

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092122\
 Data File : BM036617.D
 Acq On : 21 Sep 2022 10:03
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Sep 21 22:46:27 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091522.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Sep 21 22:42:41 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.022	152	437712	20.000	ng/u1	0.00
20) Naphthalene-d8	10.834	136	1950540	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.645	164	1201332	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.380	188	2326624	20.000	ng/u1	0.00
79) Chrysene-d12	21.551	240	1701137	20.000	ng/u1	0.00
88) Perylene-d12	23.992	264	1475676	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.393	96	86274	7.389	ng/uL	0.00
4) Pyridine-d5	3.816	84	662049	19.442	ng/u1	0.00
7) Phenol-d5	7.175	99	791066	20.224	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.346	67	473558	19.935	ng/u1	0.00
11) 2-Chlorophenol-d4	7.551	132	609745	21.652	ng/u1	0.00
15) 4-Methylphenol-d8	8.728	113	615577	21.298	ng/u1	0.00
21) Nitrobenzene-d5	9.187	128	303730	23.006	ng/u1	0.00
24) 2-Nitrophenol-d4	9.910	143	300833	25.439	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.451	165	597220	21.792	ng/u1	0.00
31) 4-Chloroaniline-d4	10.969	131	889694	19.526	ng/u1	0.00
46) Dimethylphthalate-d6	14.057	166	1627069	20.082	ng/u1	0.00
49) Acenaphthylene-d8	14.339	160	1999736	20.807	ng/u1	0.00
54) 4-Nitrophenol-d4	14.828	143	306584	19.509	ng/u1	0.00
60) Fluorene-d10	15.633	176	1462314	20.139	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.745	200	196576	21.355	ng/u1	0.00
73) Anthracene-d10	17.480	188	2160230	20.307	ng/u1	0.00
81) Pyrene-d10	19.762	212	2087842	24.948	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.833	264	1486253	20.615	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.428	88	93932	7.468	ng/uL	98
5) Pyridine	3.840	79	676914	19.786	ng/u1	92
6) Benzaldehyde	7.157	77	479808	25.331	ng/u1	95
8) Phenol	7.199	94	844383	20.113	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.440	93	665155	20.364	ng/u1	99
12) 2-Chlorophenol	7.581	128	653470	21.451	ng/u1	98
13) 2-Methylphenol	8.463	108	639198	20.714	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.563	45	762985	19.708	ng/u1	97
16) Acetophenone	8.851	105	1038227	20.710	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.840	70	512593	21.190	ng/u1	94
18) 4-Methylphenol	8.793	108	700004	20.978	ng/u1	99
19) Hexachloroethane	9.110	117	254323	20.611	ng/u1	93
22) Nitrobenzene	9.228	77	750945	21.423	ng/u1	98
23) Isophorone	9.763	82	1431148	20.024	ng/u1	99
25) 2-Nitrophenol	9.945	139	350050	23.966	ng/u1	98
26) 2,4-Dimethylphenol	10.004	107	756261	20.993	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.245	93	879081	20.636	ng/u1	99
29) 2,4-Dichlorophenol	10.475	162	622782	21.616	ng/u1	99
30) Naphthalene	10.887	128	2170285	20.425	ng/u1	100
32) 4-Chloroaniline	10.992	127	924946	19.662	ng/u1	100
33) Hexachlorobutadiene	11.175	225	355519	20.176	ng/u1	98
34) Caprolactam	11.763	113	136372	14.592	ng/u1	94
35) 4-Chloro-3-methylphenol	12.104	107	673210	21.168	ng/u1	99
36) 2-Methylnaphthalene	12.486	142	1446618	20.433	ng/u1	99

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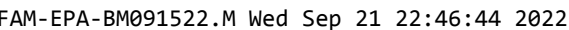
Instrument :
 BNA_M
 ClientSampleId :

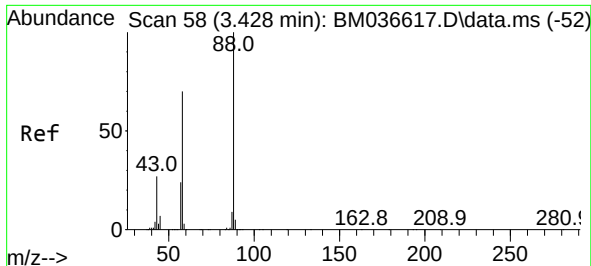
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.704	142	1448304	20.349	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.851	216	707095	20.795	ng/ul	99
40) Hexachlorocyclopentadiene	12.834	237	306620	17.303	ng/ul	99
41) 2,4,6-Trichlorophenol	13.086	196	458753	22.035	ng/ul	99
42) 2,4,5-Trichlorophenol	13.157	196	493706	22.118	ng/ul	99
43) 1,1'-Biphenyl	13.486	154	1848607	20.875	ng/ul	100
44) 2-Chloronaphthalene	13.528	162	1451761	20.891	ng/ul	100
45) 2-Nitroaniline	13.728	65	404082	23.625	ng/ul	97
47) Dimethylphthalate	14.104	163	1736179	20.201	ng/ul	99
48) 2,6-Dinitrotoluene	14.222	165	335364	24.000	ng/ul	95
50) Acenaphthylene	14.369	152	2267015	20.632	ng/ul	100
51) 3-Nitroaniline	14.545	138	392492	23.420	ng/ul#	95
52) Acenaphthene	14.710	153	1566541	20.376	ng/ul	100
53) 2,4-Dinitrophenol	14.751	184	137086	22.110	ng/ul	94
55) 4-Nitrophenol	14.845	109	257073	19.136	ng/ul	94
56) Dibenzofuran	15.045	168	2106274	20.400	ng/ul	99
57) 2,4-Dinitrotoluene	15.004	165	470899	23.181	ng/ul	91
58) 2,3,4,6-Tetrachlorophenol	15.263	232	392958	21.031	ng/ul#	97
59) Diethylphthalate	15.463	149	1698921	19.746	ng/ul	100
61) Fluorene	15.692	166	1778219	20.221	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.680	204	848684	20.180	ng/ul	99
63) 4-Nitroaniline	15.704	138	383707	23.565	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.763	198	215955	20.790	ng/ul	96
67) N-Nitrosodiphenylamine	15.892	169	1448376	21.136	ng/ul	99
68) 4-Bromophenyl-phenylether	16.574	248	468827	20.444	ng/ul	98
69) Hexachlorobenzene	16.686	284	537978	19.834	ng/ul	97
70) Atrazine	16.845	200	457543	18.921	ng/ul	99
71) Pentachlorophenol	17.027	266	294653	18.288	ng/ul	99
72) Phenanthrene	17.427	178	2591353	20.221	ng/ul	100
74) Anthracene	17.516	178	2649485	20.340	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.451	216	693531	21.794	ng/ul	99
76) Pentachlorobenzene	14.963	250	730627	21.228	ng/ul	100
77) Carbazole	17.780	167	2323633	19.267	ng/ul	100
78) Di-n-butylphthalate	18.351	149	2762241	20.208	ng/ul	100
80) Fluoranthene	19.433	202	2643272	25.775	ng/ul	98
82) Pyrene	19.792	202	2733393	25.180	ng/ul	100
83) Butylbenzylphthalate	20.686	149	1032334	25.097	ng/ul	93
84) 3,3'-Dichlorobenzidine	21.462	252	703985	21.179	ng/ul	96
85) Benzo(a)anthracene	21.533	228	2238725	21.004	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.468	149	1503979	25.030	ng/ul	100
87) Chrysene	21.586	228	2075816	20.518	ng/ul	100
89) Di-n-octyl phthalate	22.409	149	2259871	25.402	ng/ul	100
90) Benzo(b)fluoranthene	23.245	252	2003591	21.411	ng/ul	100
91) Benzo(k)fluoranthene	23.298	252	1877925	20.084	ng/ul	99
93) Benzo(a)pyrene	23.886	252	1692804	20.578	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	26.533	276	1905998	19.840	ng/ul	99
95) Dibenzo(a,h)anthracene	26.556	278	1740789	19.981	ng/ul	99
96) Benzo(g,h,i)perylene	27.321	276	1633142	19.610	ng/ul	99

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

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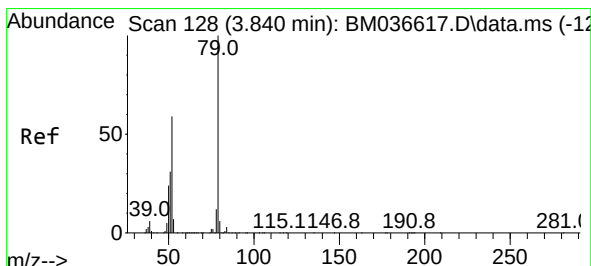
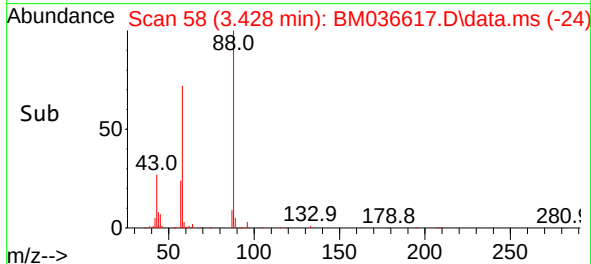
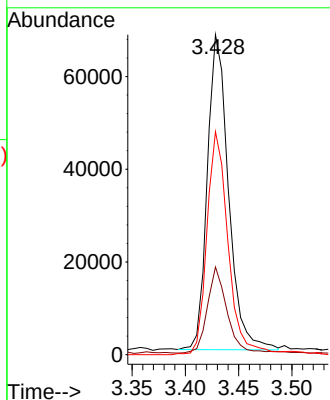
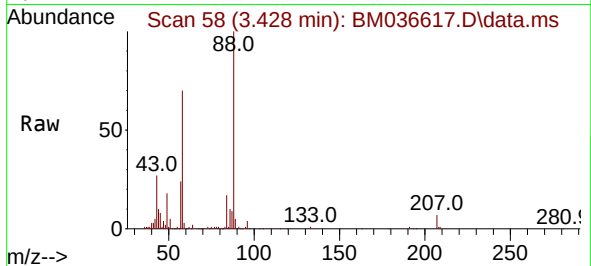




#2
 1,4-Dioxane
 Concen: 7.468 ng/uL
 RT: 3.428 min Scan# 58
 Delta R.T. 0.000 min
 Lab File: BM036617.D
 Acq: 21 Sep 2022 10:03

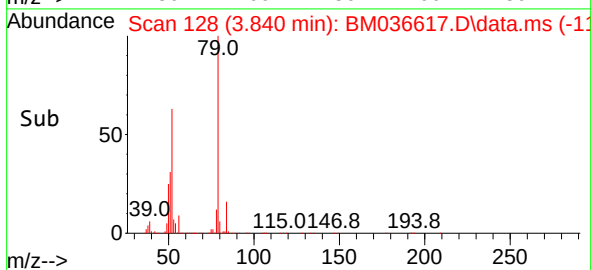
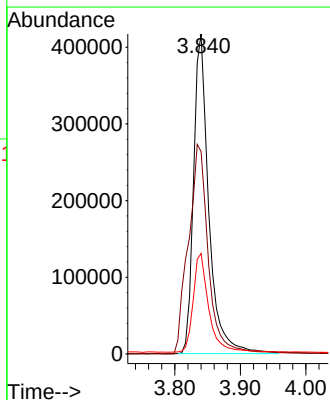
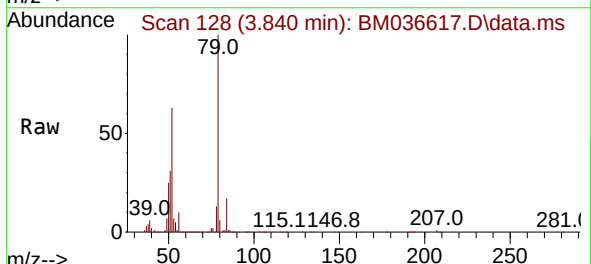
Instrument :
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 ClientSampleId :

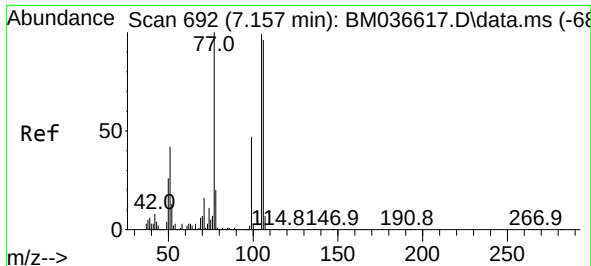
Tgt Ion	Ratio	Lower	Upper
88	100		
43	27.4	23.1	34.7
58	69.7	56.6	85.0



#5
 Pyridine
 Concen: 19.786 ng/uL
 RT: 3.840 min Scan# 128
 Delta R.T. 0.000 min
 Lab File: BM036617.D
 Acq: 21 Sep 2022 10:03

Tgt Ion	Ratio	Lower	Upper
79	100		
52	63.2	57.2	85.8
51	31.4	26.8	40.2

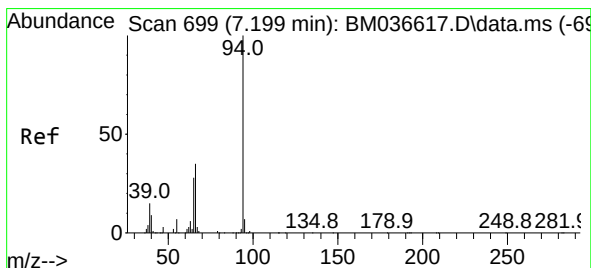
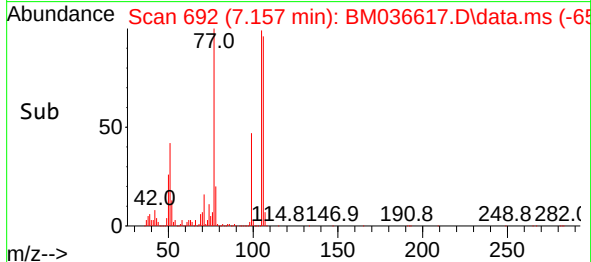
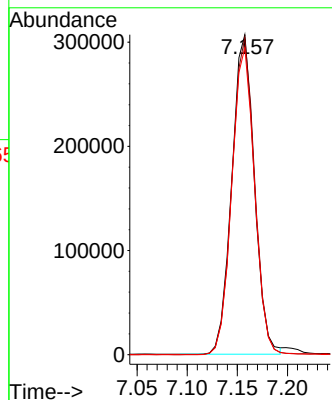
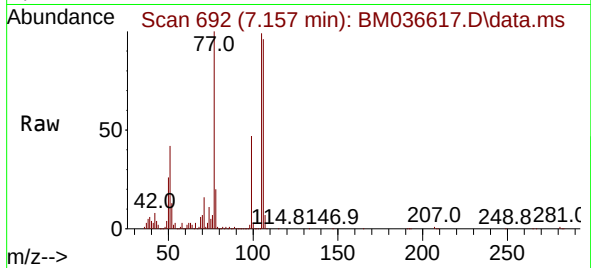




