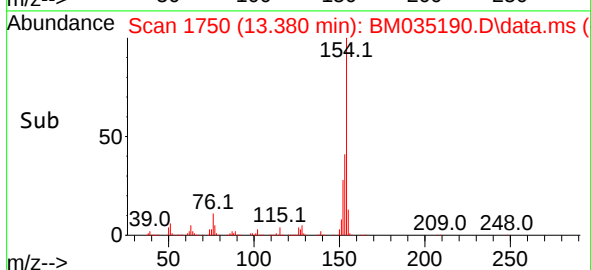
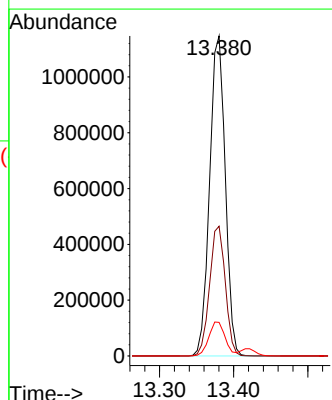
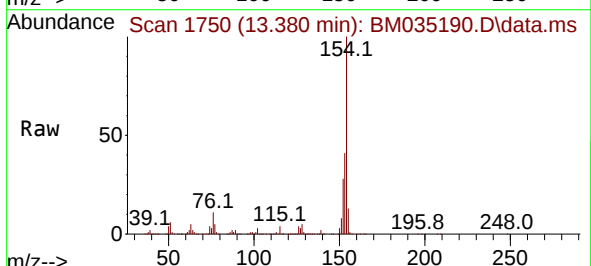
Tgt Ion:154 Resp: 1676291

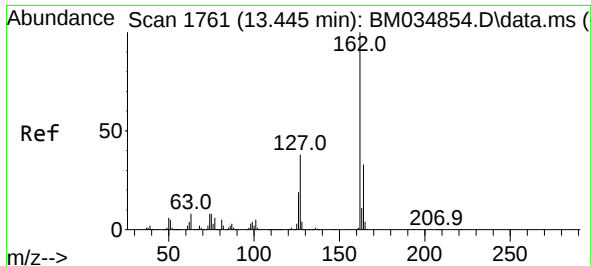
Ion Ratio Lower Upper

154 100

153 40.6 20.5 60.5

76 10.5 0.0 31.8

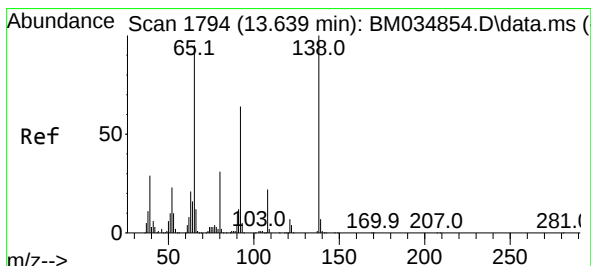
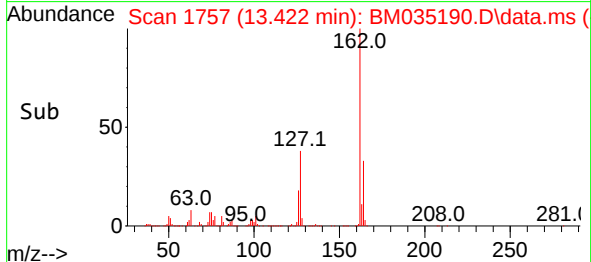
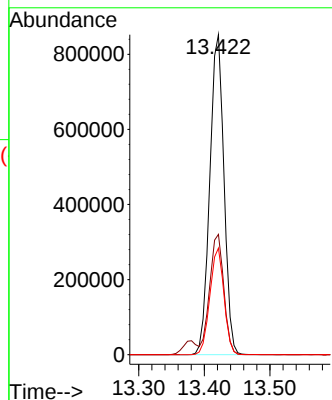
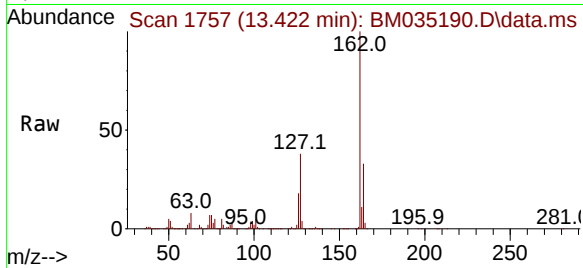




#47
2-Chloronaphthalene
Concen: 44.025 ng
RT: 13.422 min Scan# 1757
Delta R.T. -0.000 min
Lab File: BM035190.D
Acq: 23 May 2022 12:36

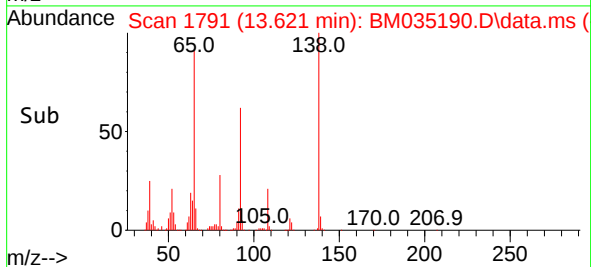
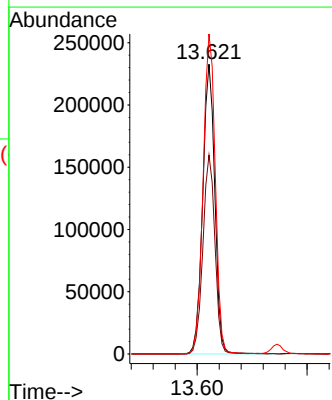
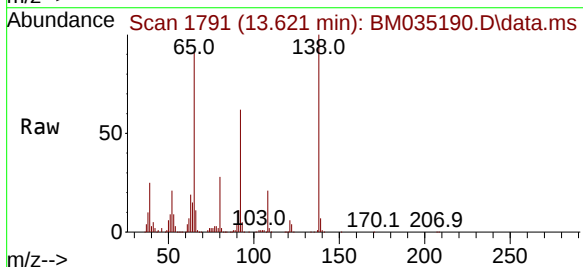
Instrument :
BNA_M
ClientSampleId :
PB144942BS

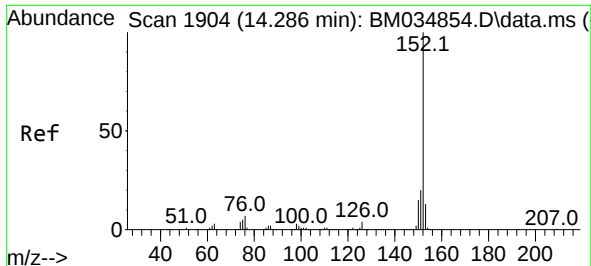
Tgt Ion:162 Resp: 1282085
Ion Ratio Lower Upper
162 100
127 37.6 30.6 45.8
164 33.3 26.6 39.8



#48
2-Nitroaniline
Concen: 42.602 ng
RT: 13.621 min Scan# 1791
Delta R.T. -0.000 min
Lab File: BM035190.D
Acq: 23 May 2022 12:36

Tgt Ion: 65 Resp: 356896
Ion Ratio Lower Upper
65 100
92 68.6 53.7 80.5
138 110.4 83.9 125.9

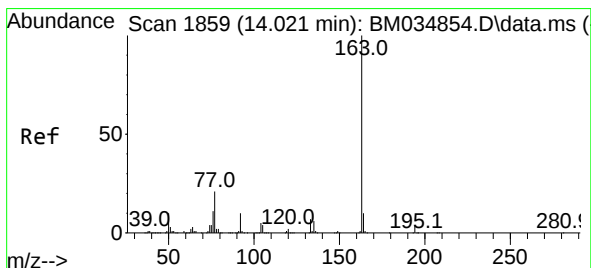
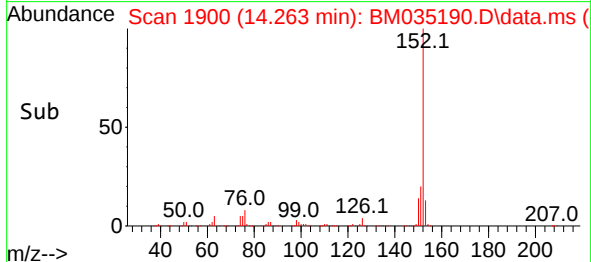
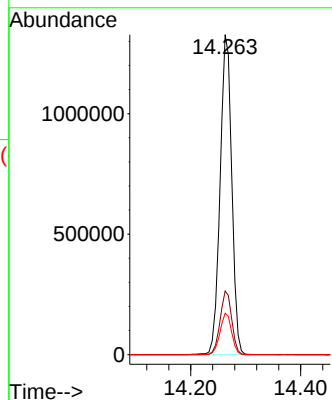
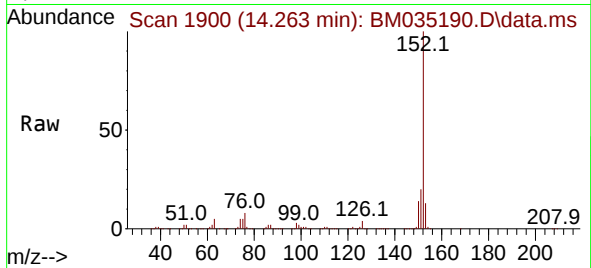




#49
Acenaphthylene
Concen: 43.474 ng
RT: 14.263 min Scan# 1904
Delta R.T. -0.000 min
Lab File: BM035190.D
Acq: 23 May 2022 12:36

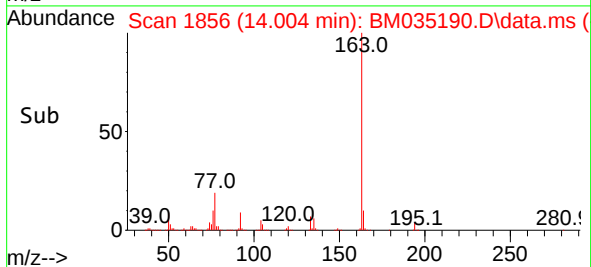
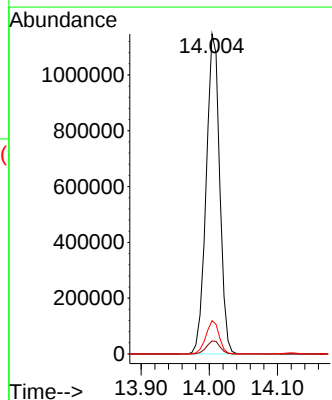
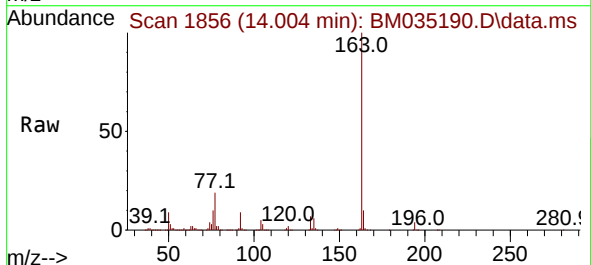
Instrument :
BNA_M
ClientSampleId :
PB144942BS

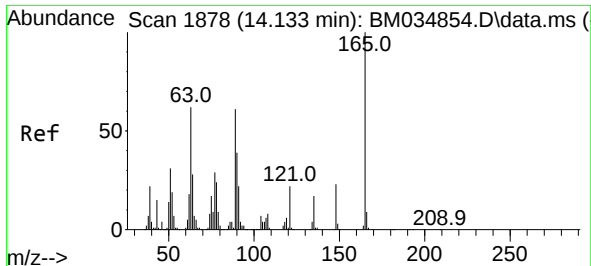
Tgt Ion:152 Resp: 1949186
Ion Ratio Lower Upper
152 100
151 19.9 16.2 24.2
153 12.9 10.5 15.7



#50
Dimethylphthalate
Concen: 42.615 ng
RT: 14.004 min Scan# 1856
Delta R.T. -0.000 min
Lab File: BM035190.D
Acq: 23 May 2022 12:36

Tgt Ion:163 Resp: 1575926
Ion Ratio Lower Upper
163 100
194 4.1 3.0 4.4
164 10.4 8.4 12.6





#51

2,6-Dinitrotoluene

Concen: 46.186 ng

RT: 14.121 min Scan# 1

Delta R.T. 0.006 min

Lab File: BM035190.D

Acq: 23 May 2022 12:36

Instrument :

BNA_M

ClientSampleId :

PB144942BS

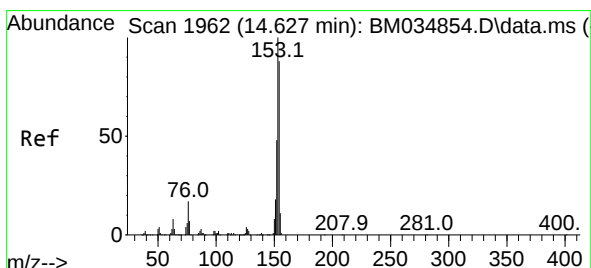
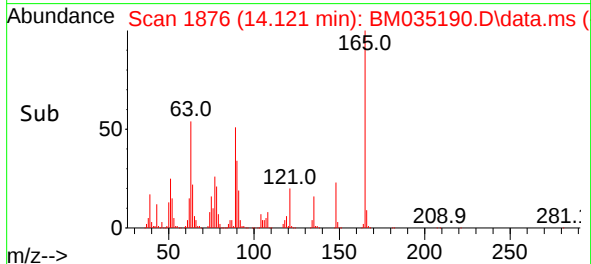
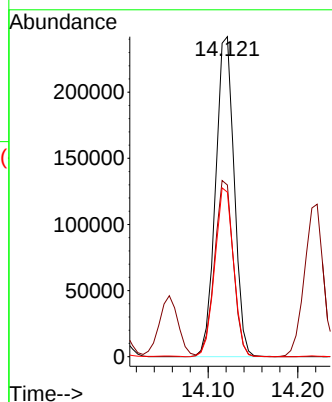
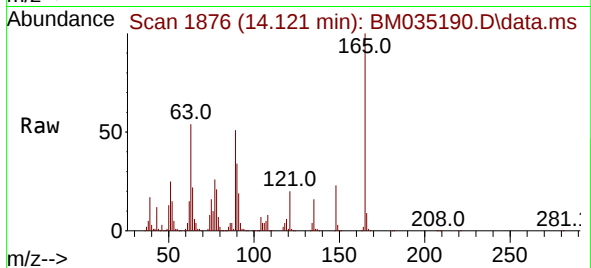
Tgt Ion:165 Resp: 347738