#6
Benzaldehyde
Concen: 25.331 ng/ul
RT: 7.157 min Scan# 692
Delta R.T. 0.000 min
Lab File: BM036617.D
Acq: 21 Sep 2022 10:03

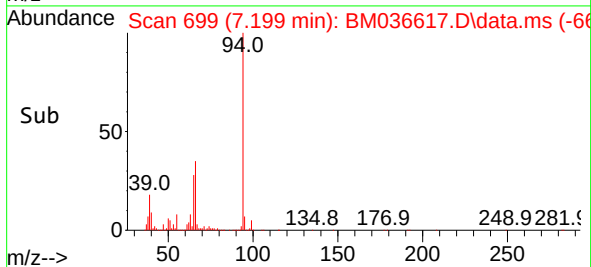
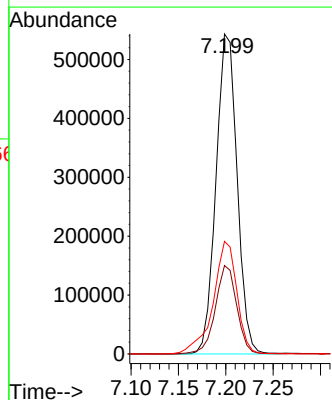
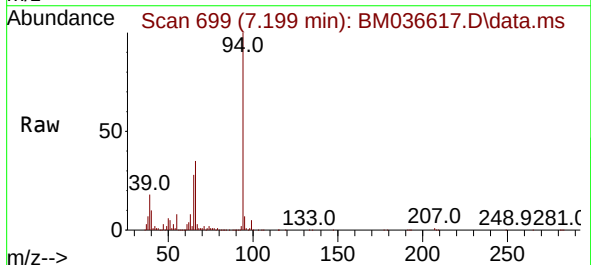
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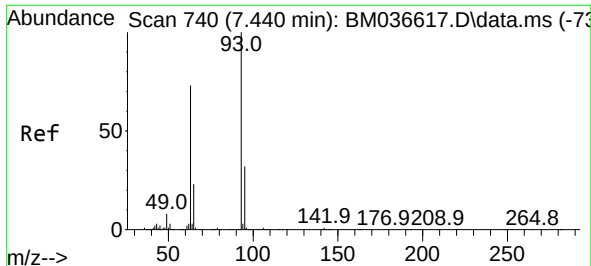
Tgt Ion: 77 Resp: 479808
Ion Ratio Lower Upper
77 100
105 99.1 75.1 112.7
106 95.9 73.0 109.6



#8
Phenol
Concen: 20.113 ng/ul
RT: 7.199 min Scan# 699
Delta R.T. 0.000 min
Lab File: BM036617.D
Acq: 21 Sep 2022 10:03

Tgt Ion: 94 Resp: 844383
Ion Ratio Lower Upper
94 100
65 27.7 22.2 33.4
66 35.2 28.9 43.3

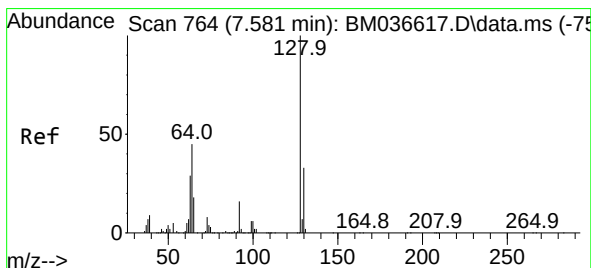
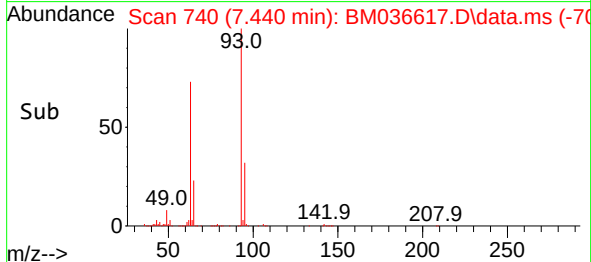
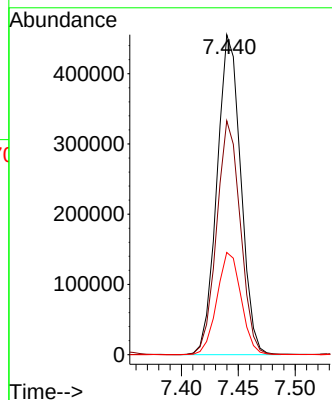
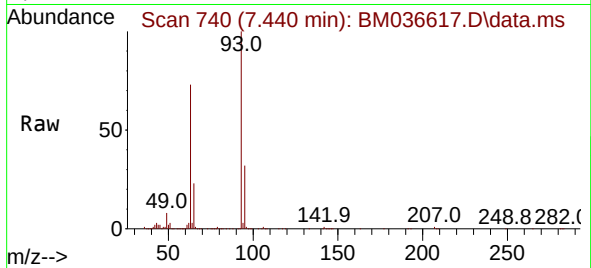




#10
Bis(2-Chloroethyl)ether
Concen: 20.364 ng/ul
RT: 7.440 min Scan# 740
Delta R.T. 0.000 min
Lab File: BM036617.D
Acq: 21 Sep 2022 10:03

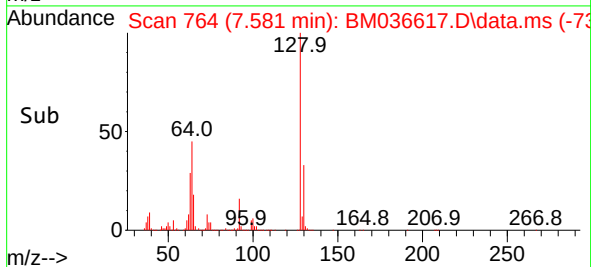
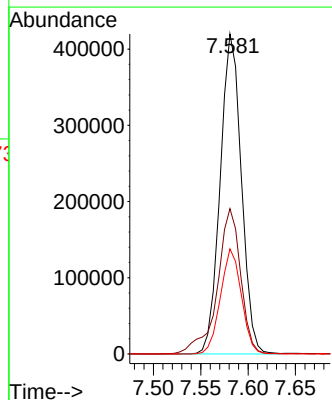
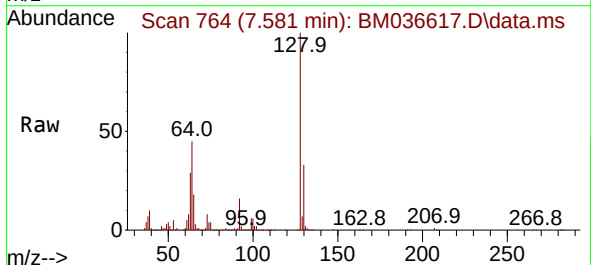
Instrument :
BNA_M
ClientSampleId :

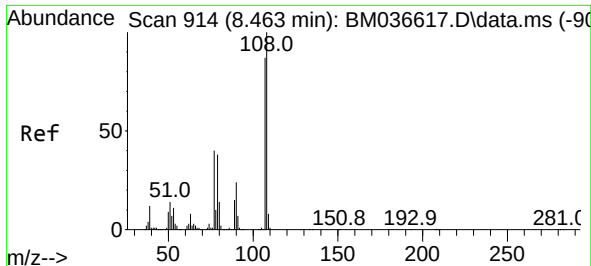
Tgt Ion: 93 Resp: 665155
Ion Ratio Lower Upper
93 100
63 73.1 59.1 88.7
95 31.9 26.1 39.1



#12
2-Chlorophenol
Concen: 21.451 ng/ul
RT: 7.581 min Scan# 764
Delta R.T. 0.000 min
Lab File: BM036617.D
Acq: 21 Sep 2022 10:03

Tgt Ion:128 Resp: 653470
Ion Ratio Lower Upper
128 100
64 45.4 37.8 56.8
130 32.8 26.0 39.0





#13

2-Methylphenol

Concen: 20.714 ng/ul

RT: 8.463 min Scan# 914

Delta R.T. 0.000 min

Lab File: BM036617.D

Acq: 21 Sep 2022 10:03

Instrument :

BNA_M

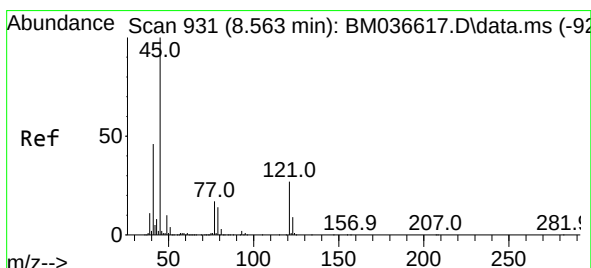
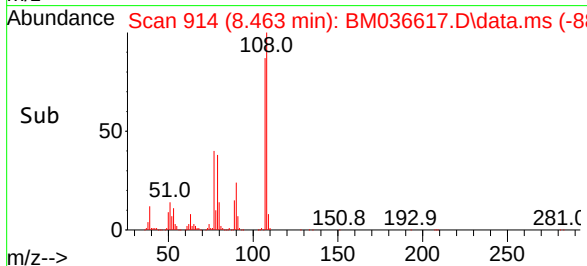
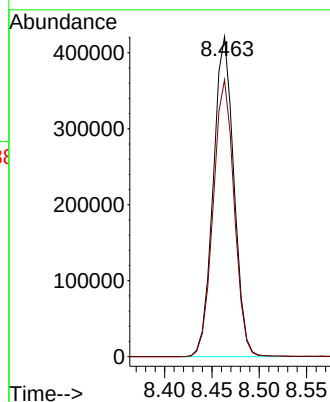
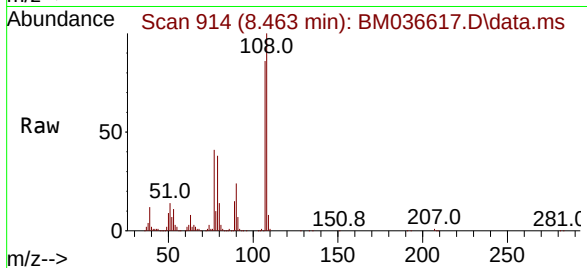
ClientSampleId :

Tgt Ion:108 Resp: 639198

Ion Ratio Lower Upper

108 100

107 86.5 70.7 106.1



#14

2,2'-oxybis(1-Chloropropane)

Concen: 19.708 ng/ul

RT: 8.563 min Scan# 931

Delta R.T. 0.000 min

Lab File: BM036617.D

Acq: 21 Sep 2022 10:03

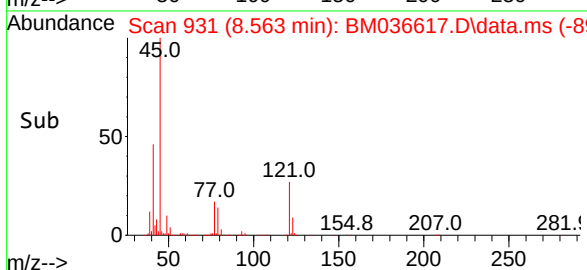
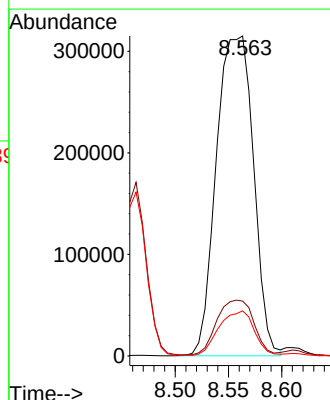
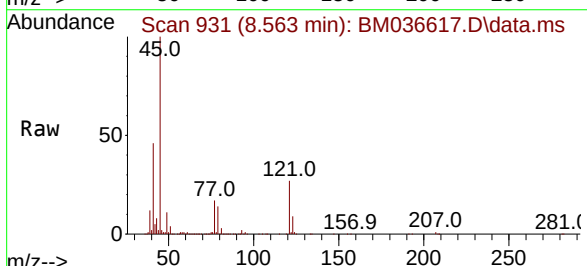
Tgt Ion: 45 Resp: 762985

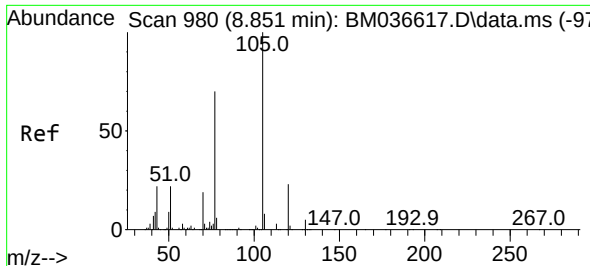
Ion Ratio Lower Upper

45 100

77 17.2 13.1 19.7

79 14.1 9.5 14.3

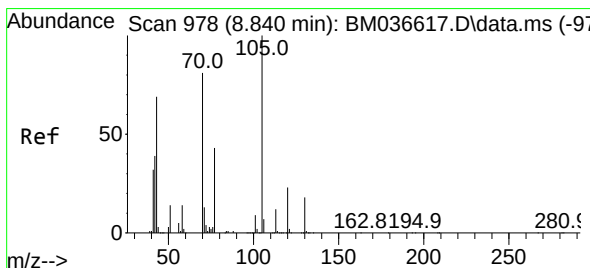
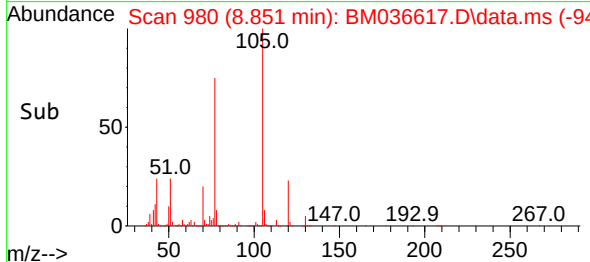
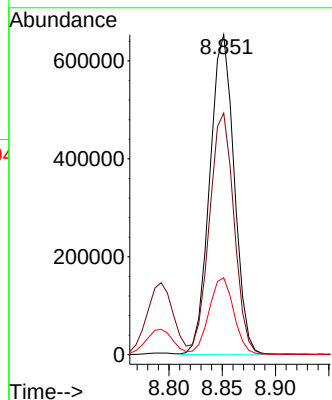
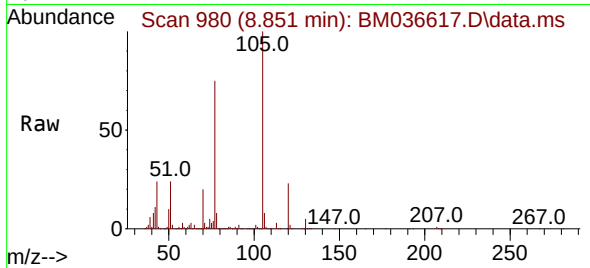