Ion Ratio Lower Upper

165 100

63 53.7 50.2 75.2

89 51.4 48.4 72.6



#52

Acenaphthene

Concen: 38.270 ng

RT: 14.610 min Scan# 1959

Delta R.T. -0.000 min

Lab File: BM035190.D

Acq: 23 May 2022 12:36

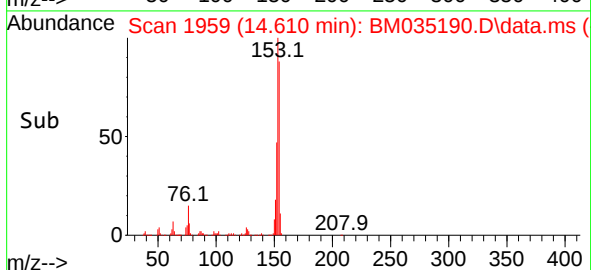
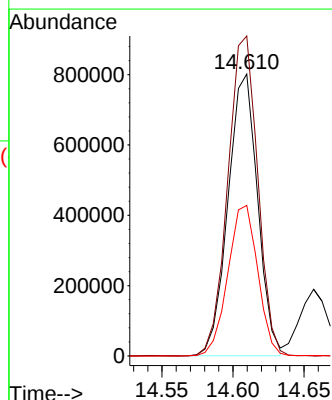
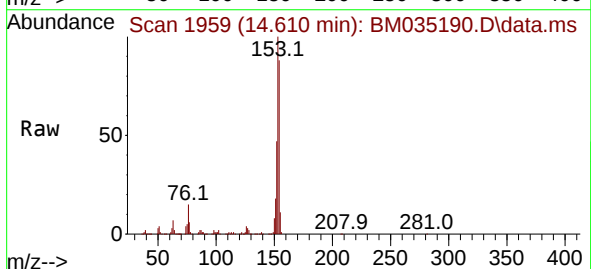
Tgt Ion:154 Resp: 1162524

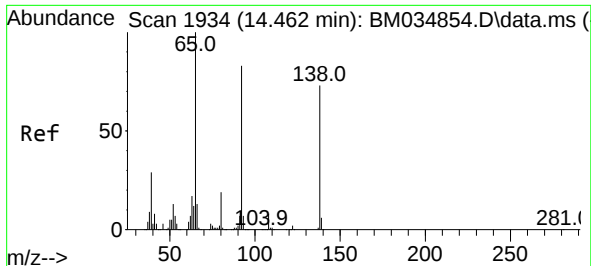
Ion Ratio Lower Upper

154 100

153 113.5 91.0 136.6

152 53.4 43.4 65.2

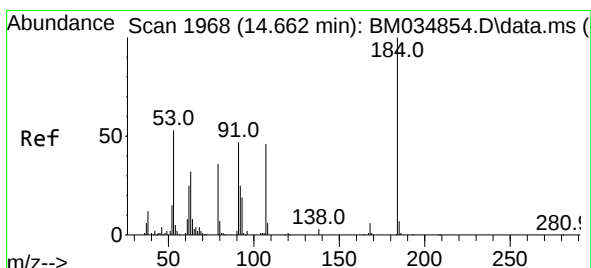
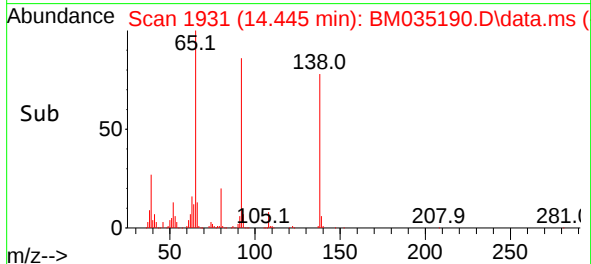
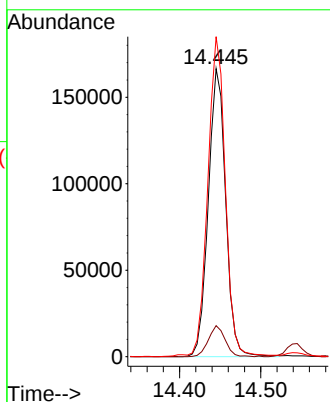
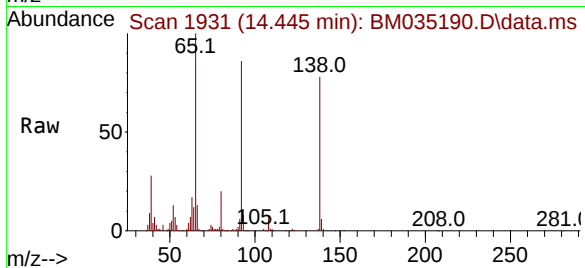




#53
3-Nitroaniline
Concen: 30.673 ng
RT: 14.445 min Scan# 1931
Delta R.T. -0.000 min
Lab File: BM035190.D
Acq: 23 May 2022 12:36

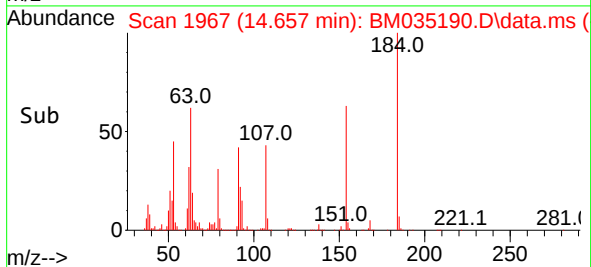
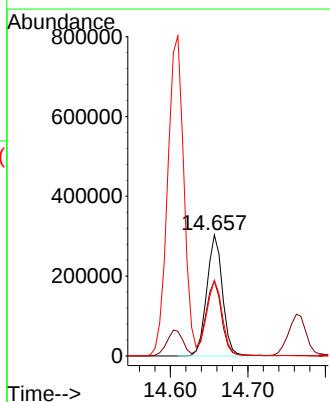
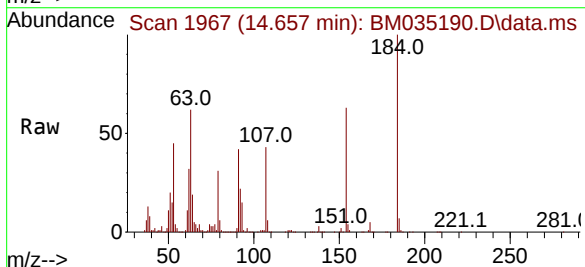
Instrument :
BNA_M
ClientSampleId :
PB144942BS

Tgt Ion:138 Resp: 247777
Ion Ratio Lower Upper
138 100
108 10.8 8.7 13.1
92 111.1 91.5 137.3



#54
2,4-Dinitrophenol
Concen: 96.836 ng
RT: 14.657 min Scan# 1967
Delta R.T. 0.006 min
Lab File: BM035190.D
Acq: 23 May 2022 12:36

Tgt Ion:184 Resp: 428851
Ion Ratio Lower Upper
184 100
63 61.9 59.5 89.3
154 62.6 55.6 83.4

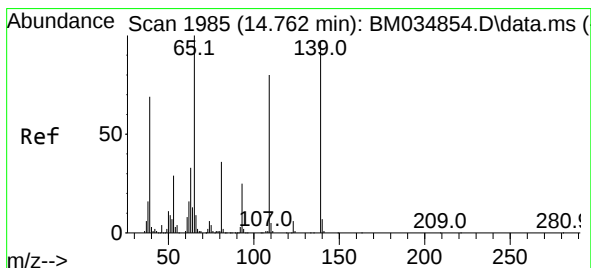
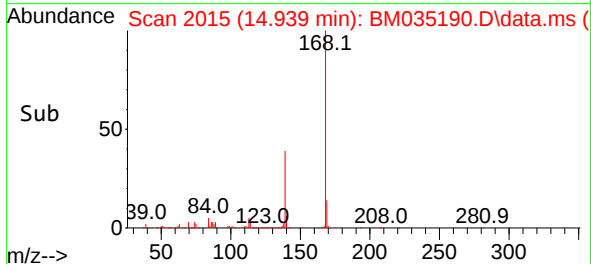
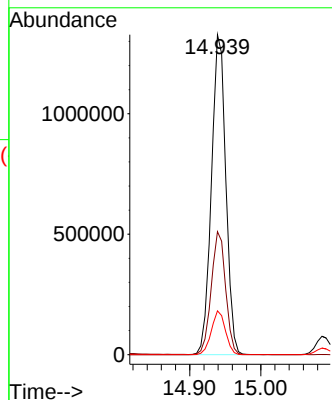
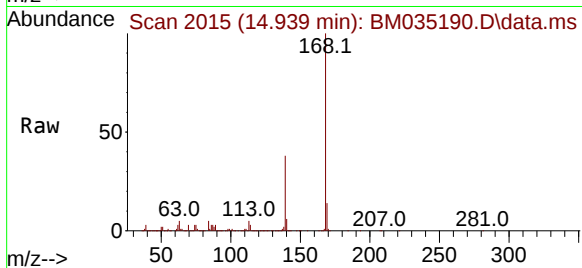




#55
Dibenzenofuran
Concen: 43.088 ng
RT: 14.939 min Scan# 2015
Delta R.T. -0.000 min
Lab File: BM035190.D
Acq: 23 May 2022 12:36

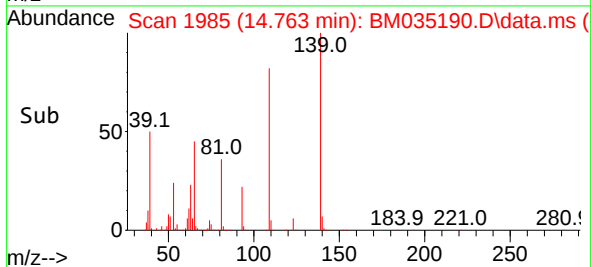
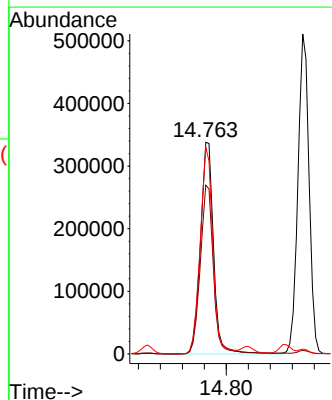
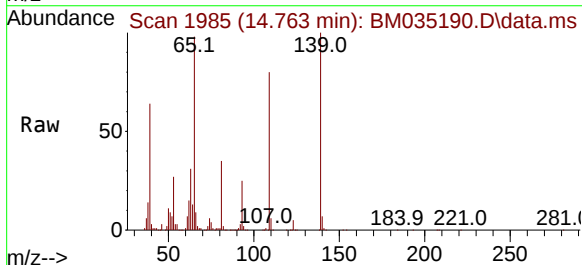
Instrument :
BNA_M
ClientSampleId :
PB144942BS

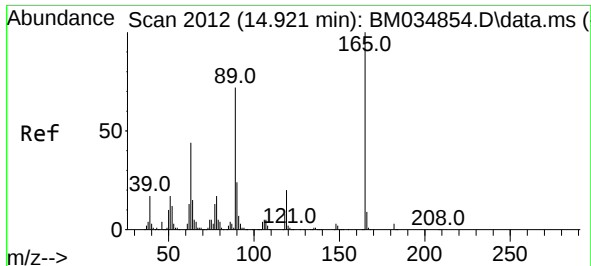
Tgt Ion:168 Resp: 1868596
Ion Ratio Lower Upper
168 100
139 38.5 32.2 48.2
169 13.7 10.6 16.0



#56
4-Nitrophenol
Concen: 84.720 ng
RT: 14.763 min Scan# 1985
Delta R.T. 0.012 min
Lab File: BM035190.D
Acq: 23 May 2022 12:36

Tgt Ion:139 Resp: 558998
Ion Ratio Lower Upper
139 100
109 79.8 62.5 102.5
65 97.7 83.5 123.5





#57

2,4-Dinitrotoluene

Concen: 47.312 ng

RT: 14.910 min Scan# 20

Delta R.T. 0.006 min

Lab File: BM035190.D

Acq: 23 May 2022 12:36

Instrument :

BNA_M

ClientSampleId :

PB144942BS

Tgt Ion:165 Resp: 477480

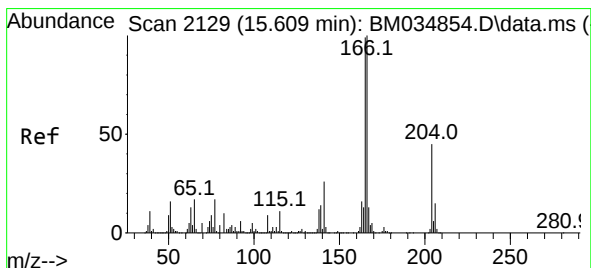
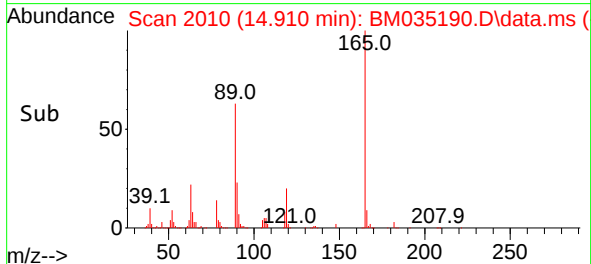
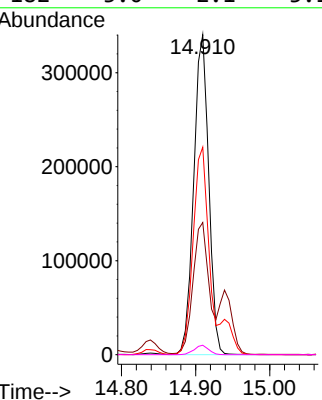
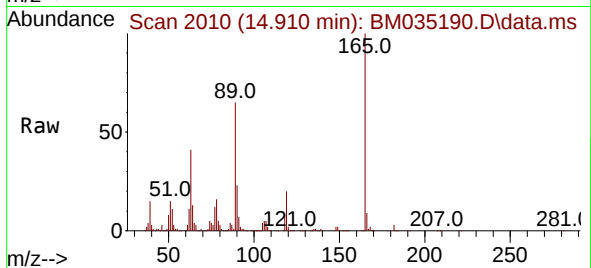
Ion Ratio Lower Upper

165 100

63 41.3 35.6 53.4

89 64.8 57.3 85.9

182 3.0 2.1 3.1



#58

Fluorene

Concen: 42.428 ng

RT: 15.592 min Scan# 2126

Delta R.T. -0.000 min

Lab File: BM035190.D

Acq: 23 May 2022 12:36

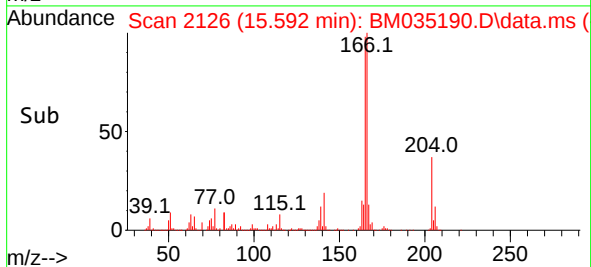
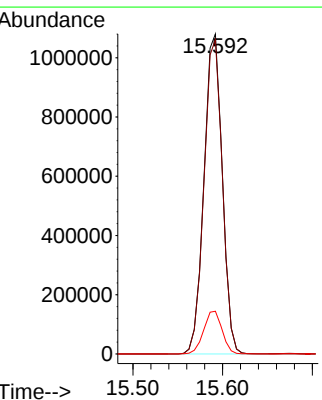
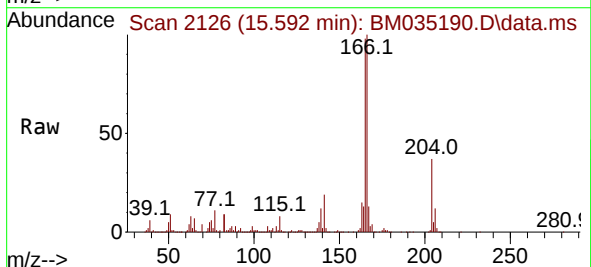
Tgt Ion:166 Resp: 1528360

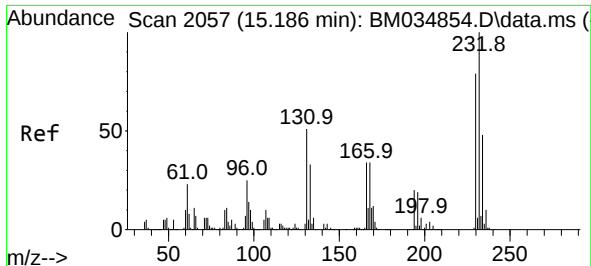
Ion Ratio Lower Upper

166 100

165 98.3 79.4 119.2

167 13.3 10.6 16.0

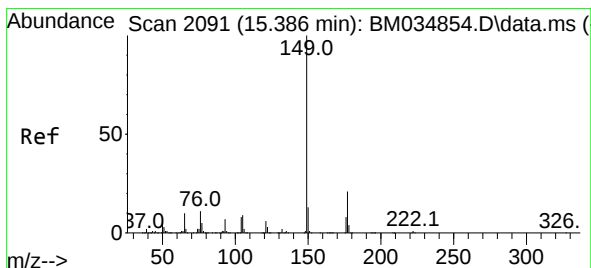
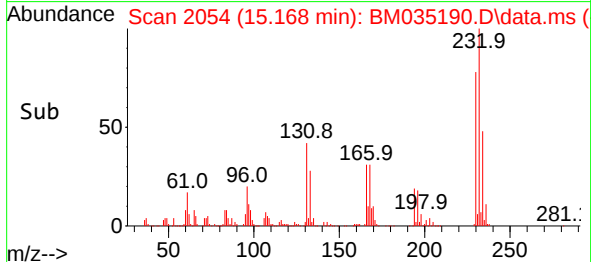
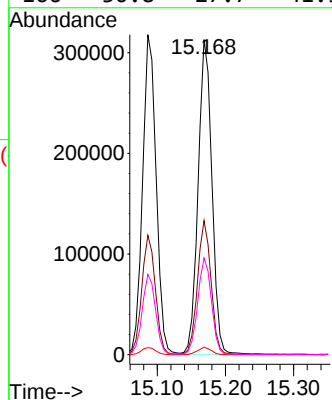
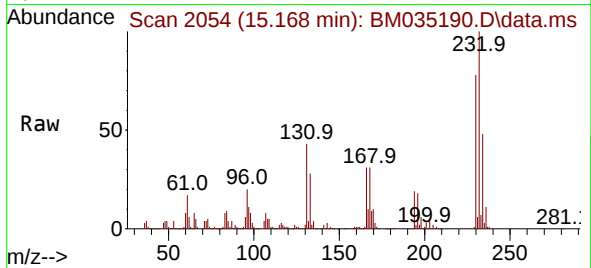




#59
2,3,4,6-Tetrachlorophenol
Concen: 48.742 ng
RT: 15.168 min Scan# 2054
Delta R.T. -0.000 min
Lab File: BM035190.D
Acq: 23 May 2022 12:36

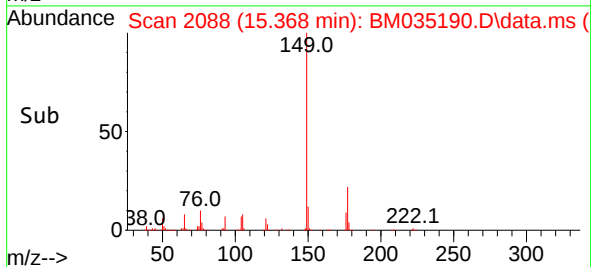
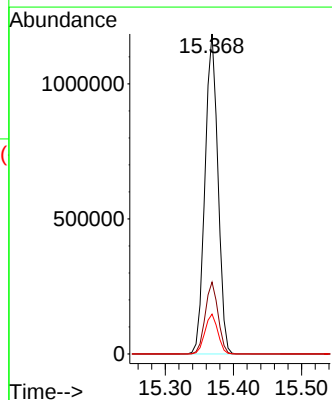
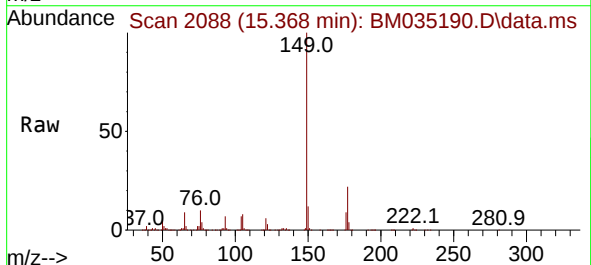
Instrument :
BNA_M
ClientSampleId :
PB144942BS

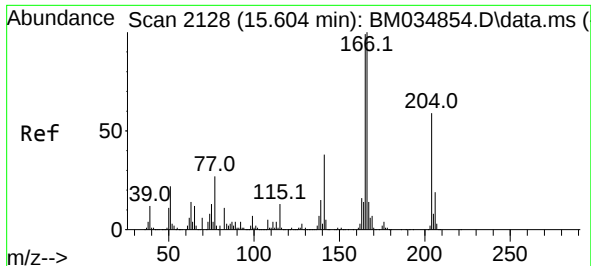
Tgt Ion:232 Resp: 439949
Ion Ratio Lower Upper
232 100
131 41.7 41.0 61.6
130 2.3 2.3 3.5#
166 30.8 27.7 41.5



#60
Diethylphthalate
Concen: 41.501 ng
RT: 15.368 min Scan# 2088
Delta R.T. -0.000 min
Lab File: BM035190.D
Acq: 23 May 2022 12:36

Tgt Ion:149 Resp: 1563165
Ion Ratio Lower Upper
149 100
177 22.5 16.9 25.3
150 12.4 10.1 15.1

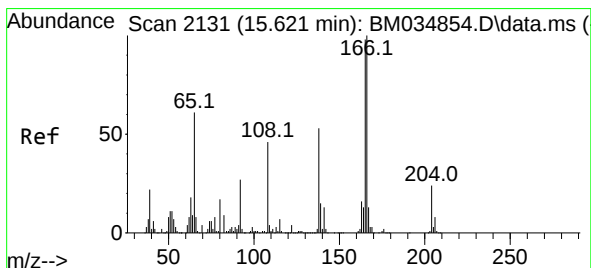
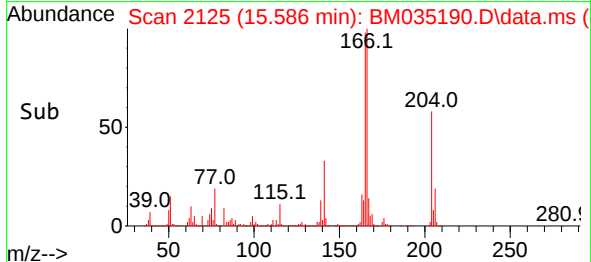
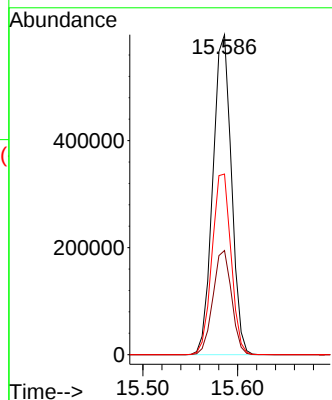
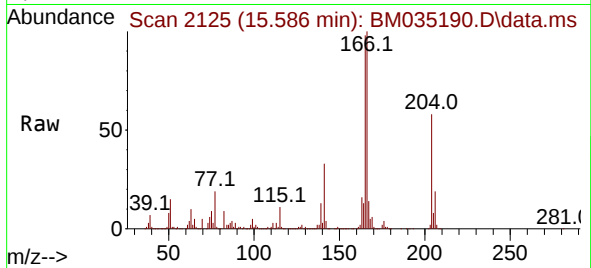




#61
4-Chlorophenyl-phenylether
Concen: 47.094 ng
RT: 15.586 min Scan# 2128
Delta R.T. -0.000 min
Lab File: BM035190.D
Acq: 23 May 2022 12:36

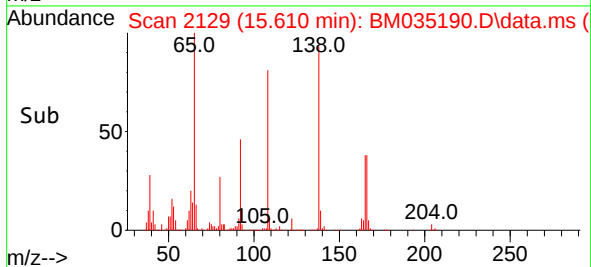
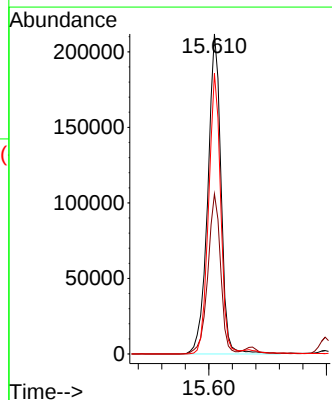
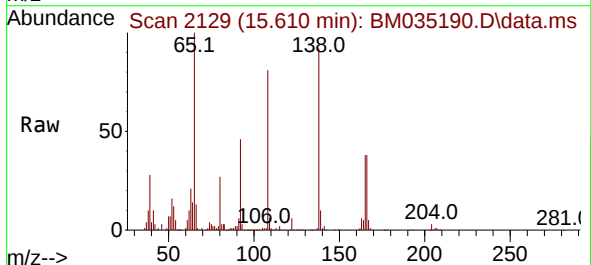
Instrument :
BNA_M
ClientSampleId :
PB144942BS

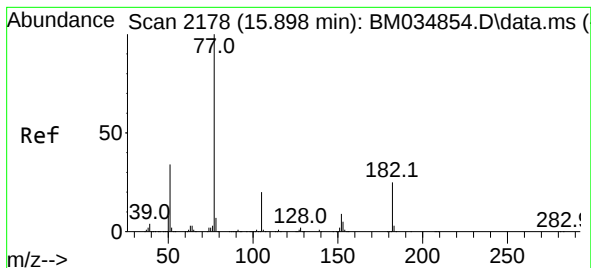
Tgt Ion:204 Resp: 811890
Ion Ratio Lower Upper
204 100
206 32.5 26.3 39.5
141 56.4 51.2 76.8



#62
4-Nitroaniline
Concen: 39.576 ng
RT: 15.610 min Scan# 2129
Delta R.T. 0.006 min
Lab File: BM035190.D
Acq: 23 May 2022 12:36

Tgt Ion:138 Resp: 331042
Ion Ratio Lower Upper
138 100
92 50.0 30.8 70.8
108 87.7 65.7 105.7





#63

Azobenzene

Concen: 38.730 ng

RT: 15.874 min Scan# 2178

Delta R.T. -0.006 min

Lab File: BM035190.D

Acq: 23 May 2022 12:36

Instrument :

BNA_M

ClientSampleId :