#16
Acetophenone
Concen: 20.710 ng/ul
RT: 8.851 min Scan# 980
Delta R.T. 0.000 min
Lab File: BM036617.D
Acq: 21 Sep 2022 10:03

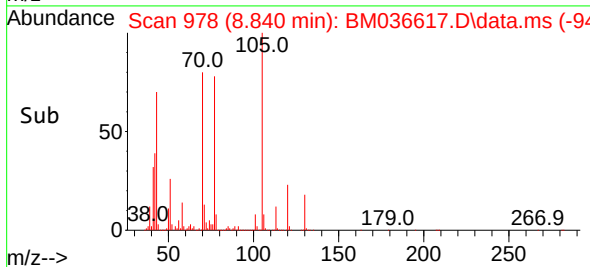
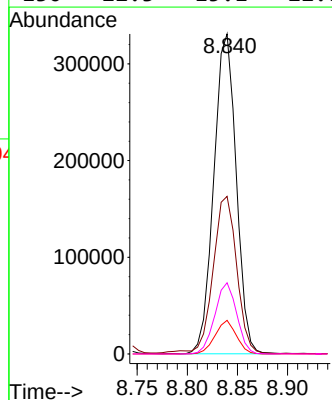
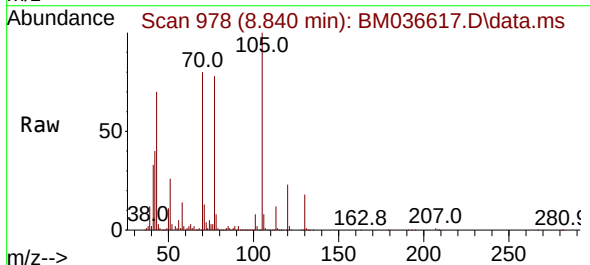
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BNA_M
ClientSampleId :

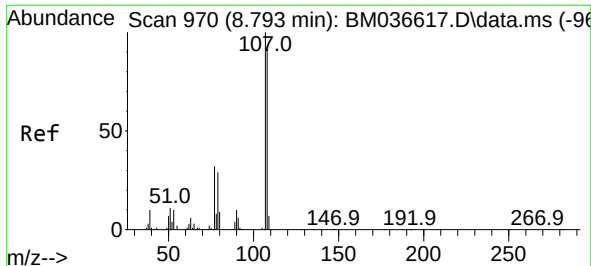
Tgt Ion:105 Resp: 1038227
Ion Ratio Lower Upper
105 100
77 75.5 61.6 92.4
51 24.0 20.5 30.7



#17
N-Nitroso-di-n-propylamine
Concen: 21.190 ng/ul
RT: 8.840 min Scan# 978
Delta R.T. 0.000 min
Lab File: BM036617.D
Acq: 21 Sep 2022 10:03

Tgt Ion: 70 Resp: 512593
Ion Ratio Lower Upper
70 100
42 49.3 43.0 64.4
101 10.5 7.7 11.5
130 22.3 15.1 22.7





#18

4-Methylphenol

Concen: 20.978 ng/ul

RT: 8.793 min Scan# 970

Delta R.T. 0.000 min

Lab File: BM036617.D

Acq: 21 Sep 2022 10:03

Instrument :

BNA_M

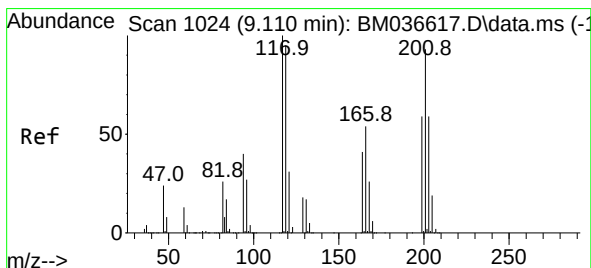
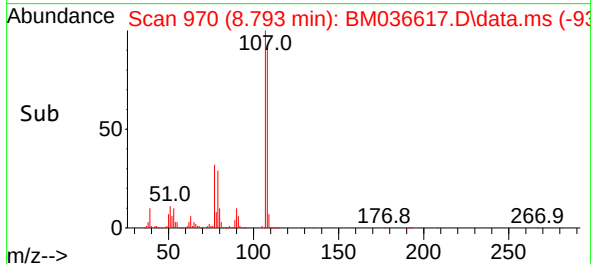
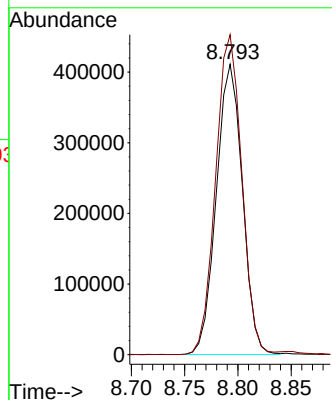
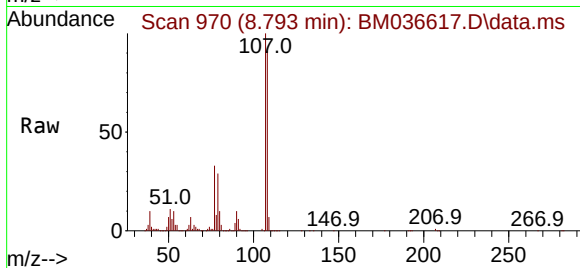
ClientSampleId :

Tgt Ion:108 Resp: 700004

Ion Ratio Lower Upper

108 100

107 110.2 89.4 134.0



#19

Hexachloroethane

Concen: 20.611 ng/ul

RT: 9.110 min Scan# 1024

Delta R.T. 0.000 min

Lab File: BM036617.D

Acq: 21 Sep 2022 10:03

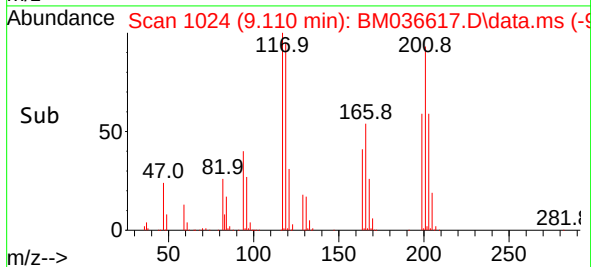
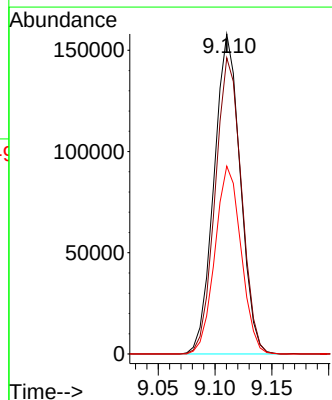
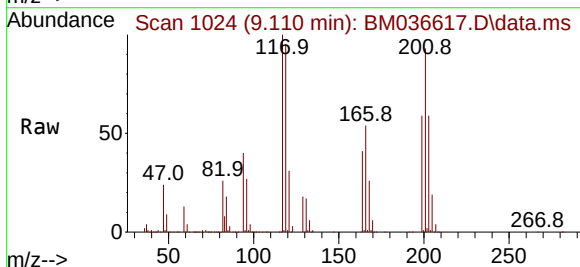
Tgt Ion:117 Resp: 254323

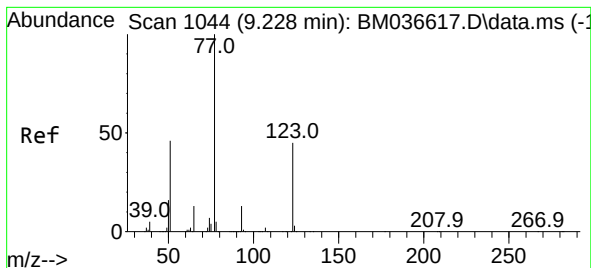
Ion Ratio Lower Upper

117 100

201 92.6 68.7 103.1

199 58.7 43.0 64.6

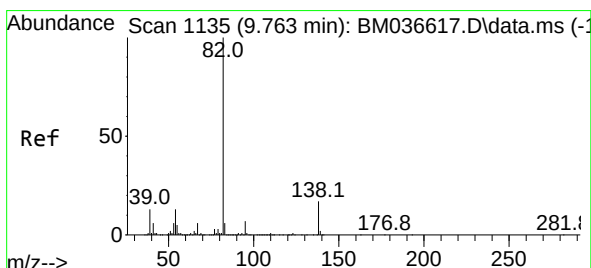
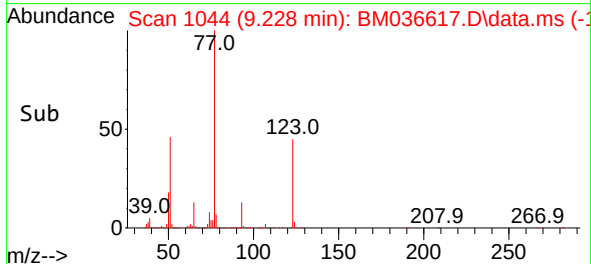
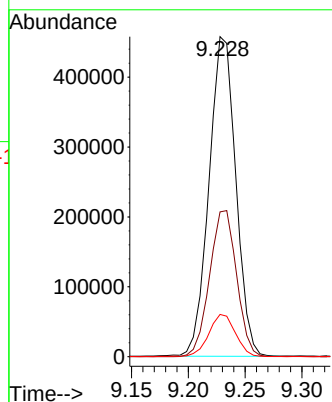
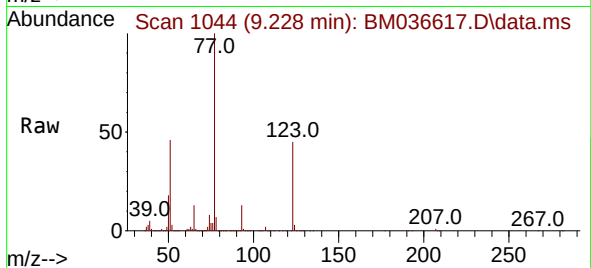




#22
Nitrobenzene
Concen: 21.423 ng/ul
RT: 9.228 min Scan# 1044
Delta R.T. 0.000 min
Lab File: BM036617.D
Acq: 21 Sep 2022 10:03

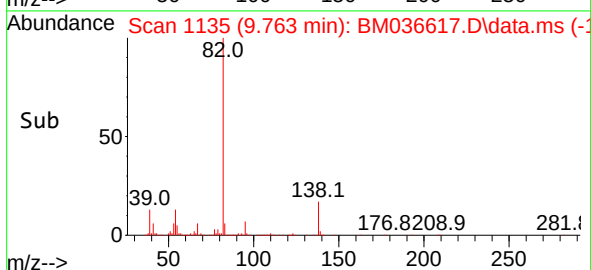
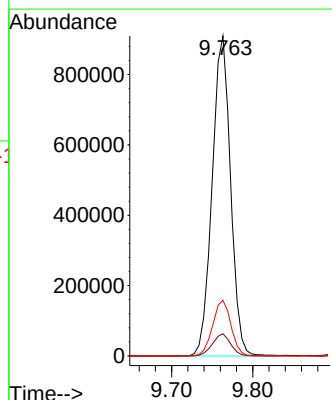
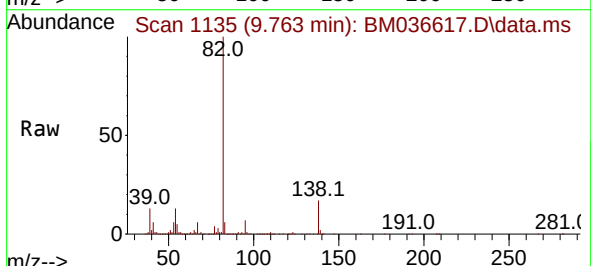
Instrument :
BNA_M
ClientSampleId :

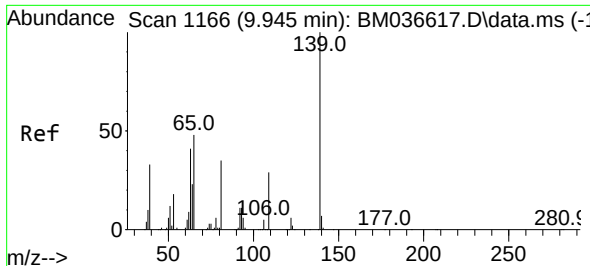
Tgt Ion: 77 Resp: 750945
Ion Ratio Lower Upper
77 100
123 45.3 34.9 52.3
65 13.2 10.7 16.1



#23
Isophorone
Concen: 20.024 ng/ul
RT: 9.763 min Scan# 1135
Delta R.T. 0.000 min
Lab File: BM036617.D
Acq: 21 Sep 2022 10:03

Tgt Ion: 82 Resp: 1431148
Ion Ratio Lower Upper
82 100
95 6.9 5.4 8.2
138 17.4 13.5 20.3

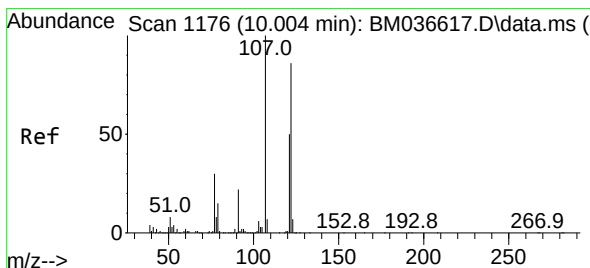
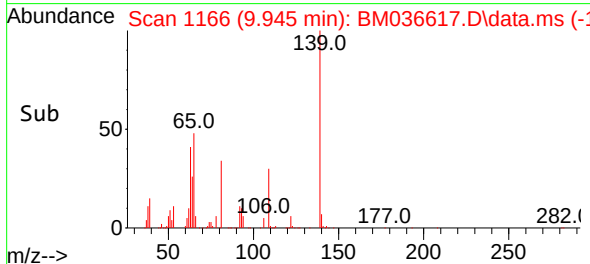
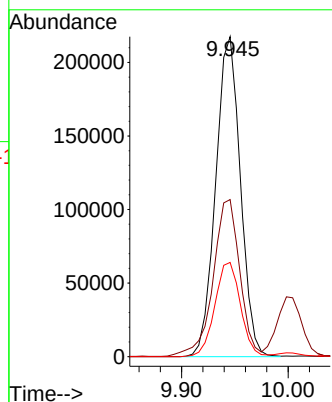
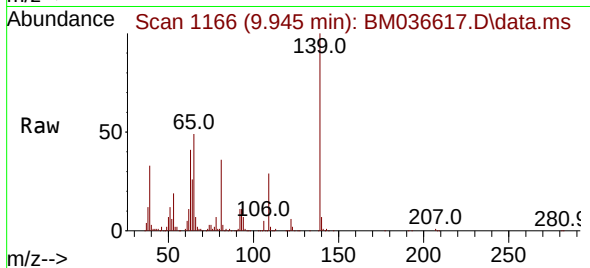




#25
2-Nitrophenol
Concen: 23.966 ng/ul
RT: 9.945 min Scan# 1166
Delta R.T. 0.000 min
Lab File: BM036617.D
Acq: 21 Sep 2022 10:03

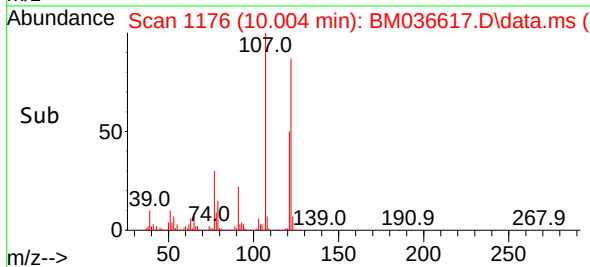
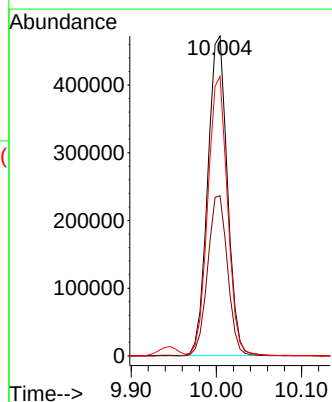
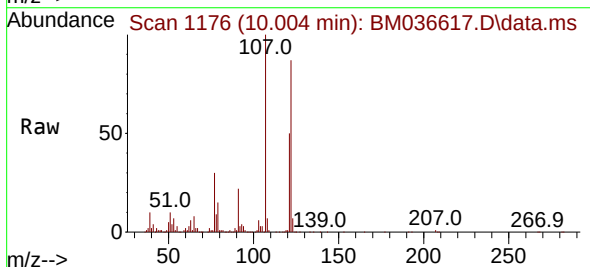
Instrument :
BNA_M
ClientSampleId :

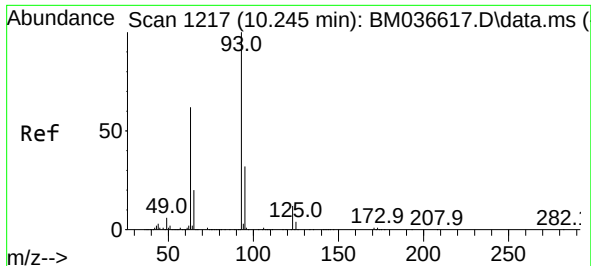
Tgt Ion:139 Resp: 350050
Ion Ratio Lower Upper
139 100
65 49.1 40.9 61.3
109 29.4 23.9 35.9



#26
2,4-Dimethylphenol
Concen: 20.993 ng/ul
RT: 10.004 min Scan# 1176
Delta R.T. 0.000 min
Lab File: BM036617.D
Acq: 21 Sep 2022 10:03

Tgt Ion:107 Resp: 756261
Ion Ratio Lower Upper
107 100
121 50.1 39.4 59.2
122 87.3 69.1 103.7





#27

Bis(2-Chloroethoxy)methane

Concen: 20.636 ng/ul

RT: 10.245 min Scan# 1217

Delta R.T. 0.000 min

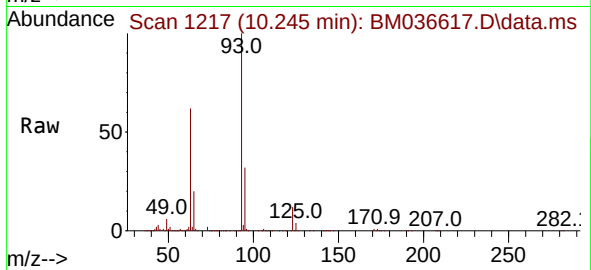
Lab File: BM036617.D

Acq: 21 Sep 2022 10:03

Instrument :

BNA_M

ClientSampleId :



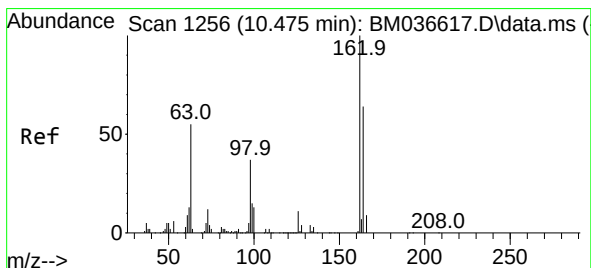
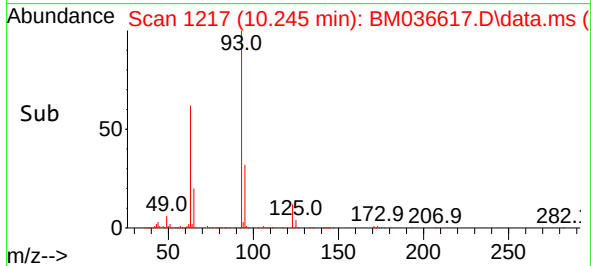
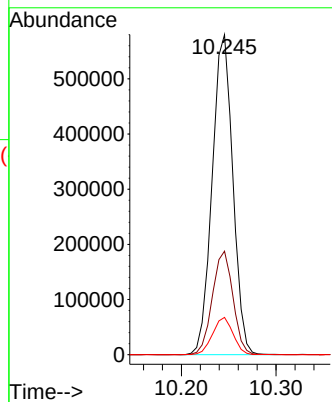
Tgt Ion: 93 Resp: 879081

Ion Ratio Lower Upper

93 100

95 32.4 26.2 39.4

123 11.7 9.2 13.8



#29

2,4-Dichlorophenol

Concen: 21.616 ng/ul

RT: 10.475 min Scan# 1256

Delta R.T. 0.000 min

Lab File: BM036617.D

Acq: 21 Sep 2022 10:03

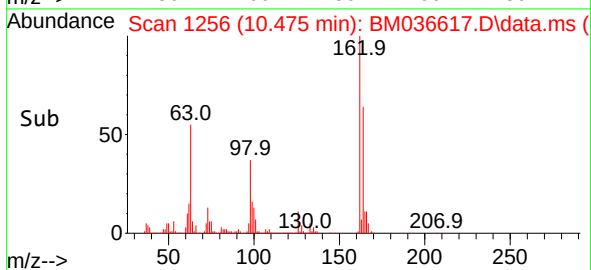
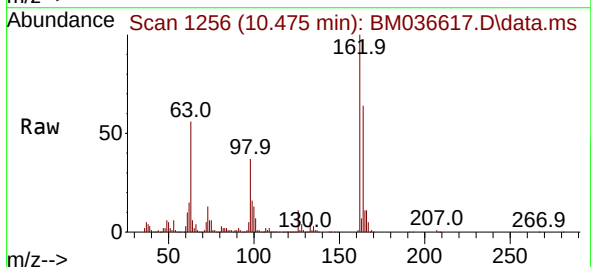
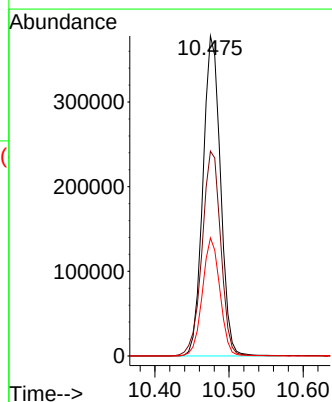
Tgt Ion: 162 Resp: 622782

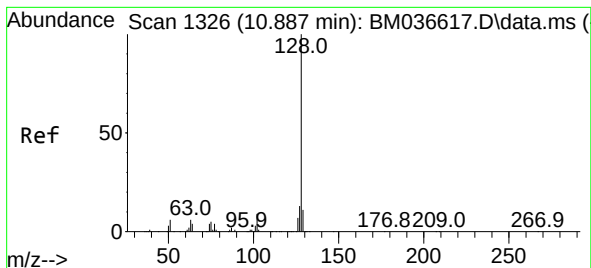
Ion Ratio Lower Upper

162 100

164 64.0 52.1 78.1

98 36.9 29.1 43.7

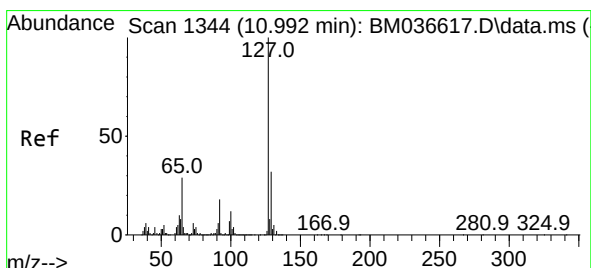
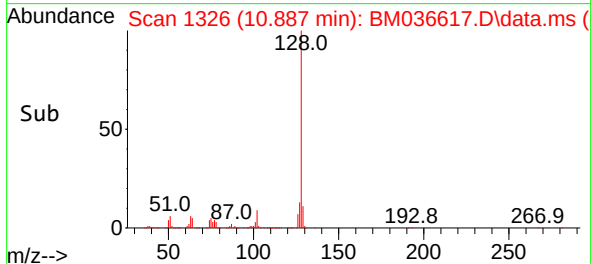
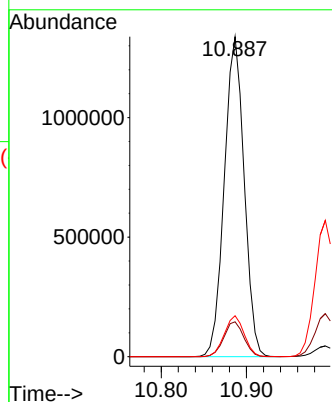
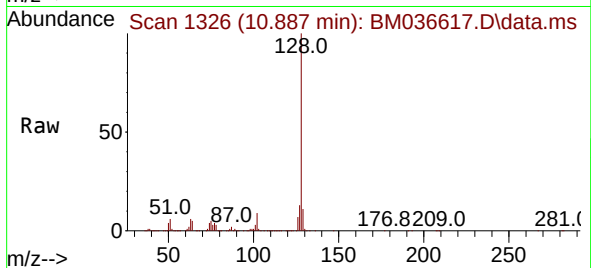




#30
Naphthalene
Concen: 20.425 ng/ul
RT: 10.887 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM036617.D
Acq: 21 Sep 2022 10:03

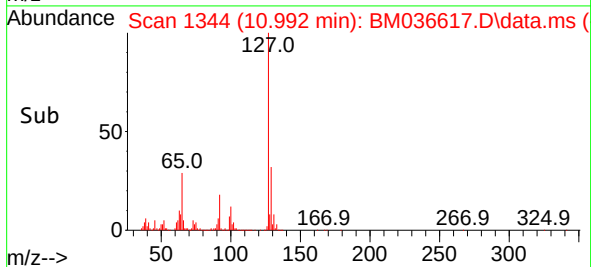
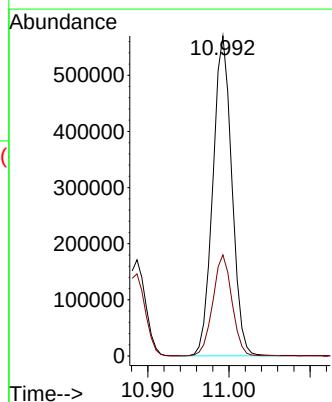
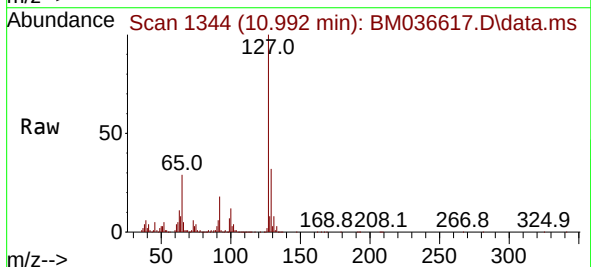
Instrument :
BNA_M
ClientSampleId :

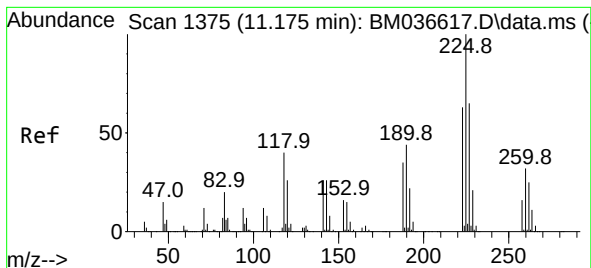
Tgt Ion:128 Resp: 2170285
Ion Ratio Lower Upper
128 100
129 10.9 8.7 13.1
127 12.8 10.3 15.5



#32
4-Chloroaniline
Concen: 19.662 ng/ul
RT: 10.992 min Scan# 1344
Delta R.T. 0.000 min
Lab File: BM036617.D
Acq: 21 Sep 2022 10:03