PB144942BS

Tgt Ion: 77 Resp: 1330474

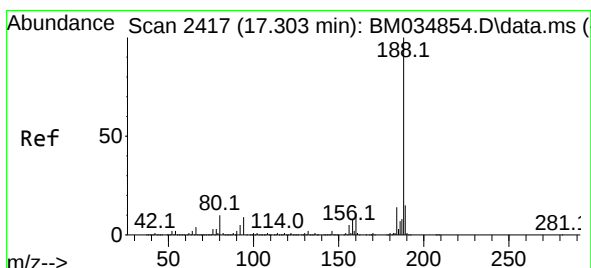
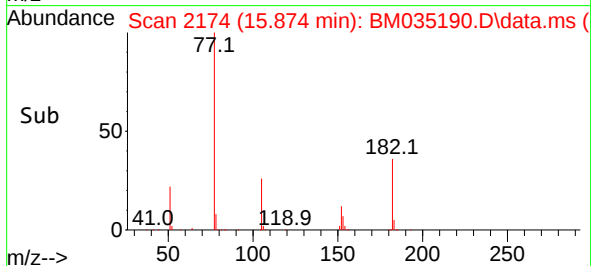
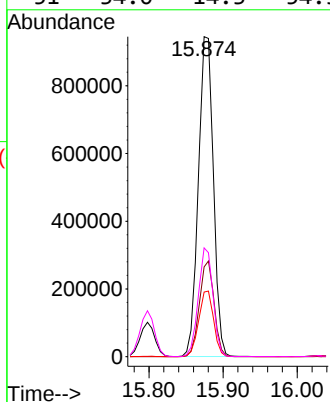
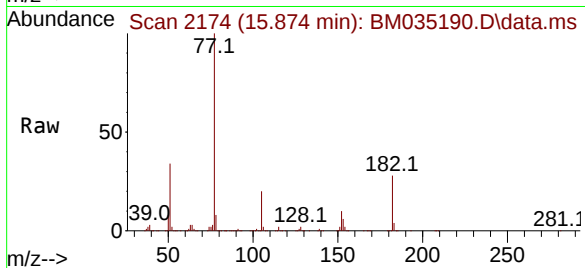
Ion Ratio Lower Upper

77 100

182 28.1 4.9 44.9

105 20.2 0.0 39.6

51 34.0 14.3 54.3



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.286 min Scan# 2414

Delta R.T. -0.000 min

Lab File: BM035190.D

Acq: 23 May 2022 12:36

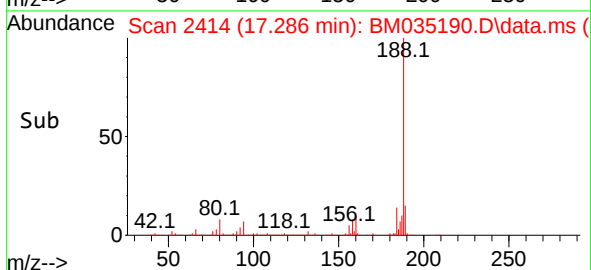
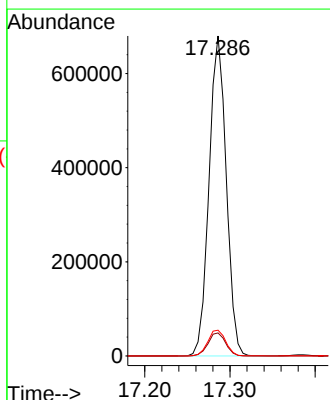
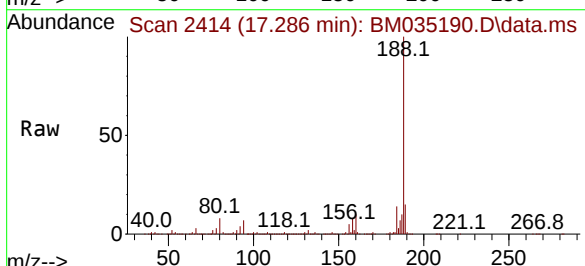
Tgt Ion: 188 Resp: 955840

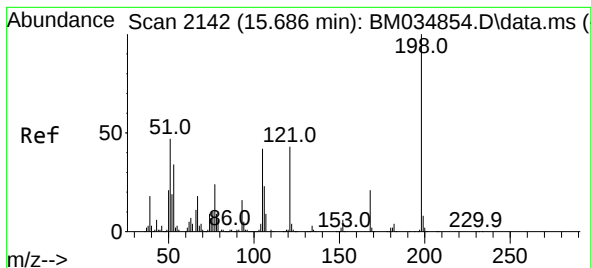
Ion Ratio Lower Upper

188 100

94 7.2 7.0 10.4

80 8.1 7.6 11.4

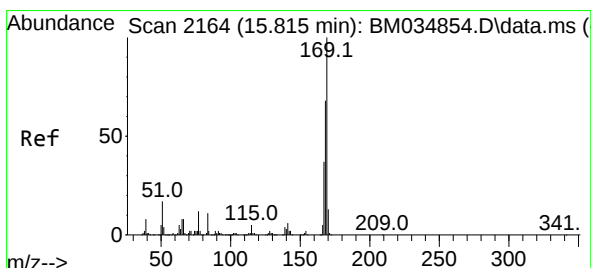
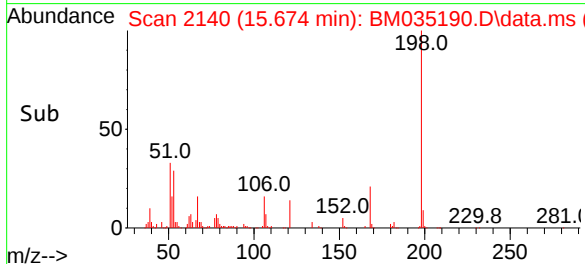
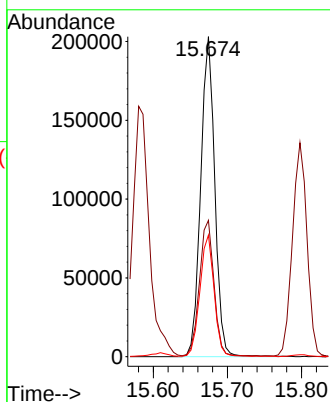
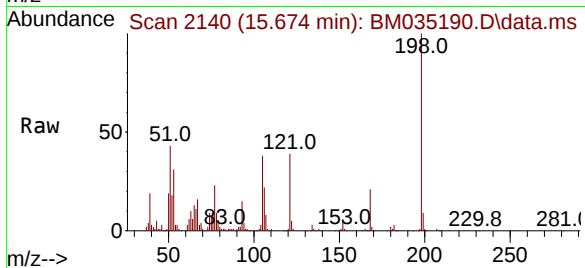




#65
4,6-Dinitro-2-methylphenol
Concen: 46.854 ng
RT: 15.674 min Scan# 2142
Delta R.T. -0.000 min
Lab File: BM035190.D
Acq: 23 May 2022 12:36

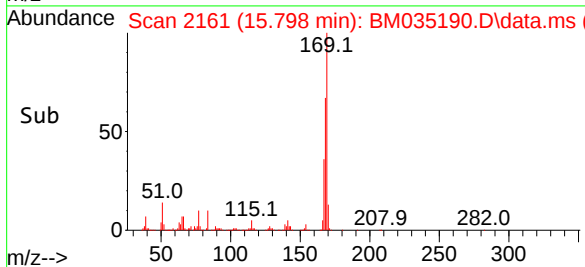
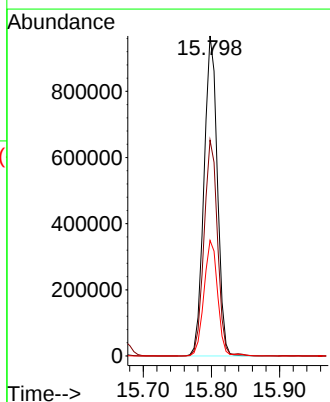
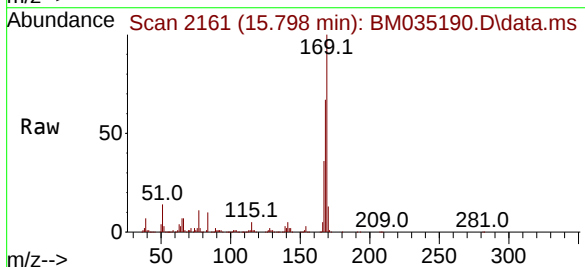
Instrument :
BNA_M
ClientSampleId :
PB144942BS

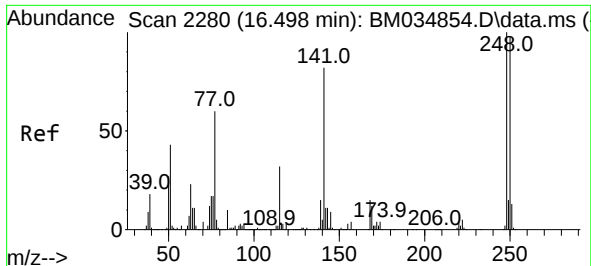
Tgt Ion:198 Resp: 267717
Ion Ratio Lower Upper
198 100
51 42.6 29.0 69.0
105 38.0 22.1 62.1



#66
n-Nitrosodiphenylamine
Concen: 45.591 ng
RT: 15.798 min Scan# 2161
Delta R.T. -0.000 min
Lab File: BM035190.D
Acq: 23 May 2022 12:36

Tgt Ion:169 Resp: 1320668
Ion Ratio Lower Upper
169 100
168 67.4 54.3 81.5
167 36.1 29.4 44.0

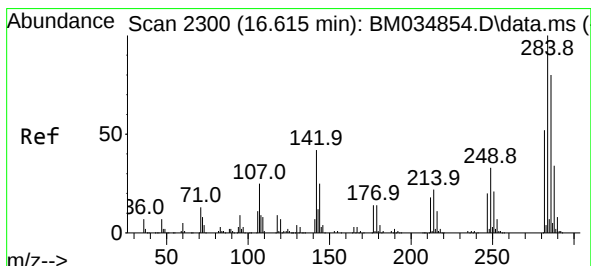
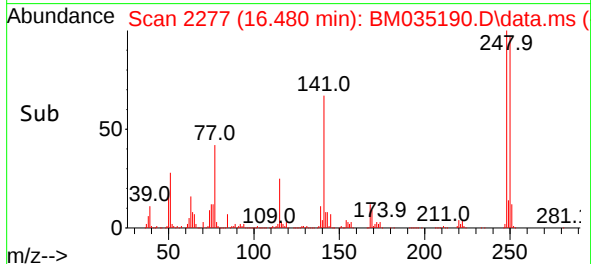
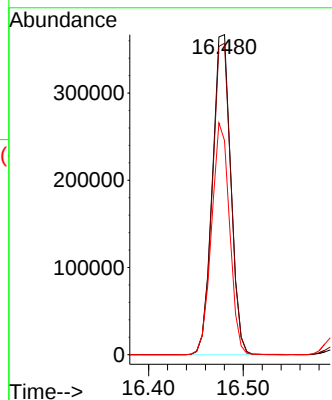
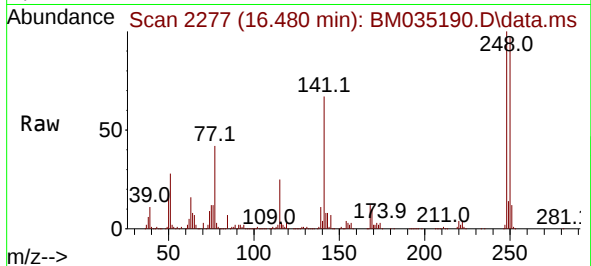




#67
4-Bromophenyl-phenylether
Concen: 51.008 ng
RT: 16.480 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM035190.D
Acq: 23 May 2022 12:36

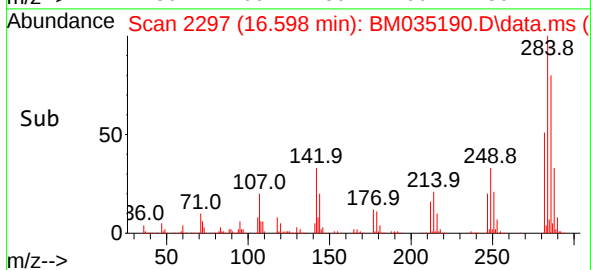
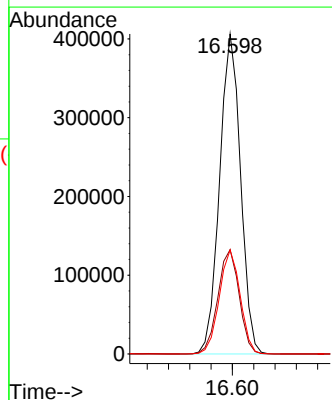
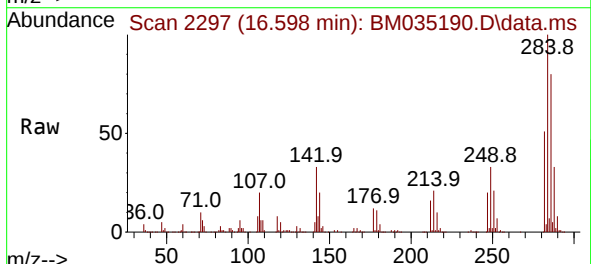
Instrument :
BNA_M
ClientSampleId :
PB144942BS

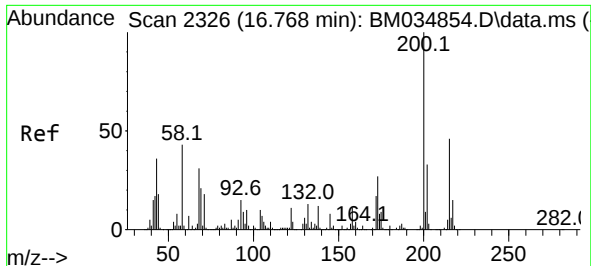
Tgt Ion:248 Resp: 495595
Ion Ratio Lower Upper
248 100
250 97.3 78.0 117.0
141 66.9 66.0 99.0



#68
Hexachlorobenzene
Concen: 50.427 ng
RT: 16.598 min Scan# 2297
Delta R.T. -0.000 min
Lab File: BM035190.D
Acq: 23 May 2022 12:36

Tgt Ion:284 Resp: 553156
Ion Ratio Lower Upper
284 100
142 32.6 33.6 50.4#
249 32.5 26.2 39.2