Tgt Ion:127 Resp: 924946
Ion Ratio Lower Upper
127 100
129 31.6 25.4 38.2

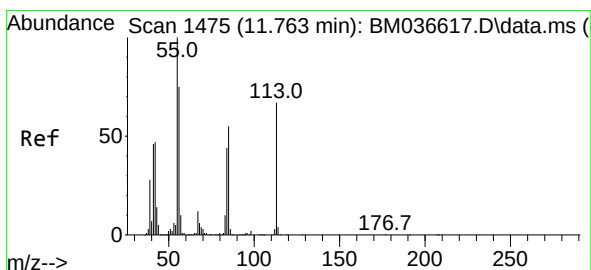
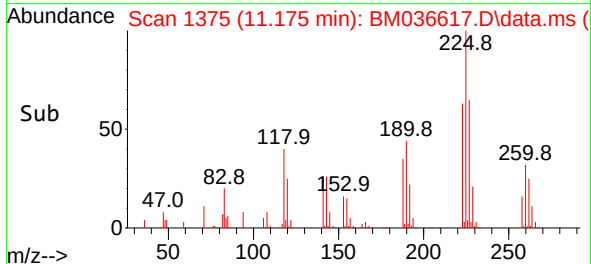
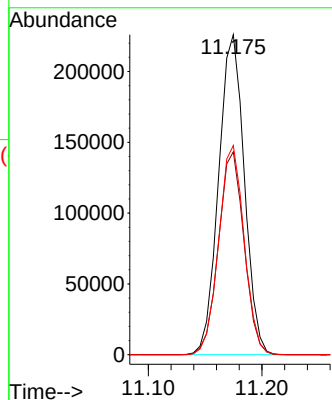
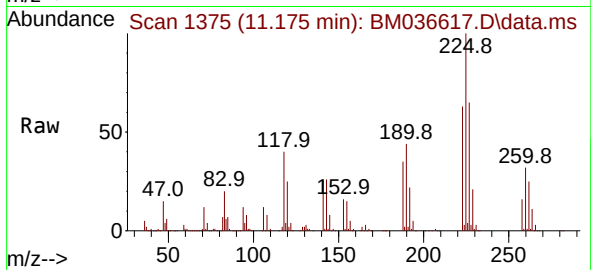




#33
Hexachlorobutadiene
Concen: 20.176 ng/ul
RT: 11.175 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM036617.D
Acq: 21 Sep 2022 10:03

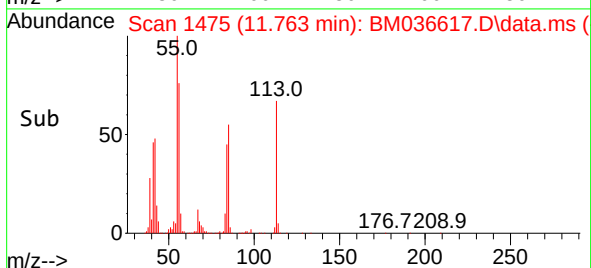
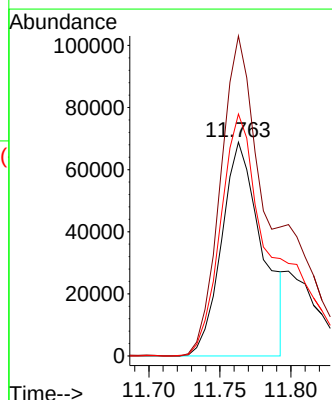
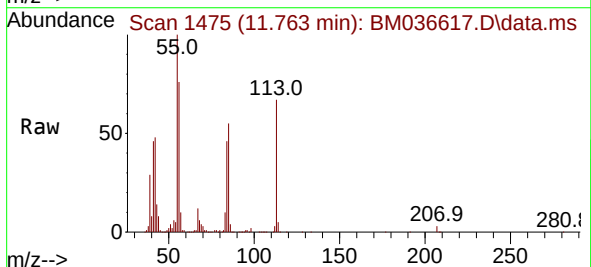
Instrument :
BNA_M
ClientSampleId :

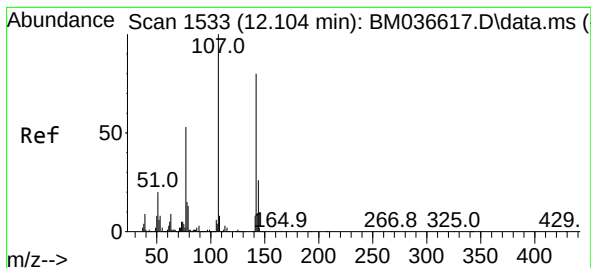
Tgt Ion:225 Resp: 355519
Ion Ratio Lower Upper
225 100
223 63.4 49.8 74.8
227 65.3 51.0 76.6



#34
Caprolactam
Concen: 14.592 ng/ul
RT: 11.763 min Scan# 1475
Delta R.T. 0.000 min
Lab File: BM036617.D
Acq: 21 Sep 2022 10:03

Tgt Ion:113 Resp: 136372
Ion Ratio Lower Upper
113 100
55 149.7 127.5 191.3
56 113.2 94.6 142.0

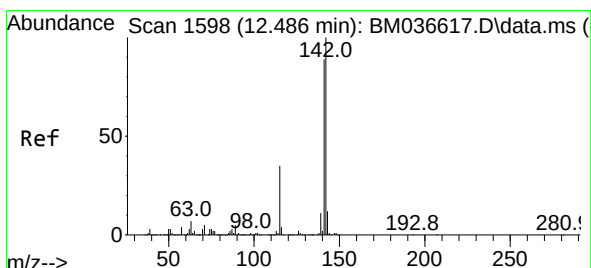
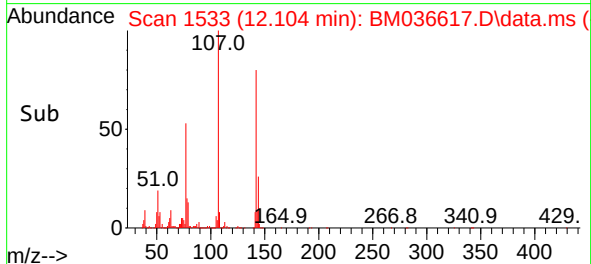
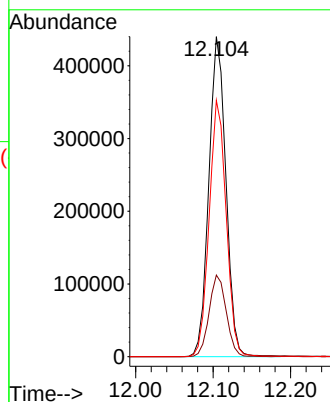
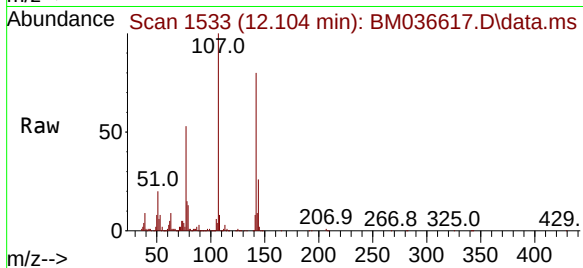




#35
4-Chloro-3-methylphenol
Concen: 21.168 ng/ul
RT: 12.104 min Scan# 1533
Delta R.T. 0.000 min
Lab File: BM036617.D
Acq: 21 Sep 2022 10:03

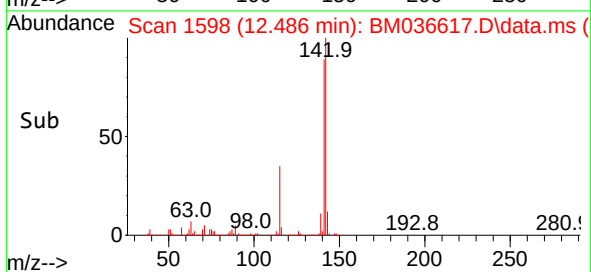
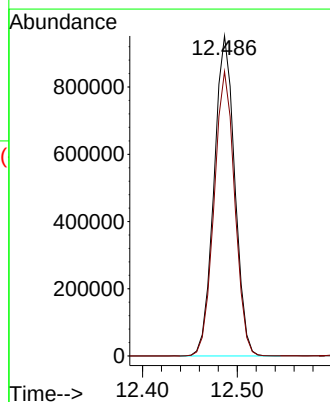
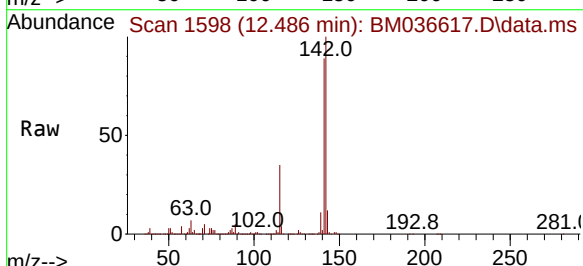
Instrument :
BNA_M
ClientSampleId :

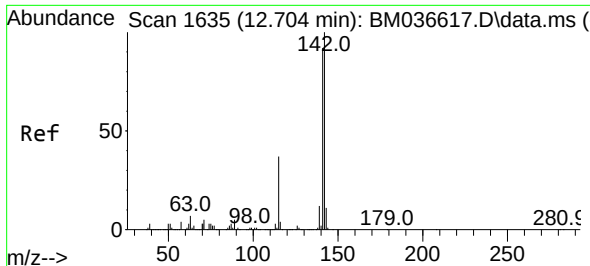
Tgt Ion:107 Resp: 673210
Ion Ratio Lower Upper
107 100
144 25.5 21.5 32.3
142 80.1 63.9 95.9



#36
2-Methylnaphthalene
Concen: 20.433 ng/ul
RT: 12.486 min Scan# 1598
Delta R.T. 0.000 min
Lab File: BM036617.D
Acq: 21 Sep 2022 10:03

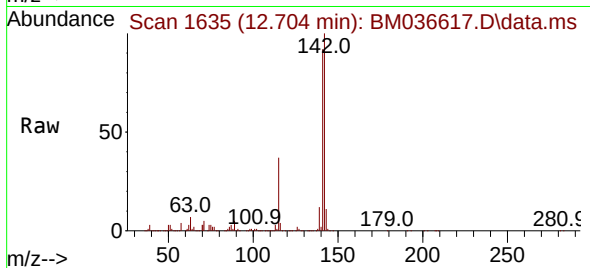
Tgt Ion:142 Resp: 1446618
Ion Ratio Lower Upper
142 100
141 88.9 70.7 106.1



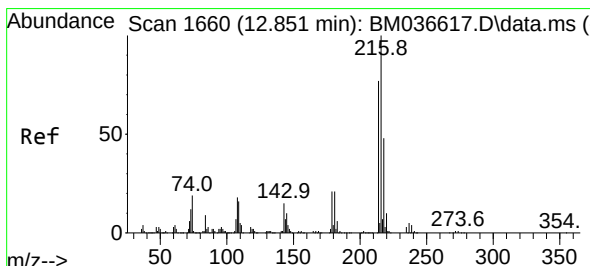
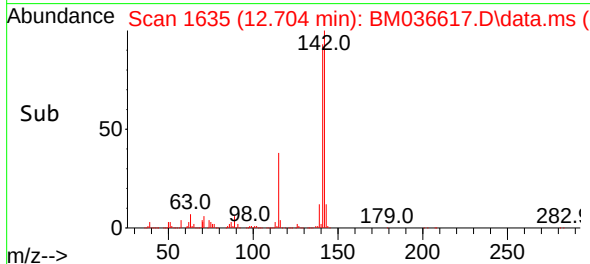
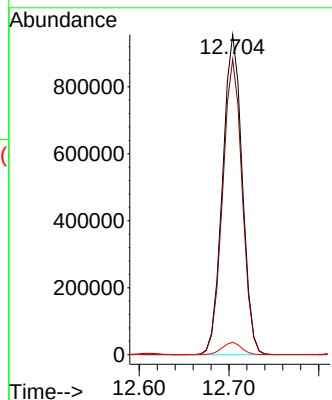


#37
1-Methylnaphthalene
Concen: 20.349 ng/ul
RT: 12.704 min Scan# 1635
Delta R.T. 0.000 min
Lab File: BM036617.D
Acq: 21 Sep 2022 10:03

Instrument :
BNA_M
ClientSampleId :

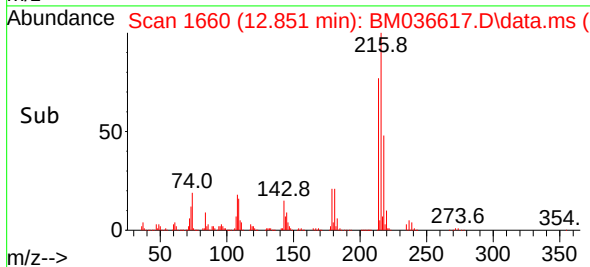
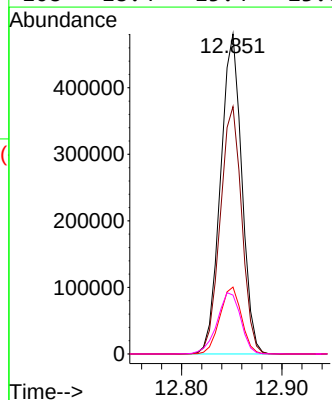
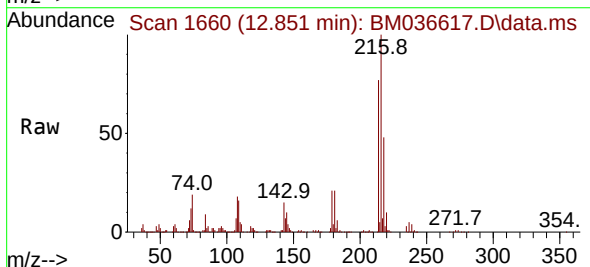


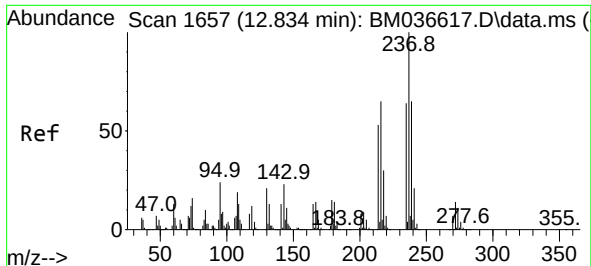
Tgt Ion:142 Resp: 1448304
Ion Ratio Lower Upper
142 100
141 92.3 73.4 110.2
116 3.9 3.1 4.7



#39
1,2,4,5-Tetrachlorobenzene
Concen: 20.795 ng/ul
RT: 12.851 min Scan# 1660
Delta R.T. 0.000 min
Lab File: BM036617.D
Acq: 21 Sep 2022 10:03

Tgt Ion:216 Resp: 707095
Ion Ratio Lower Upper
216 100
214 77.3 62.4 93.6
179 20.9 16.7 25.1
108 18.4 15.4 23.0

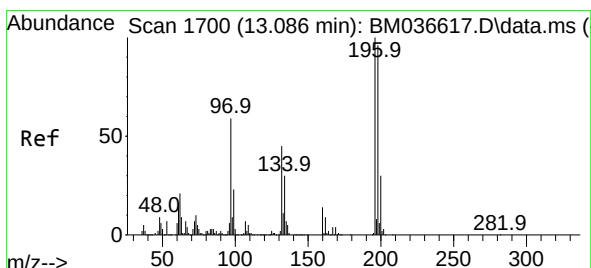
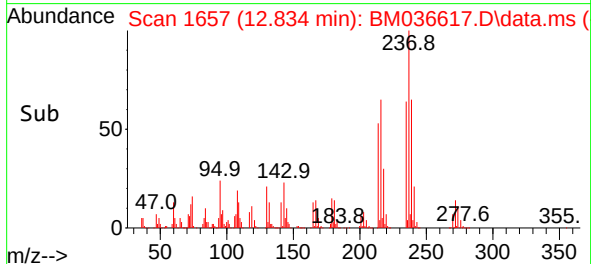
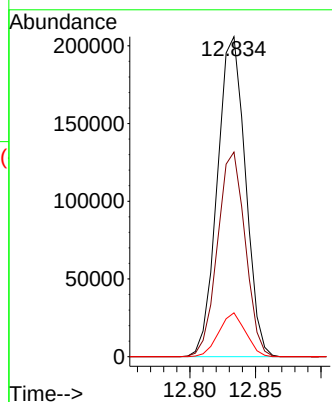
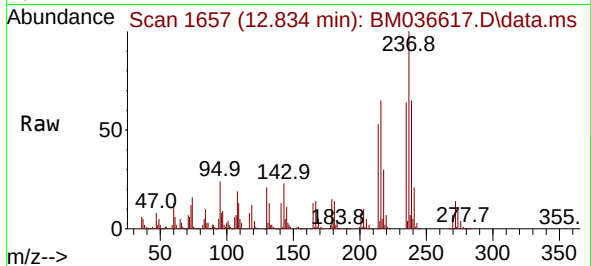




#40
Hexachlorocyclopentadiene
Concen: 17.303 ng/ul
RT: 12.834 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM036617.D
Acq: 21 Sep 2022 10:03

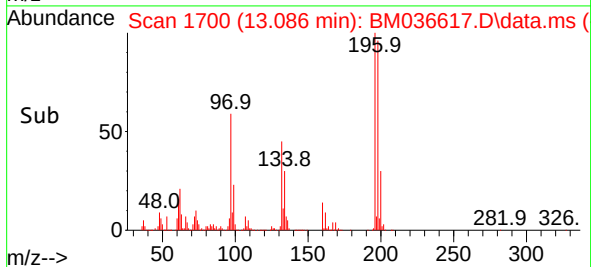
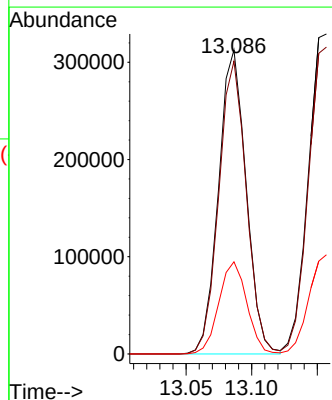
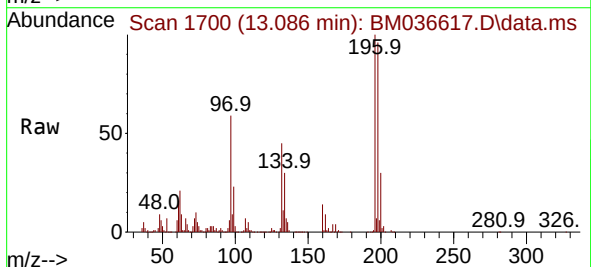
Instrument :
BNA_M
ClientSampleId :

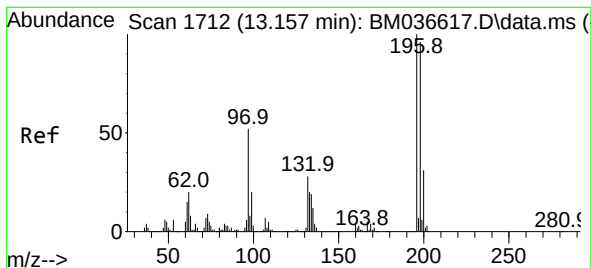
Tgt Ion:237 Resp: 306620
Ion Ratio Lower Upper
237 100
235 63.9 50.9 76.3
272 14.4 10.3 15.5



#41
2,4,6-Trichlorophenol
Concen: 22.035 ng/ul
RT: 13.086 min Scan# 1700
Delta R.T. 0.000 min
Lab File: BM036617.D
Acq: 21 Sep 2022 10:03

Tgt Ion:196 Resp: 458753
Ion Ratio Lower Upper
196 100
198 96.3 77.3 115.9
200 30.3 25.2 37.8





#42

2,4,5-Trichlorophenol

Concen: 22.118 ng/ul

RT: 13.157 min Scan# 1

Delta R.T. 0.000 min

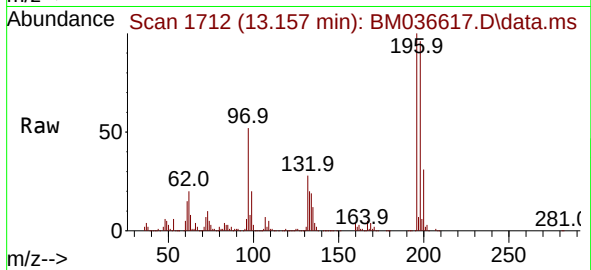
Lab File: BM036617.D

Acq: 21 Sep 2022 10:03

Instrument :

BNA_M

ClientSampleId :



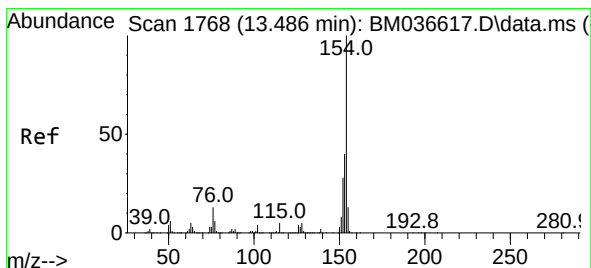
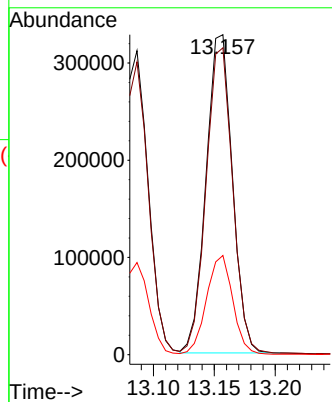
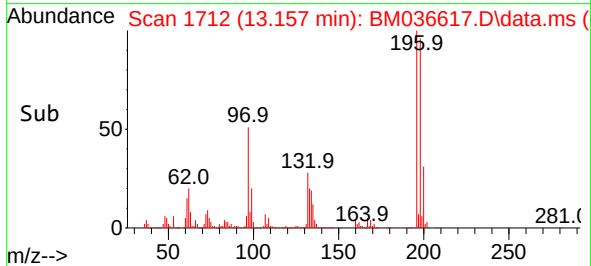
Tgt Ion:196 Resp: 493706

Ion Ratio Lower Upper

196 100

198 95.9 75.6 113.4

200 31.0 24.7 37.1



#43

1,1'-Biphenyl

Concen: 20.875 ng/ul

RT: 13.486 min Scan# 1768

Delta R.T. 0.000 min

Lab File: BM036617.D

Acq: 21 Sep 2022 10:03

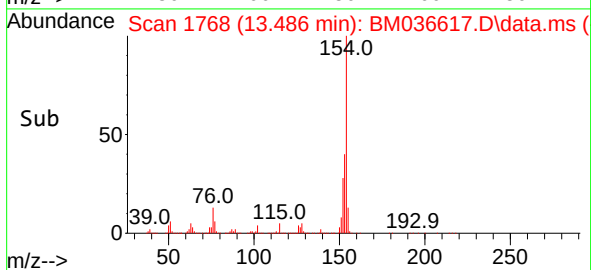
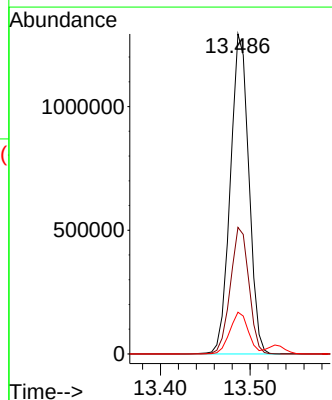
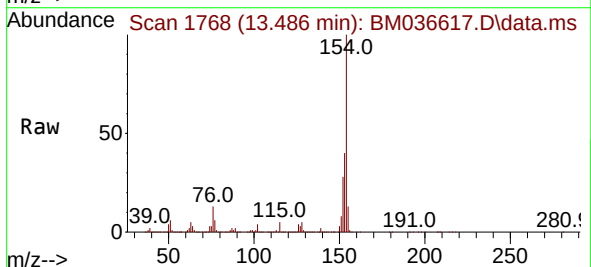
Tgt Ion:154 Resp: 1848607

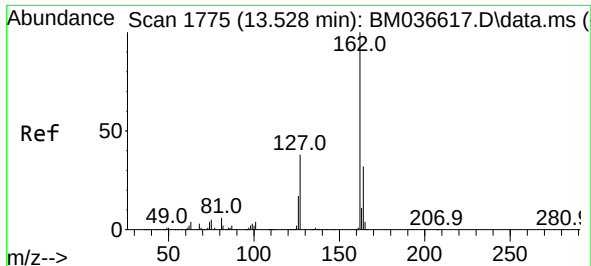
Ion Ratio Lower Upper

154 100

153 39.6 31.4 47.2

76 13.1 10.4 15.6

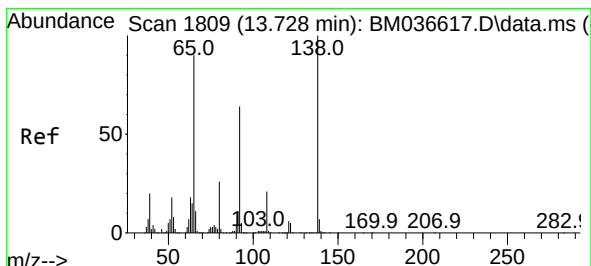
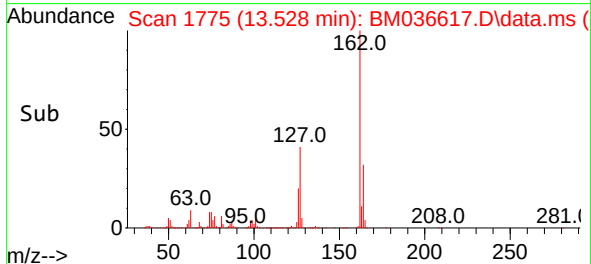
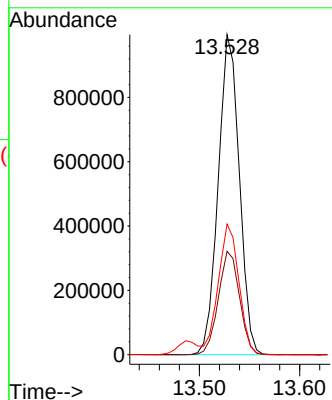
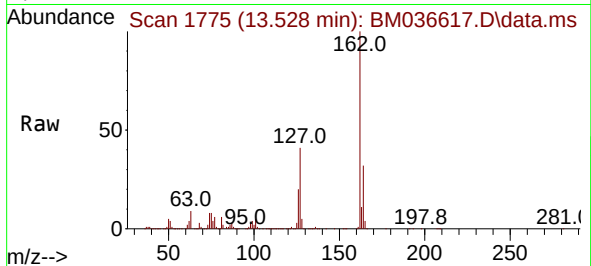




#44
2-Chloronaphthalene
Concen: 20.891 ng/ul
RT: 13.528 min Scan# 1775
Delta R.T. 0.000 min
Lab File: BM036617.D
Acq: 21 Sep 2022 10:03

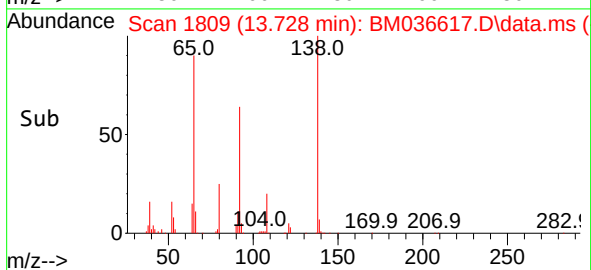
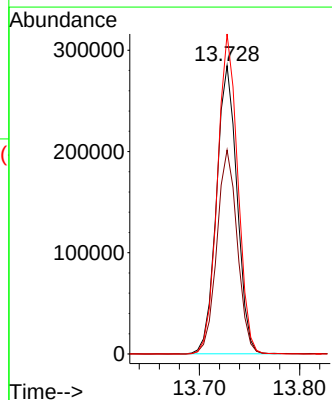
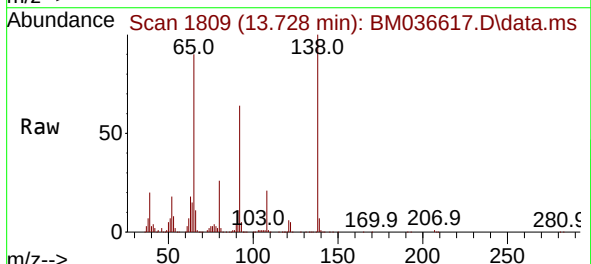
Instrument :
BNA_M
ClientSampleId :