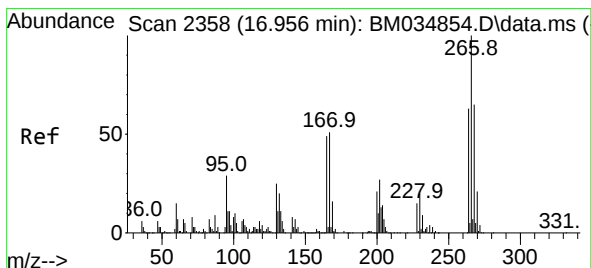
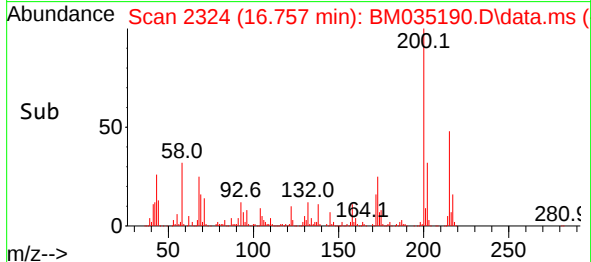
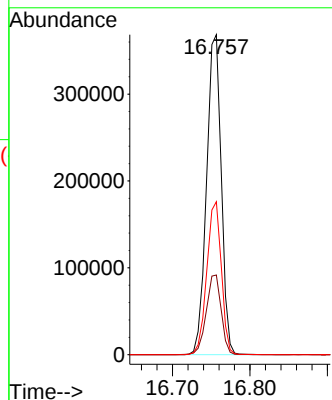
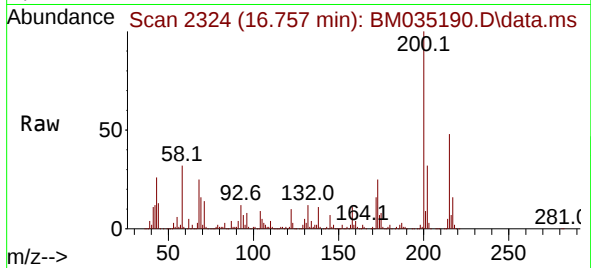




#69
 Atrazine
 Concen: 49.822 ng
 RT: 16.757 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BM035190.D
 Acq: 23 May 2022 12:36

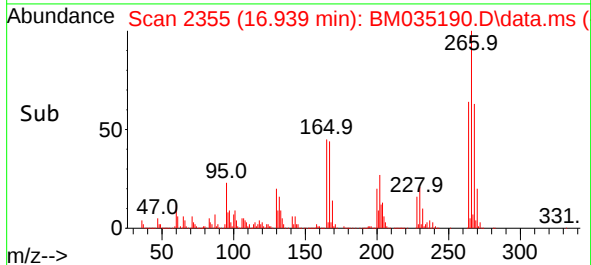
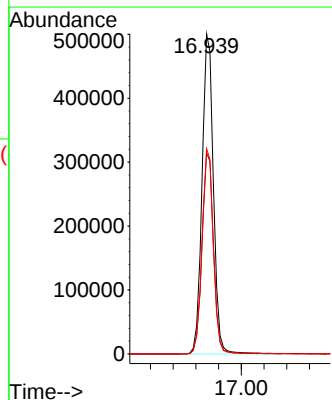
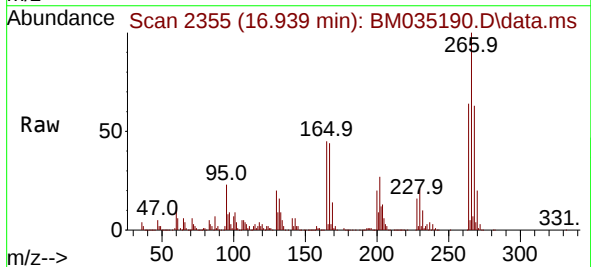
Instrument :
 BNA_M
 ClientSampleId :
 PB144942BS

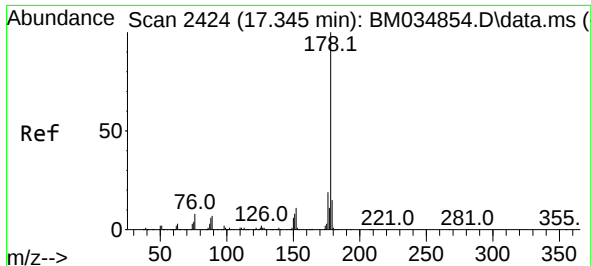
Tgt Ion:200 Resp: 484541
 Ion Ratio Lower Upper
 200 100
 173 24.9 6.6 46.6
 215 47.8 26.2 66.2



#70
 Pentachlorophenol
 Concen: 101.047 ng
 RT: 16.939 min Scan# 2355
 Delta R.T. -0.000 min
 Lab File: BM035190.D
 Acq: 23 May 2022 12:36

Tgt Ion:266 Resp: 694497
 Ion Ratio Lower Upper
 266 100
 268 62.9 51.9 77.9
 264 64.1 50.6 76.0

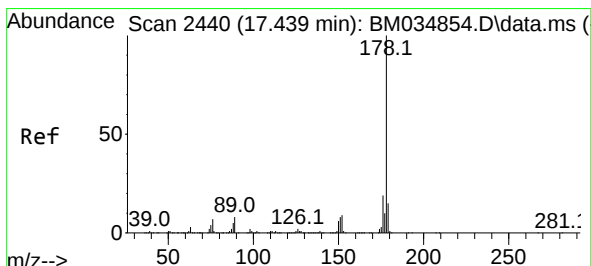
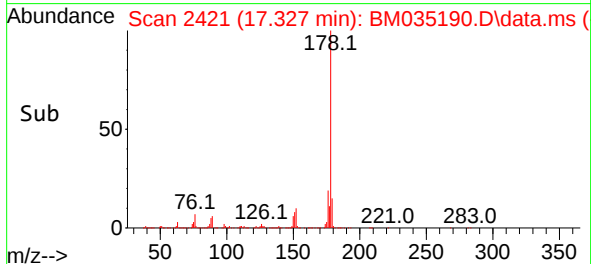
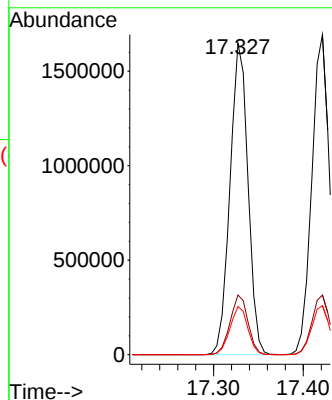
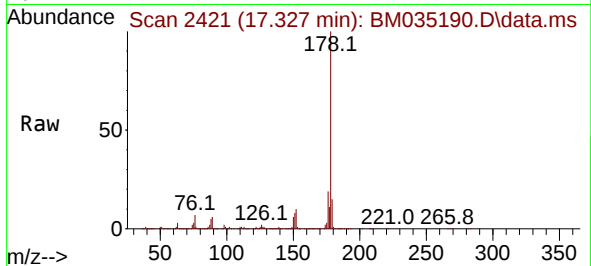




#71
Phenanthrene
Concen: 43.004 ng
RT: 17.327 min Scan# 24
Delta R.T. -0.000 min
Lab File: BM035190.D
Acq: 23 May 2022 12:36

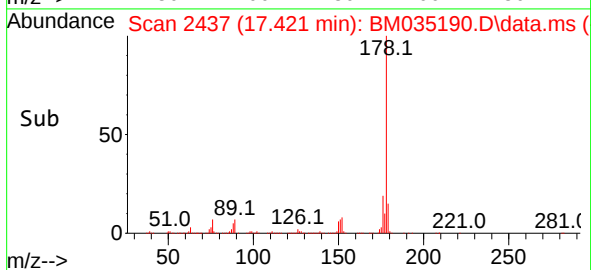
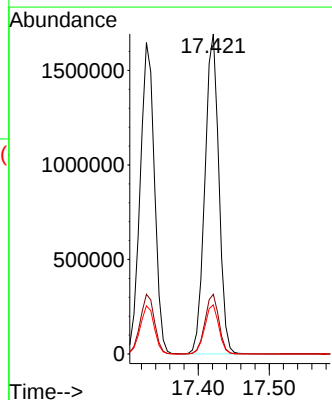
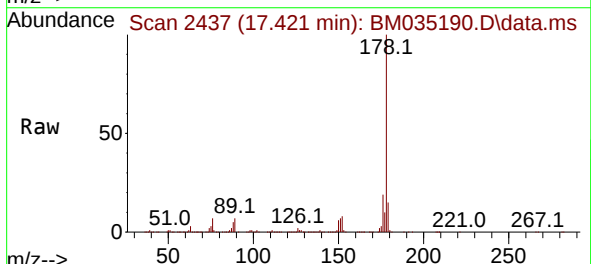
Instrument :
BNA_M
ClientSampleId :
PB144942BS

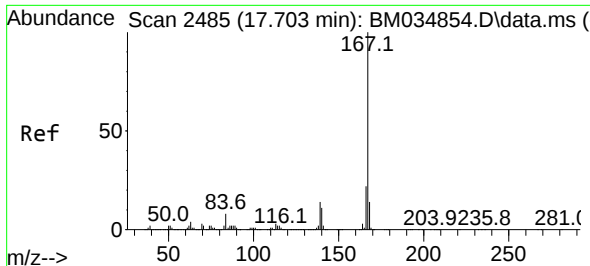
Tgt Ion:178 Resp: 2290920
Ion Ratio Lower Upper
178 100
176 19.2 15.4 23.0
179 15.4 12.4 18.6



#72
Anthracene
Concen: 45.128 ng
RT: 17.421 min Scan# 2437
Delta R.T. -0.000 min
Lab File: BM035190.D
Acq: 23 May 2022 12:36

Tgt Ion:178 Resp: 2321327
Ion Ratio Lower Upper
178 100
176 18.7 15.0 22.4
179 15.4 12.2 18.2

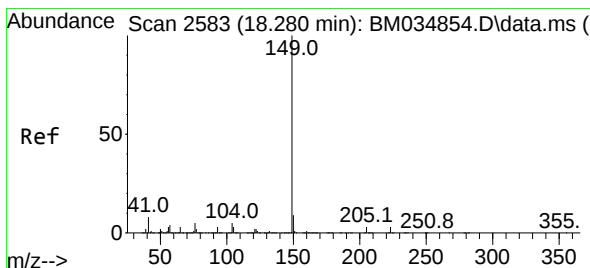
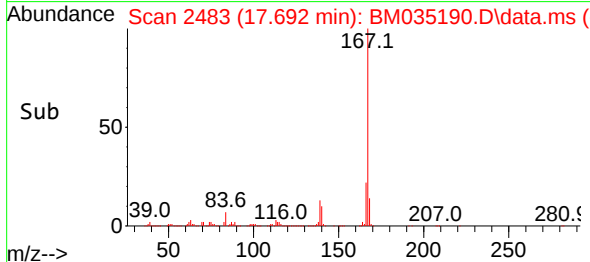
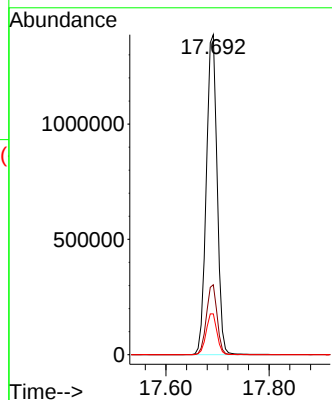
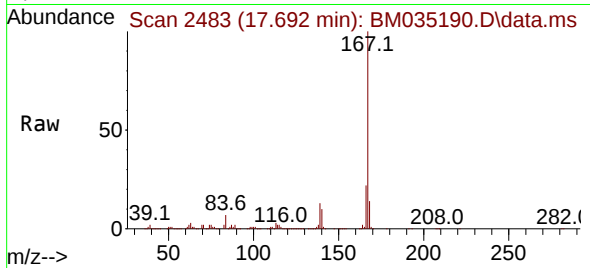




#73
 Carbazole
 Concen: 42.783 ng
 RT: 17.692 min Scan# 24
 Delta R.T. 0.006 min
 Lab File: BM035190.D
 Acq: 23 May 2022 12:36

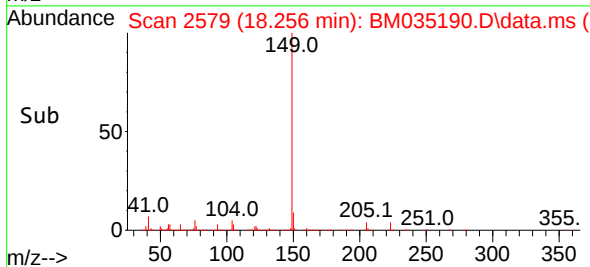
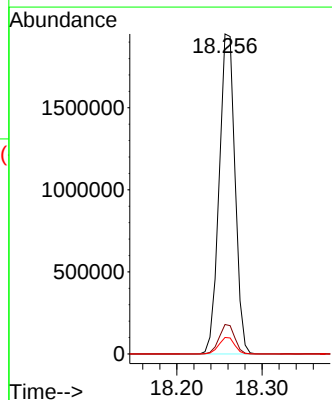
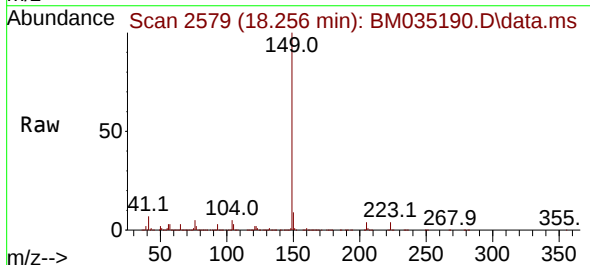
Instrument :
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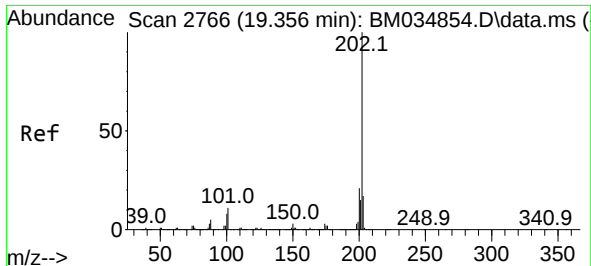
Tgt Ion:167 Resp: 2009880
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.8 26.8
 139 12.8 10.9 16.3



#74
 Di-n-butylphthalate
 Concen: 42.067 ng
 RT: 18.256 min Scan# 2579
 Delta R.T. -0.006 min
 Lab File: BM035190.D
 Acq: 23 May 2022 12:36

Tgt Ion:149 Resp: 2514508
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.3 10.9
 104 5.1 4.3 6.5

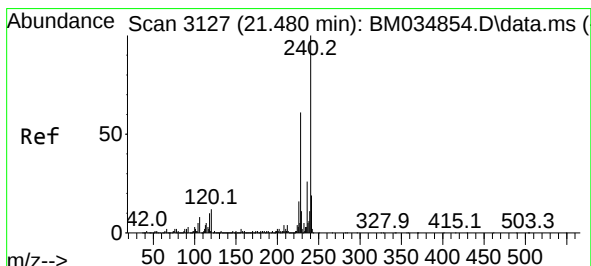
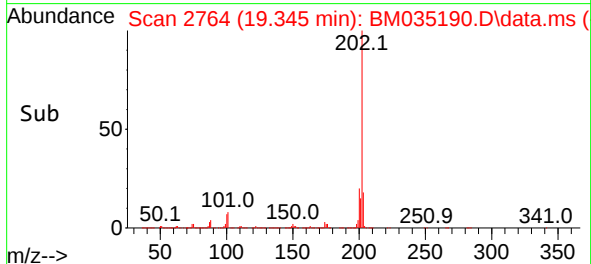
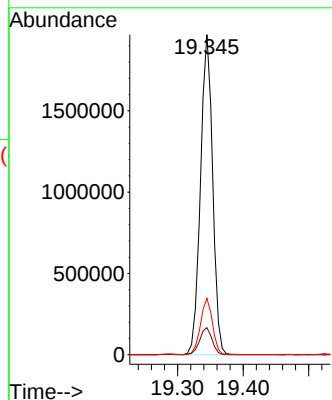
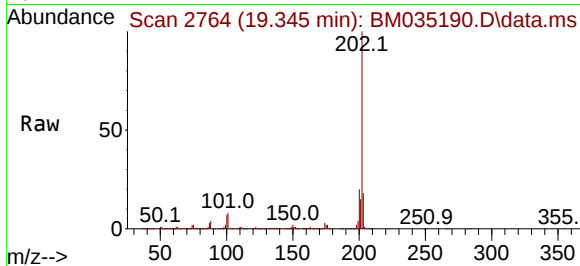




#75
Fluoranthene
Concen: 43.382 ng
RT: 19.345 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM035190.D
Acq: 23 May 2022 12:36

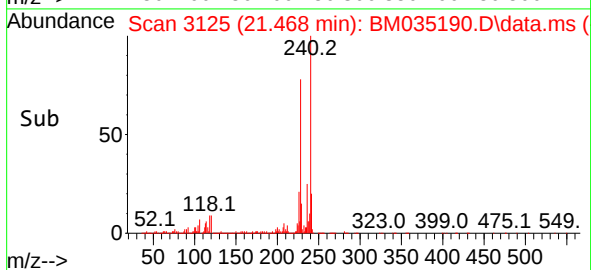
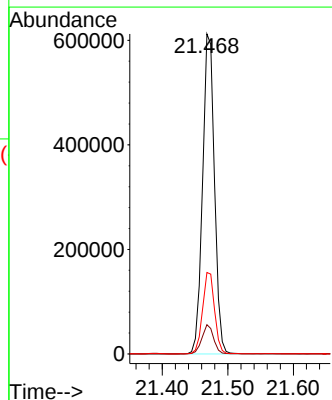
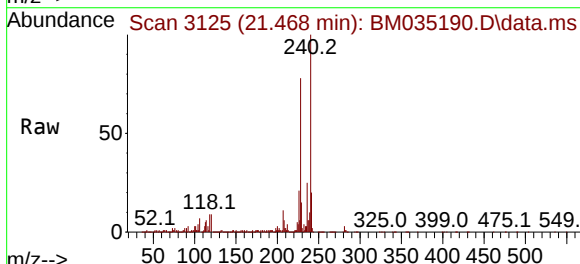
Instrument :
BNA_M
ClientSampleId :
PB144942BS

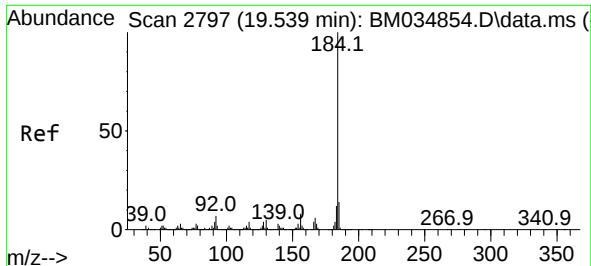
Tgt Ion:202 Resp: 2537619
Ion Ratio Lower Upper
202 100
101 8.5 0.0 30.6
203 17.6 0.0 37.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.468 min Scan# 3125
Delta R.T. -0.006 min
Lab File: BM035190.D
Acq: 23 May 2022 12:36

Tgt Ion:240 Resp: 775080
Ion Ratio Lower Upper
240 100
120 9.1 9.4 14.0#
236 25.4 20.6 30.8

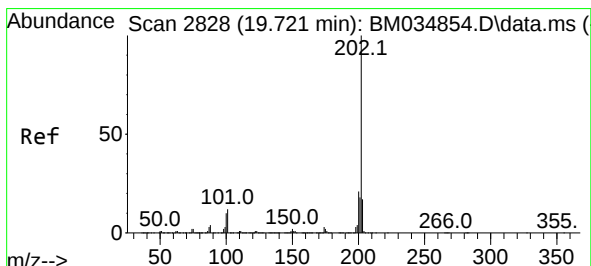
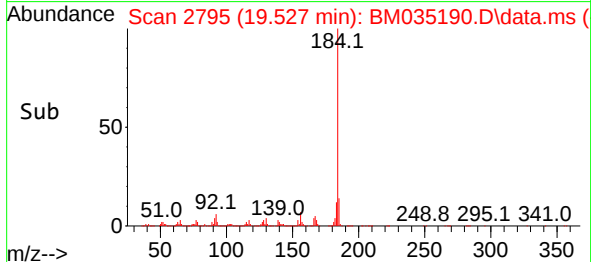
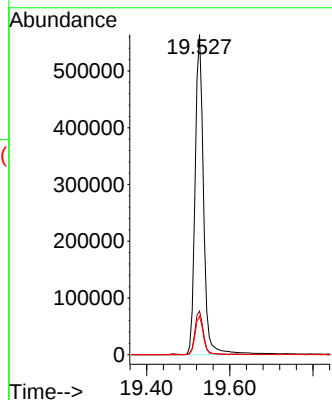
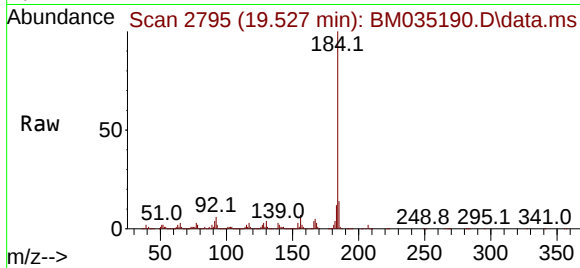




#77
Benzidine
Concen: 33.904 ng
RT: 19.527 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM035190.D
Acq: 23 May 2022 12:36

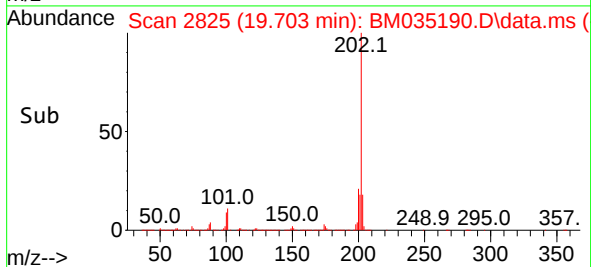
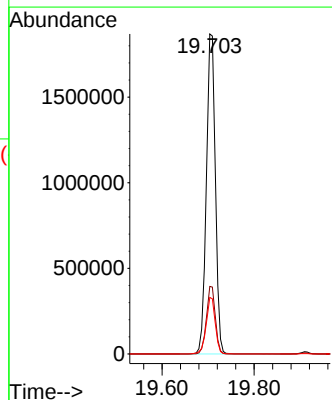
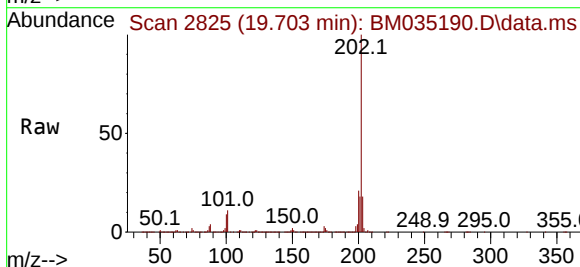
Instrument :
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ClientSampleId :
PB144942BS

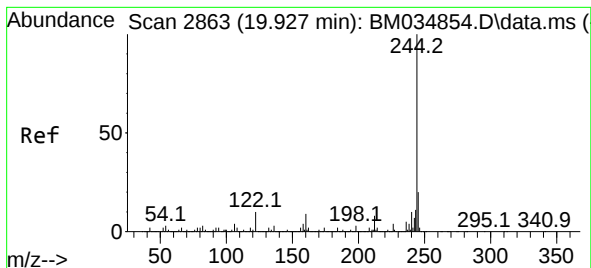
Tgt Ion:184 Resp: 802776
Ion Ratio Lower Upper
184 100
185 13.7 11.3 16.9
183 12.1 9.5 14.3



#78
Pyrene
Concen: 49.934 ng
RT: 19.703 min Scan# 2825
Delta R.T. -0.006 min
Lab File: BM035190.D
Acq: 23 May 2022 12:36

Tgt Ion:202 Resp: 2559420
Ion Ratio Lower Upper
202 100
200 21.1 16.7 25.1
203 17.6 13.9 20.9





#79

Terphenyl-d14

Concen: 100.780 ng

RT: 19.909 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM035190.D

Acq: 23 May 2022 12:36

Instrument :

BNA_M

ClientSampleId :

PB144942BS

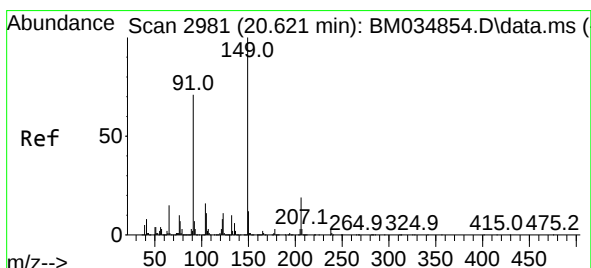
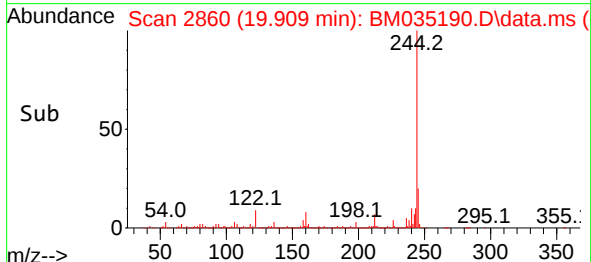
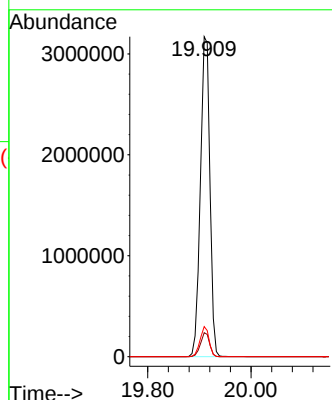
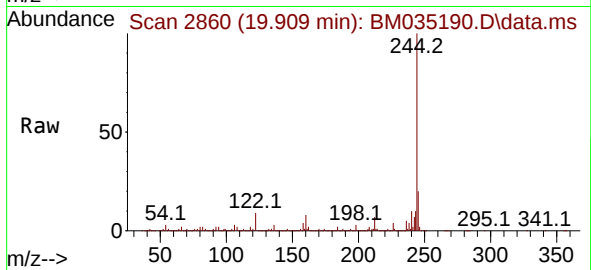
Tgt Ion:244 Resp: 4034298

Ion Ratio Lower Upper

244 100

212 7.5 6.2 9.4

122 9.4 8.3 12.5



#80

Butylbenzylphthalate

Concen: 44.318 ng

RT: 20.609 min Scan# 2979

Delta R.T. -0.000 min

Lab File: BM035190.D

Acq: 23 May 2022 12:36

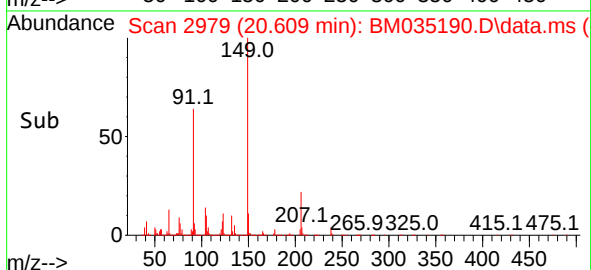
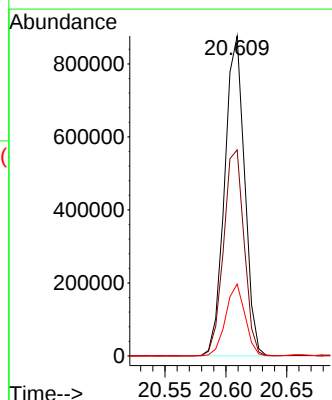
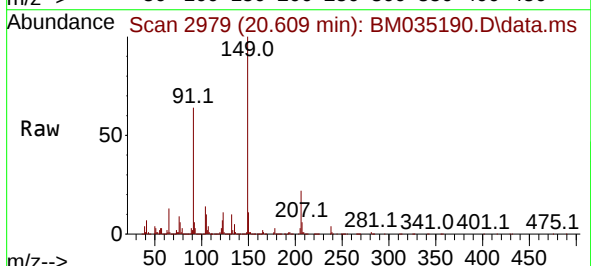
Tgt Ion:149 Resp: 997064