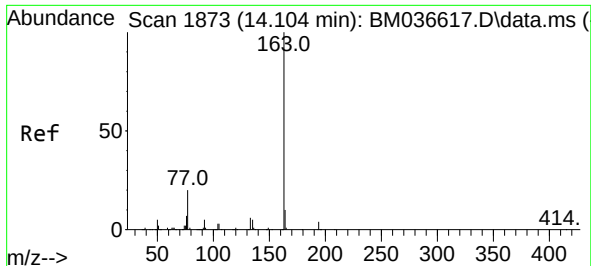
Tgt Ion:162 Resp: 1451761
Ion Ratio Lower Upper
162 100
164 32.3 26.2 39.2
127 40.8 32.6 49.0



#45
2-Nitroaniline
Concen: 23.625 ng/ul
RT: 13.728 min Scan# 1809
Delta R.T. 0.000 min
Lab File: BM036617.D
Acq: 21 Sep 2022 10:03

Tgt Ion: 65 Resp: 404082
Ion Ratio Lower Upper
65 100
92 70.8 54.4 81.6
138 111.0 86.1 129.1

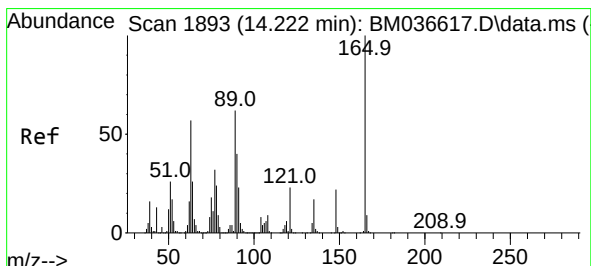
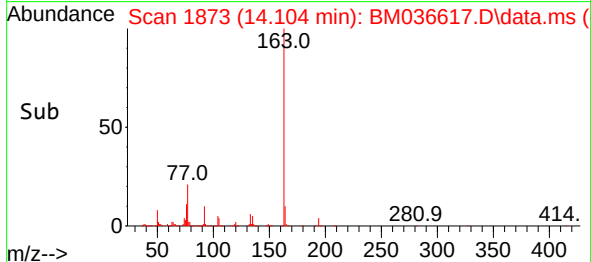
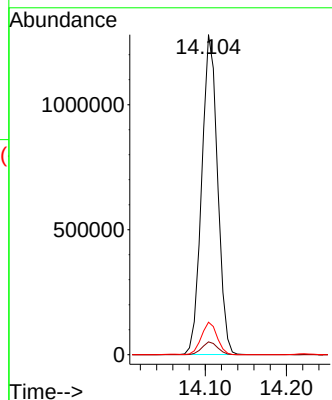
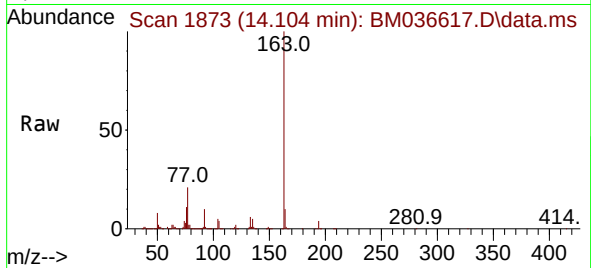




#47
Dimethylphthalate
Concen: 20.201 ng/ul
RT: 14.104 min Scan# 1873
Delta R.T. 0.000 min
Lab File: BM036617.D
Acq: 21 Sep 2022 10:03

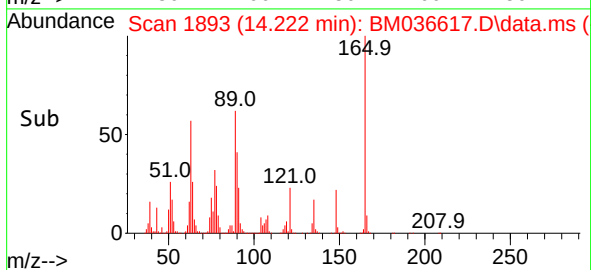
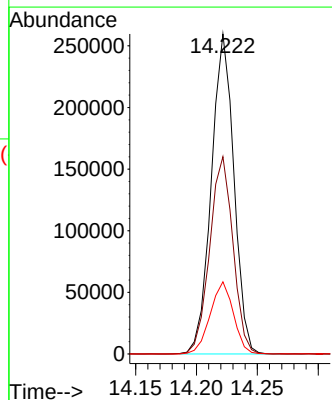
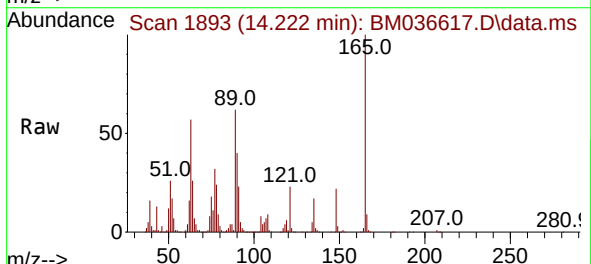
Instrument :
BNA_M
ClientSampleId :

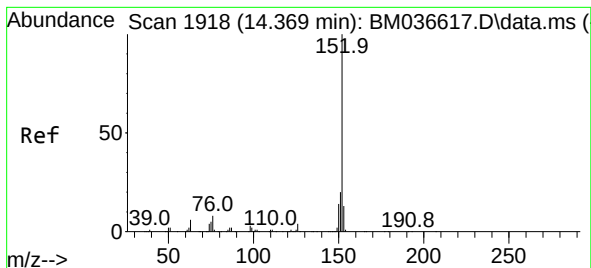
Tgt Ion:163 Resp: 1736179
Ion Ratio Lower Upper
163 100
194 4.0 3.0 4.6
164 10.2 8.3 12.5



#48
2,6-Dinitrotoluene
Concen: 24.000 ng/ul
RT: 14.222 min Scan# 1893
Delta R.T. 0.000 min
Lab File: BM036617.D
Acq: 21 Sep 2022 10:03

Tgt Ion:165 Resp: 335364
Ion Ratio Lower Upper
165 100
89 61.6 52.8 79.2
121 22.6 19.4 29.0





#50

Acenaphthylene

Concen: 20.632 ng/ul

RT: 14.369 min Scan# 1918

Delta R.T. 0.000 min

Lab File: BM036617.D

Acq: 21 Sep 2022 10:03

Instrument :

BNA_M

ClientSampleId :

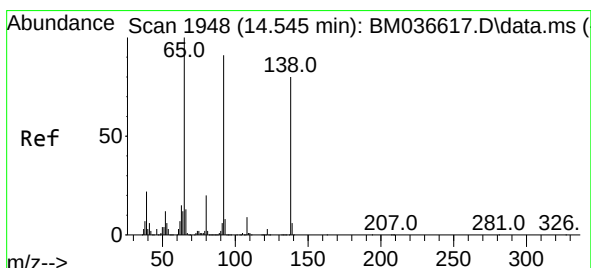
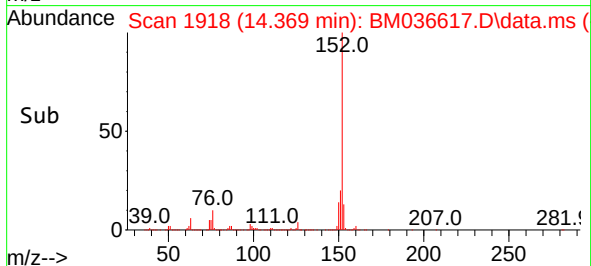
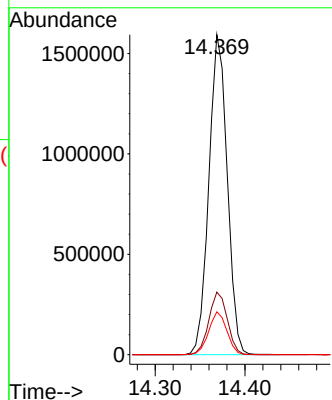
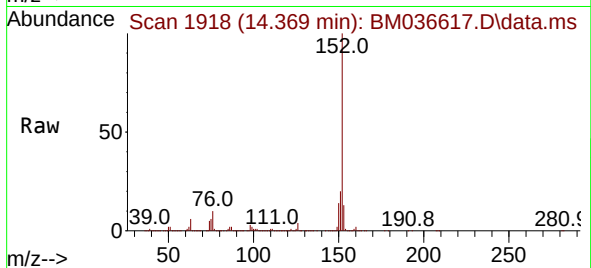
Tgt Ion:152 Resp: 2267015

Ion Ratio Lower Upper

152 100

151 19.6 15.7 23.5

153 13.4 10.5 15.7



#51

3-Nitroaniline

Concen: 23.420 ng/ul

RT: 14.545 min Scan# 1948

Delta R.T. 0.000 min

Lab File: BM036617.D

Acq: 21 Sep 2022 10:03

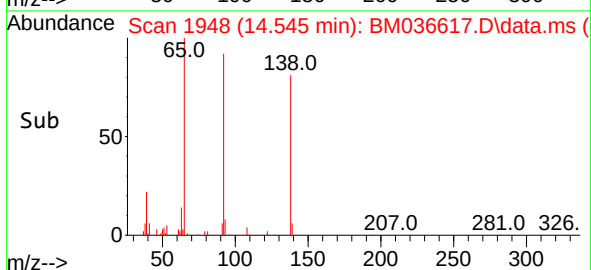
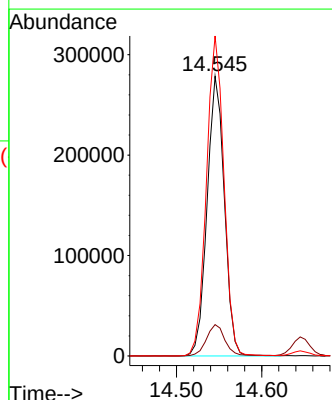
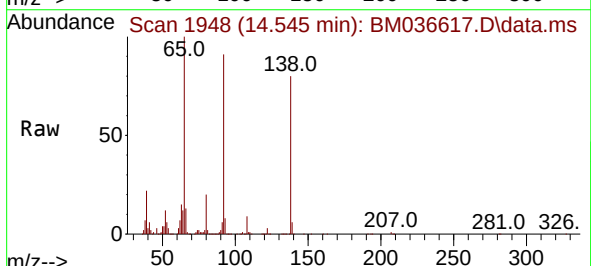
Tgt Ion:138 Resp: 392492

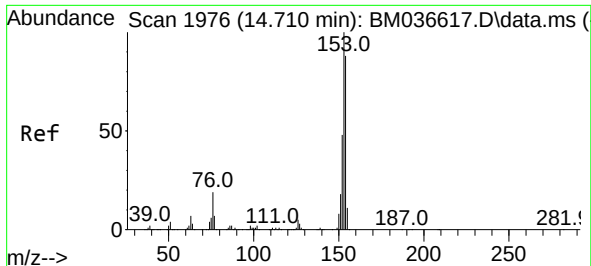
Ion Ratio Lower Upper

138 100

108 11.2 12.5 18.7#

92 114.4 95.4 143.2

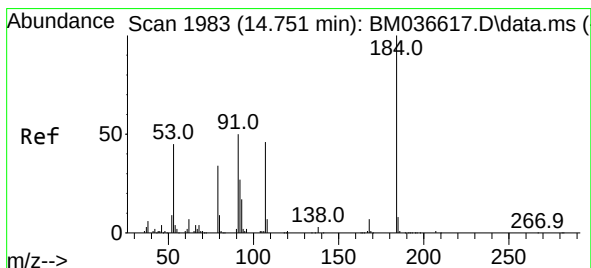
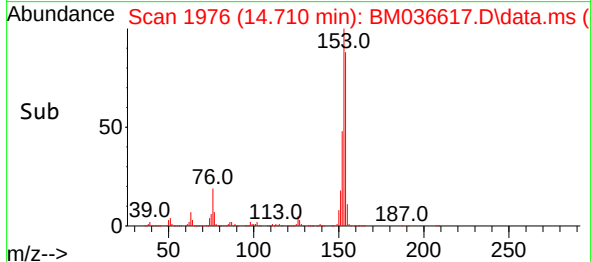
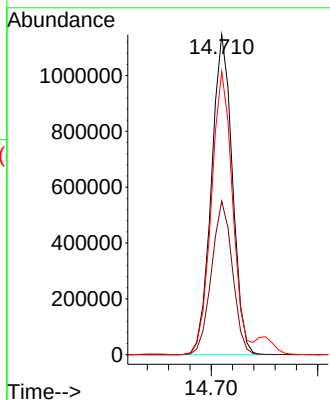
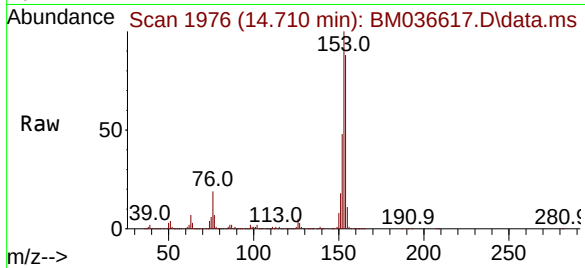




#52
Acenaphthene
Concen: 20.376 ng/ul
RT: 14.710 min Scan# 1976
Delta R.T. 0.000 min
Lab File: BM036617.D
Acq: 21 Sep 2022 10:03

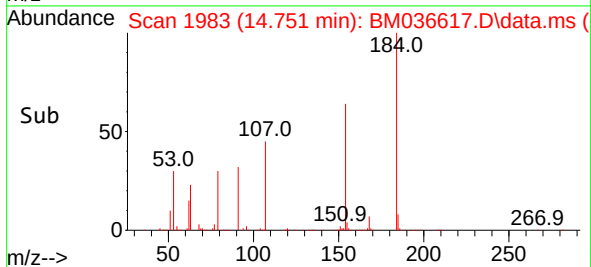
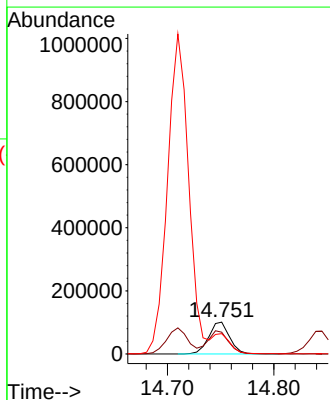
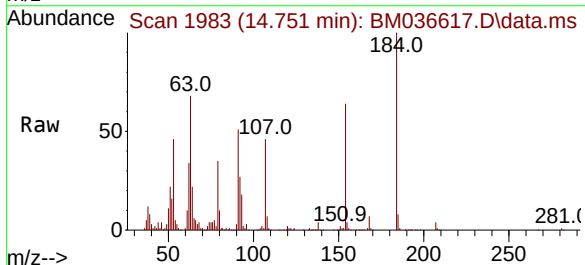
Instrument :
BNA_M
ClientSampleId :