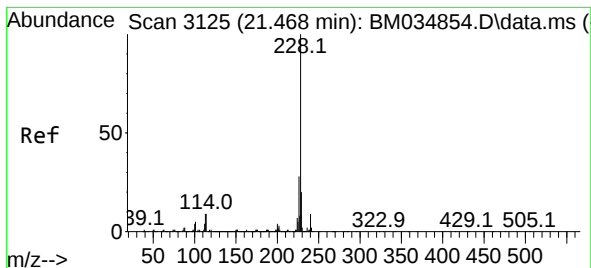
Ion Ratio Lower Upper

149 100

91 64.4 56.6 85.0

206 22.4 15.4 23.0





#81

Benzo(a)anthracene

Concen: 42.472 ng

RT: 21.456 min Scan# 3111

Delta R.T. -0.000 min

Lab File: BM035190.D

Acq: 23 May 2022 12:36

Instrument :

BNA_M

ClientSampleId :

PB144942BS

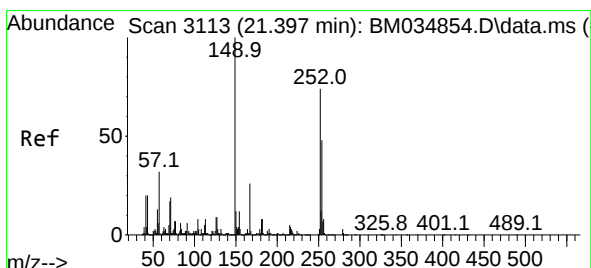
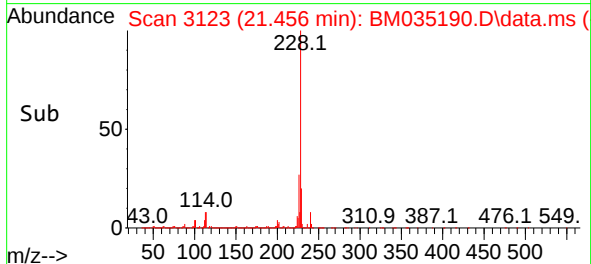
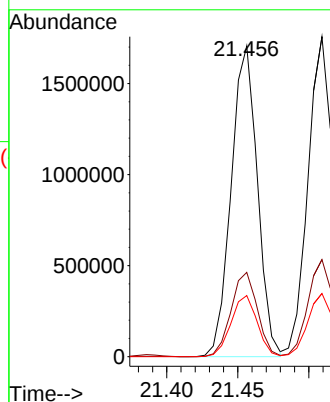
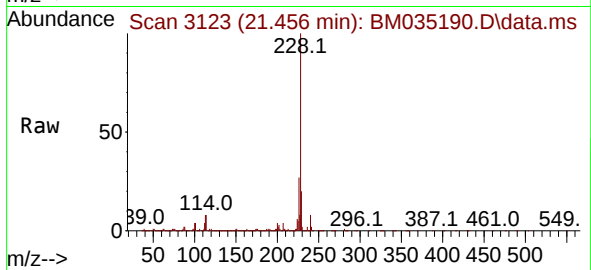
Tgt Ion:228 Resp: 2196585

Ion Ratio Lower Upper

228 100

226 27.1 22.3 33.5

229 19.7 15.8 23.6



#82

3,3'-Dichlorobenzidine

Concen: 45.984 ng

RT: 21.386 min Scan# 3111

Delta R.T. -0.000 min

Lab File: BM035190.D

Acq: 23 May 2022 12:36

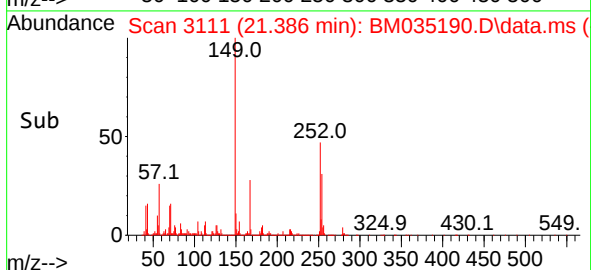
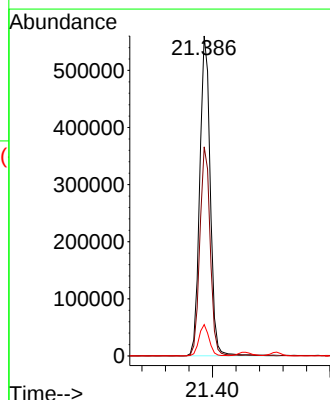
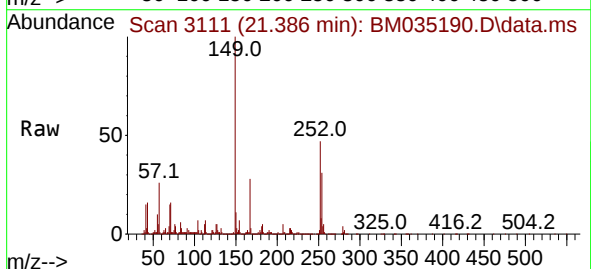
Tgt Ion:252 Resp: 693167

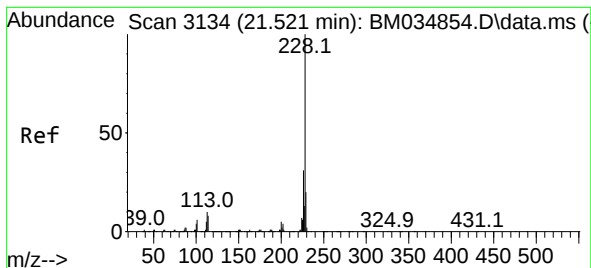
Ion Ratio Lower Upper

252 100

254 65.4 51.7 77.5

126 9.8 9.4 14.0





#83

Chrysene

Concen: 43.494 ng

RT: 21.509 min Scan# 3112

Delta R.T. -0.000 min

Lab File: BM035190.D

Acq: 23 May 2022 12:36

Instrument :

BNA_M

ClientSampleId :

PB144942BS

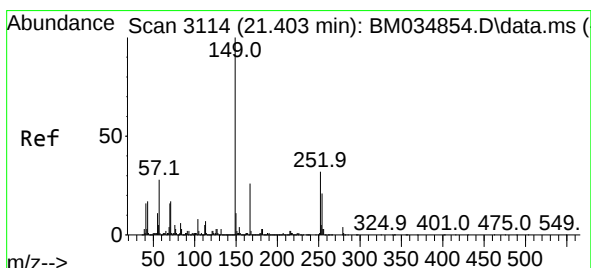
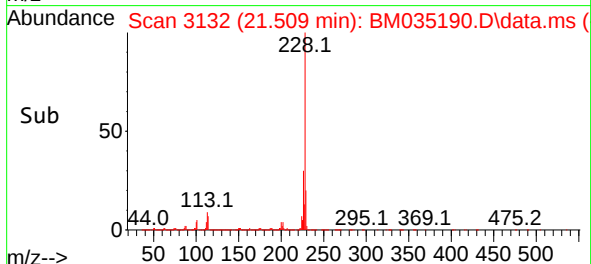
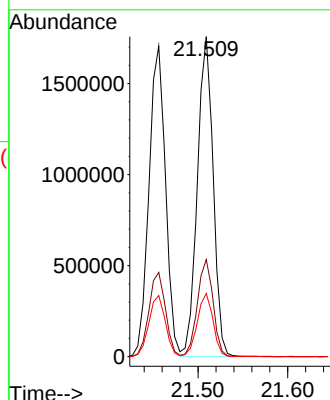
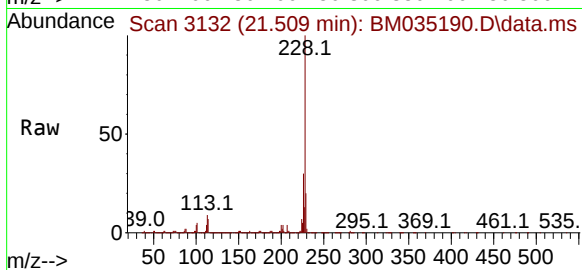
Tgt Ion:228 Resp: 2148609

Ion Ratio Lower Upper

228 100

226 30.3 24.4 36.6

229 19.8 15.8 23.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.873 ng

RT: 21.392 min Scan# 3112

Delta R.T. -0.000 min

Lab File: BM035190.D

Acq: 23 May 2022 12:36

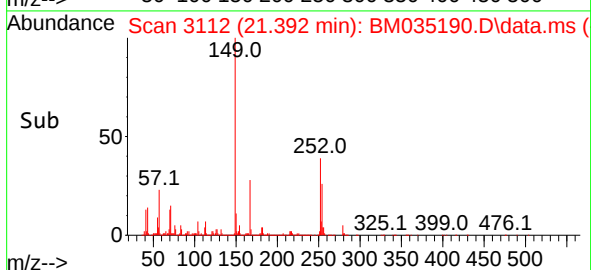
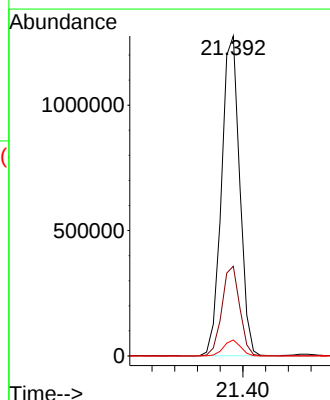
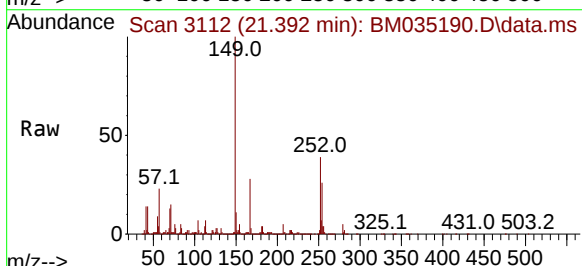
Tgt Ion:149 Resp: 1414027

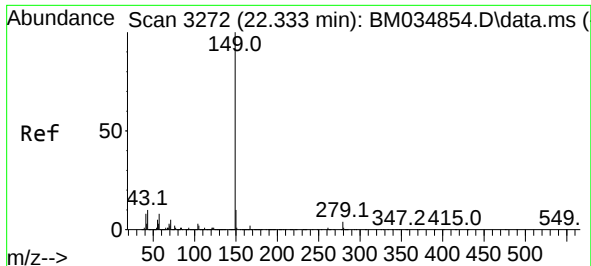
Ion Ratio Lower Upper

149 100

167 28.0 21.1 31.7

279 5.0 2.8 4.2#

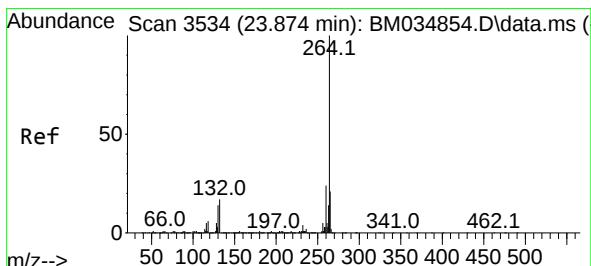
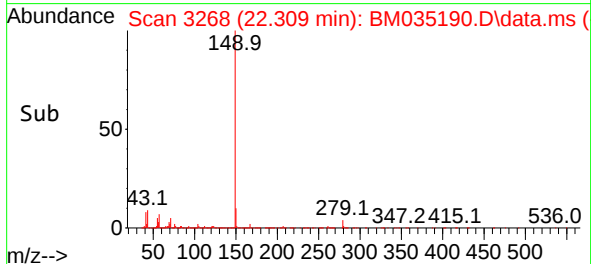
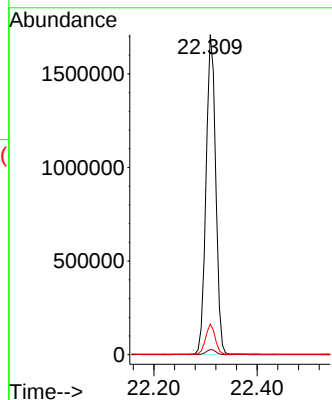
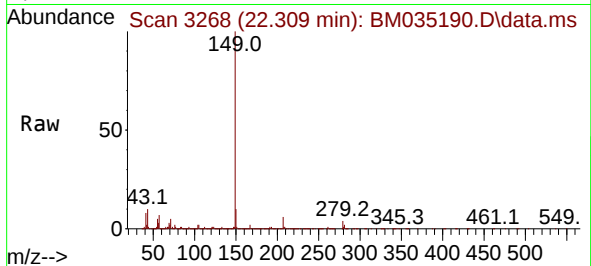




#85
Di-n-octyl phthalate
Concen: 38.778 ng
RT: 22.309 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM035190.D
Acq: 23 May 2022 12:36

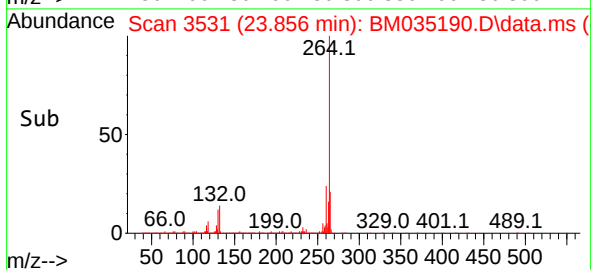
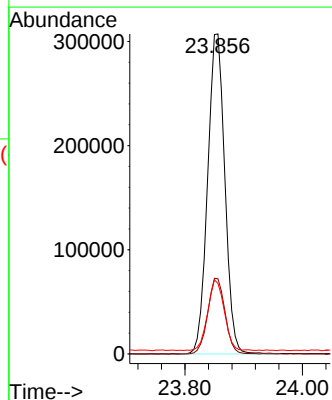
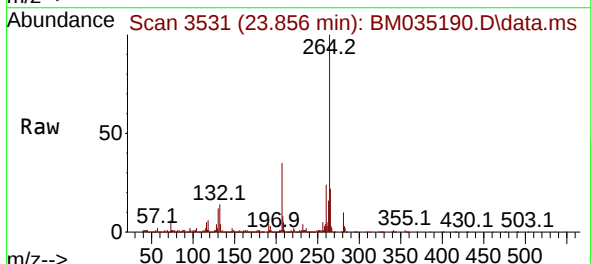
Instrument :
BNA_M
ClientSampleId :
PB144942BS

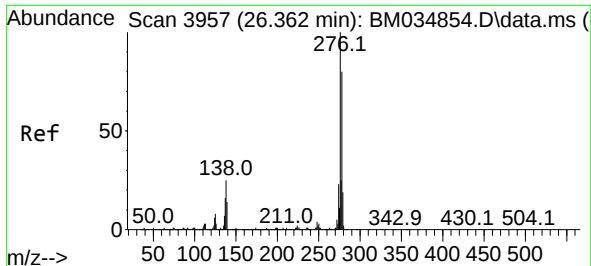
Tgt Ion:149 Resp: 2211616
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 9.2 8.6 12.8



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.856 min Scan# 3531
Delta R.T. -0.000 min
Lab File: BM035190.D
Acq: 23 May 2022 12:36

Tgt Ion:264 Resp: 626042
Ion Ratio Lower Upper
264 100
260 23.5 18.9 28.3
265 22.0 17.5 26.3

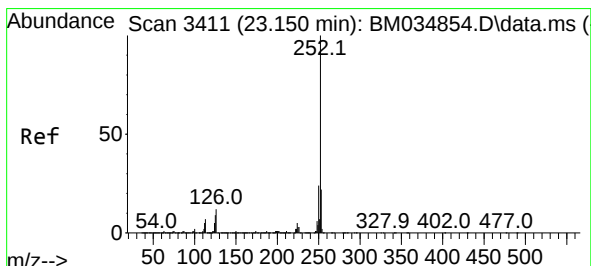
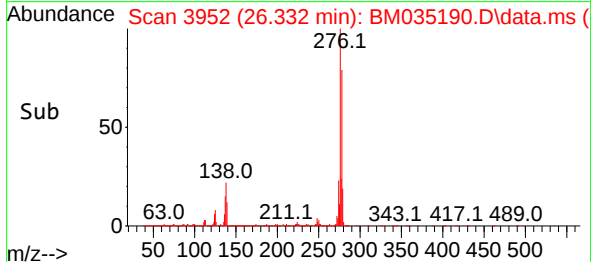
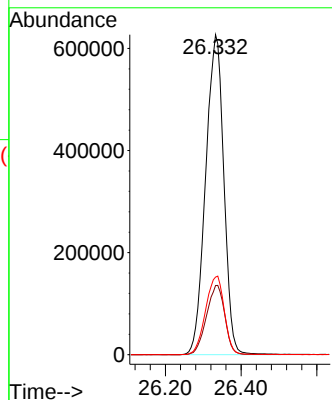
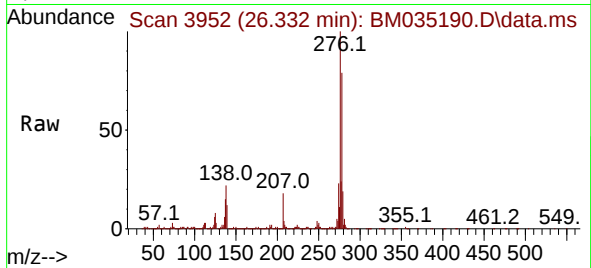




#87
Indeno(1,2,3-cd)pyrene
Concen: 43.821 ng
RT: 26.332 min Scan# 3408
Delta R.T. -0.000 min
Lab File: BM035190.D
Acq: 23 May 2022 12:36

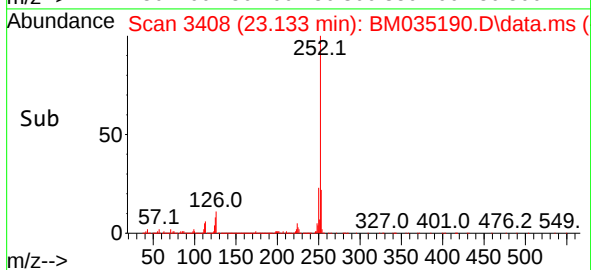
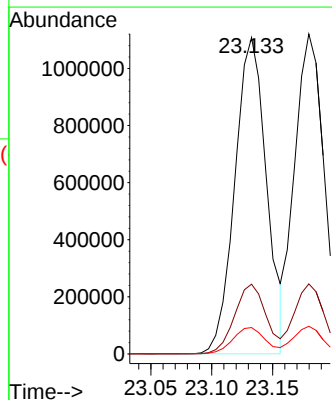
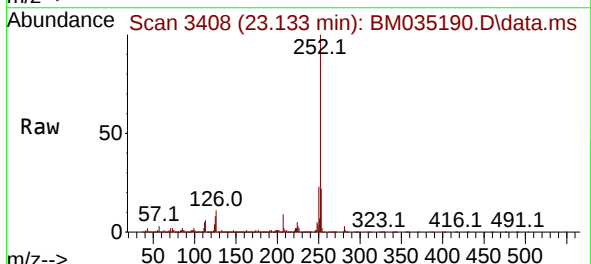
Instrument :
BNA_M
ClientSampleId :
PB144942BS

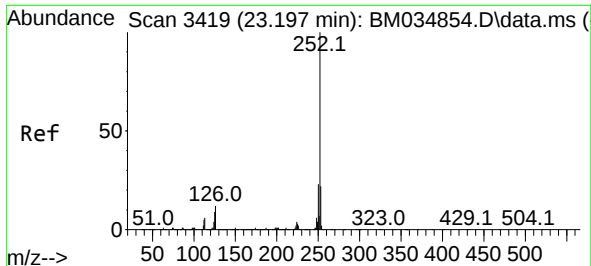
Tgt Ion:276 Resp: 2085768
Ion Ratio Lower Upper
276 100
138 21.9 20.2 30.4
277 25.3 20.2 30.2



#88
Benzo(b)fluoranthene
Concen: 50.875 ng
RT: 23.133 min Scan# 3408
Delta R.T. -0.000 min
Lab File: BM035190.D
Acq: 23 May 2022 12:36

Tgt Ion:252 Resp: 2003235
Ion Ratio Lower Upper
252 100
253 22.0 17.6 26.4
125 8.4 7.6 11.4

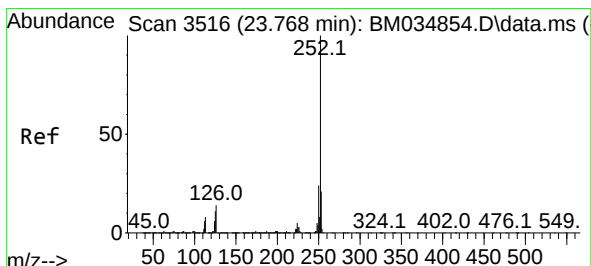
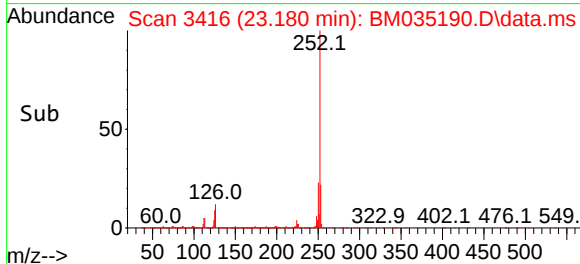
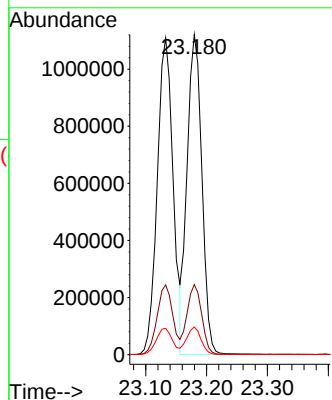
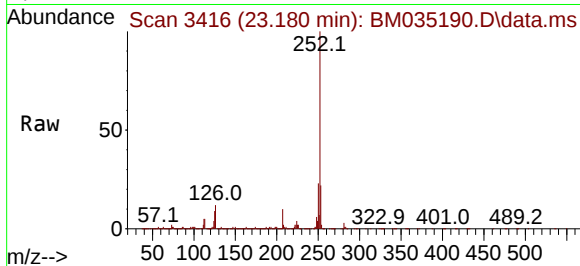




#89
Benzo(k)fluoranthene
Concen: 47.484 ng
RT: 23.180 min Scan# 3419
Delta R.T. -0.000 min
Lab File: BM035190.D
Acq: 23 May 2022 12:36

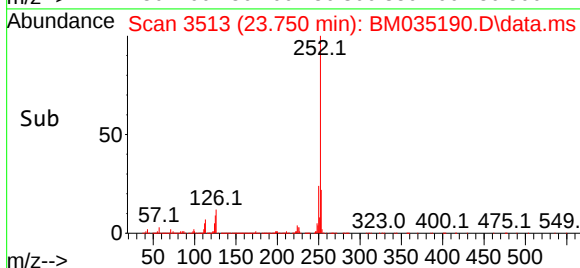
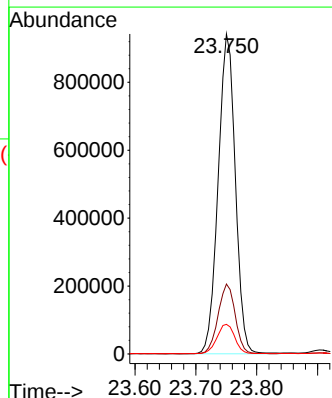
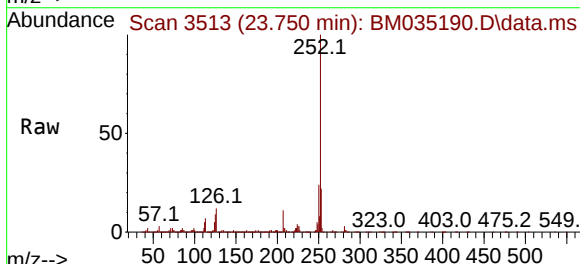
Instrument :
BNA_M
ClientSampleId :
PB144942BS

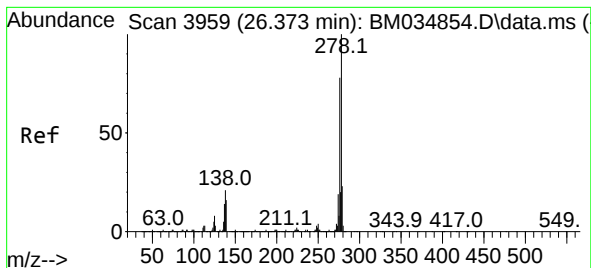
Tgt Ion:252 Resp: 1892678
Ion Ratio Lower Upper
252 100
253 21.9 17.5 26.3
125 8.7 7.6 11.4



#90
Benzo(a)pyrene
Concen: 56.279 ng
RT: 23.750 min Scan# 3513
Delta R.T. -0.000 min
Lab File: BM035190.D
Acq: 23 May 2022 12:36

Tgt Ion:252 Resp: 1841021
Ion Ratio Lower Upper
252 100
253 21.9 17.2 25.8
125 9.3 8.7 13.1





#91

Dibenzo(a,h)anthracene

Concen: 44.593 ng

RT: 26.344 min Scan# 3954

Delta R.T. -0.006 min

Lab File: BM035190.D

Acq: 23 May 2022 12:36

Instrument :

BNA_M

ClientSampleId :

PB144942BS

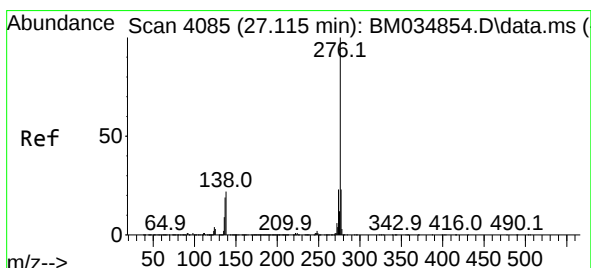
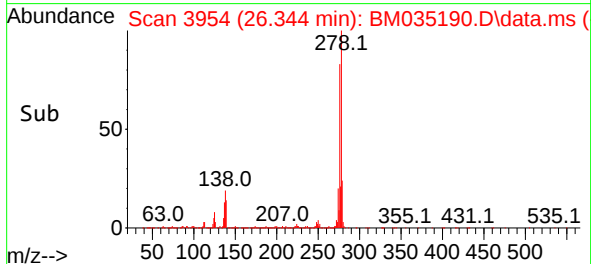
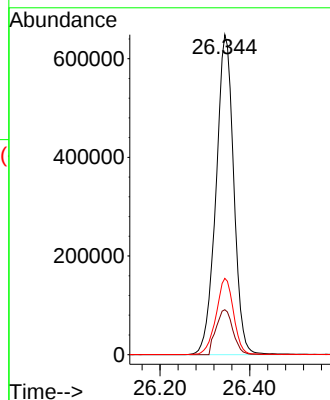
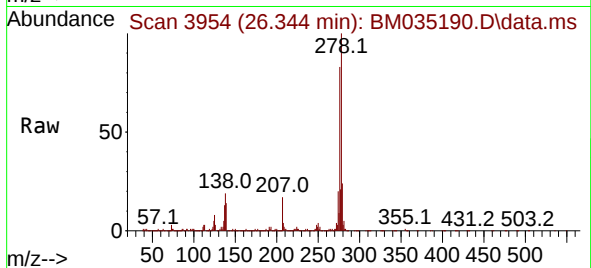
Tgt Ion:278 Resp: 1780446

Ion Ratio Lower Upper

278 100

139 14.1 12.9 19.3

279 23.9 18.7 28.1



#92

Benzo(g,h,i)perylene

Concen: 45.772 ng

RT: 27.091 min Scan# 4081

Delta R.T. -0.000 min

Lab File: BM035190.D

Acq: 23 May 2022 12:36

Tgt Ion:276 Resp: 1755958

Ion Ratio Lower Upper

276 100

277 24.2 18.7 28.1

138 18.7 17.6 26.4