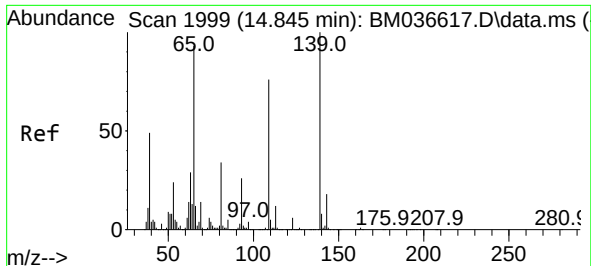
Tgt Ion:153 Resp: 1566541
Ion Ratio Lower Upper
153 100
152 48.0 38.2 57.2
154 88.5 71.0 106.6



#53
2,4-Dinitrophenol
Concen: 22.110 ng/ul
RT: 14.751 min Scan# 1983
Delta R.T. 0.000 min
Lab File: BM036617.D
Acq: 21 Sep 2022 10:03

Tgt Ion:184 Resp: 137086
Ion Ratio Lower Upper
184 100
63 68.4 58.8 88.2
154 63.9 55.0 82.4

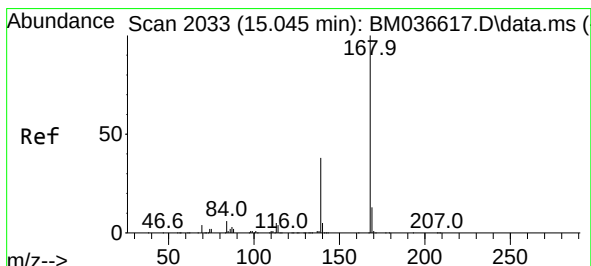
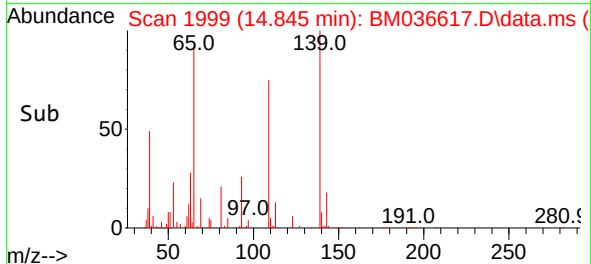
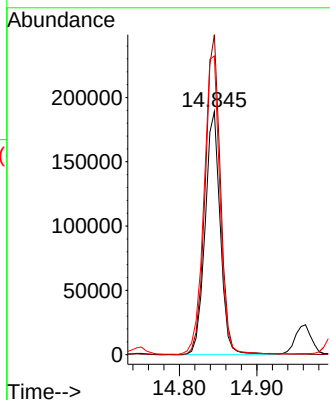
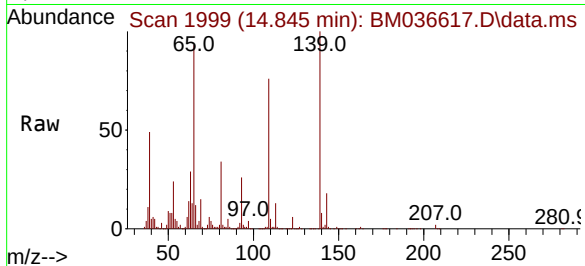




#55
4-Nitrophenol
Concen: 19.136 ng/ul
RT: 14.845 min Scan# 1999
Delta R.T. 0.000 min
Lab File: BM036617.D
Acq: 21 Sep 2022 10:03

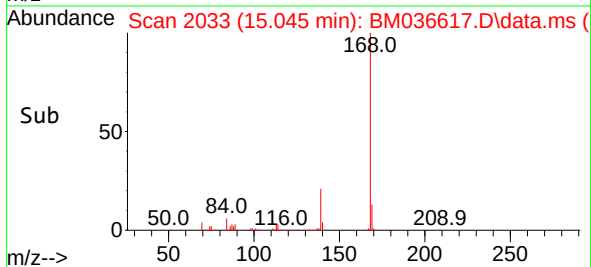
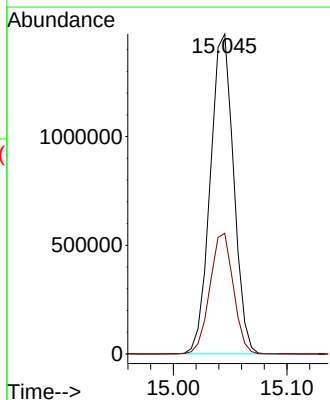
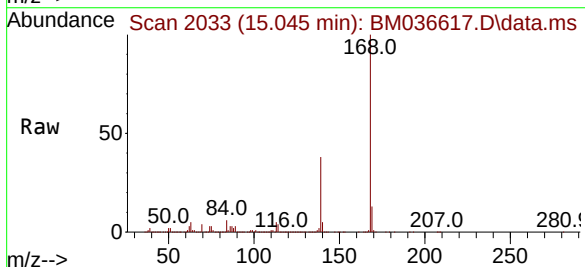
Instrument :
BNA_M
ClientSampleId :

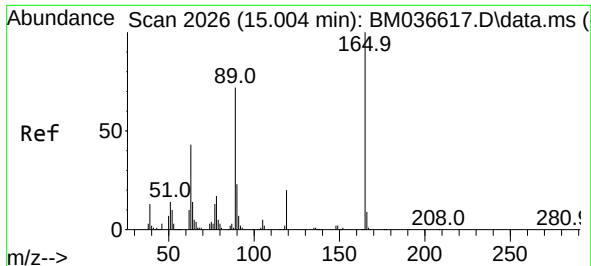
Tgt Ion:109 Resp: 257073
Ion Ratio Lower Upper
109 100
139 131.7 102.2 153.4
65 122.9 105.7 158.5



#56
Dibenzofuran
Concen: 20.400 ng/ul
RT: 15.045 min Scan# 2033
Delta R.T. 0.000 min
Lab File: BM036617.D
Acq: 21 Sep 2022 10:03

Tgt Ion:168 Resp: 2106274
Ion Ratio Lower Upper
168 100
139 37.7 29.7 44.5

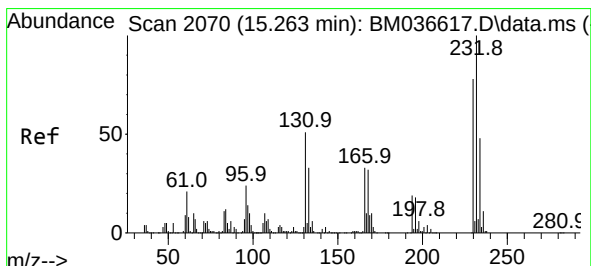
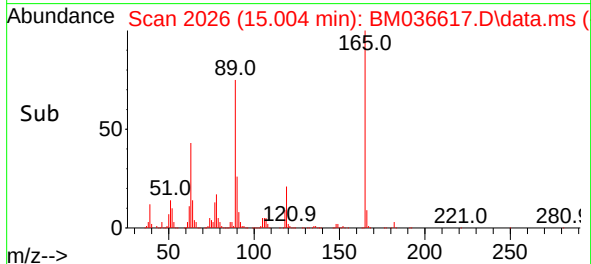
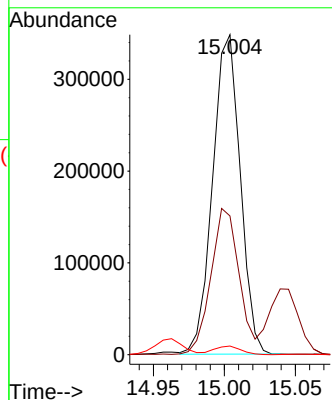
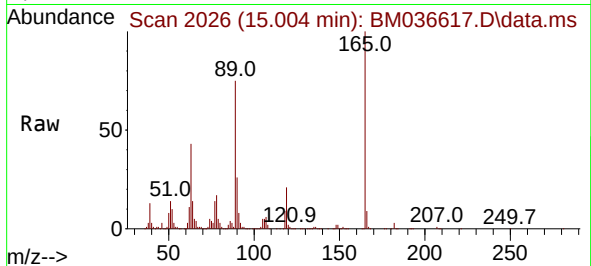




#57
2,4-Dinitrotoluene
Concen: 23.181 ng/ul
RT: 15.004 min Scan# 2026
Delta R.T. 0.000 min
Lab File: BM036617.D
Acq: 21 Sep 2022 10:03

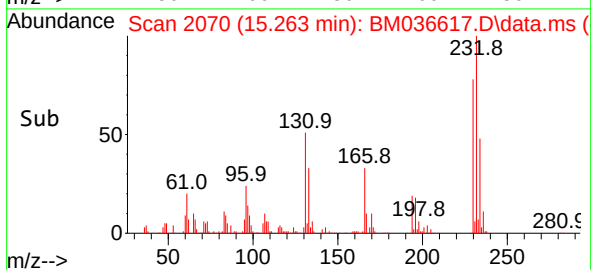
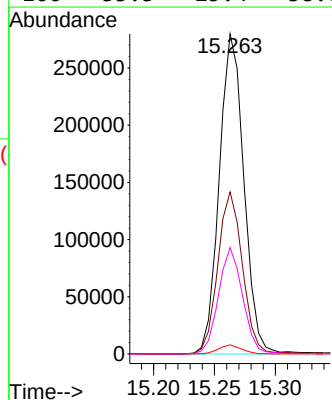
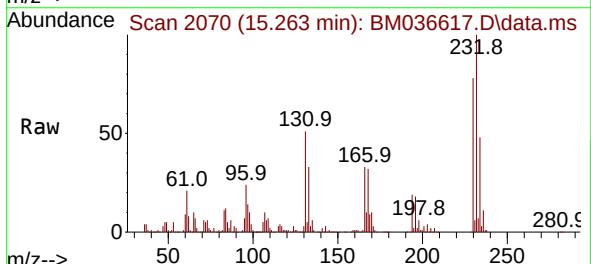
Instrument :
BNA_M
ClientSampleId :

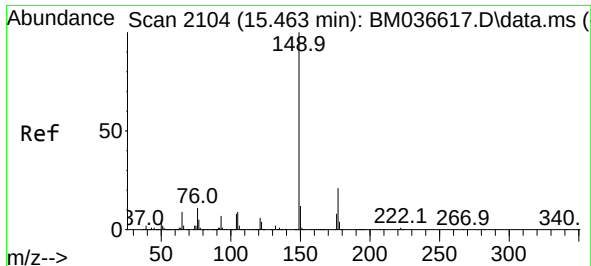
Tgt Ion:165 Resp: 470899
Ion Ratio Lower Upper
165 100
63 43.3 39.7 59.5
182 2.7 2.1 3.1



#58
2,3,4,6-Tetrachlorophenol
Concen: 21.031 ng/ul
RT: 15.263 min Scan# 2070
Delta R.T. 0.000 min
Lab File: BM036617.D
Acq: 21 Sep 2022 10:03

Tgt Ion:232 Resp: 392958
Ion Ratio Lower Upper
232 100
131 50.6 39.1 58.7
130 2.8 1.8 2.6#
166 33.3 25.4 38.0

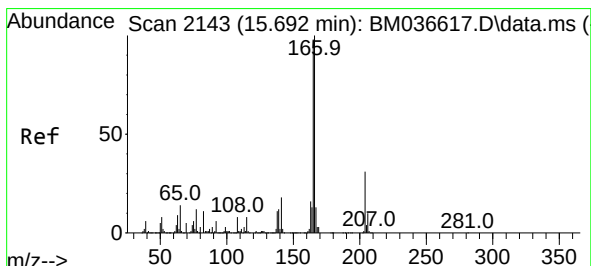
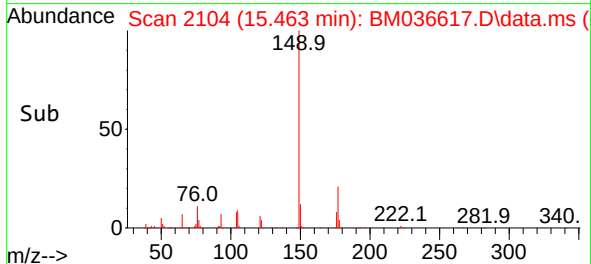
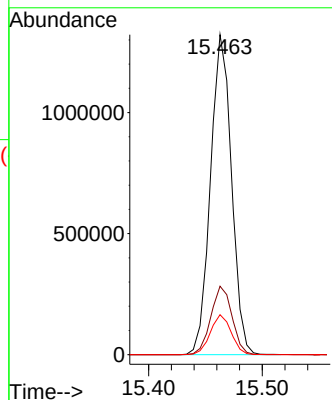
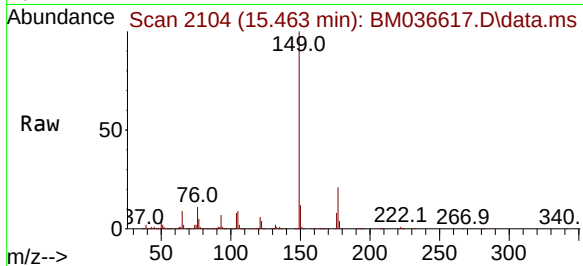




#59
Diethylphthalate
Concen: 19.746 ng/ul
RT: 15.463 min Scan# 2104
Delta R.T. 0.000 min
Lab File: BM036617.D
Acq: 21 Sep 2022 10:03

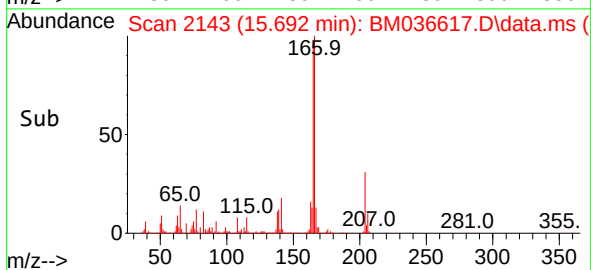
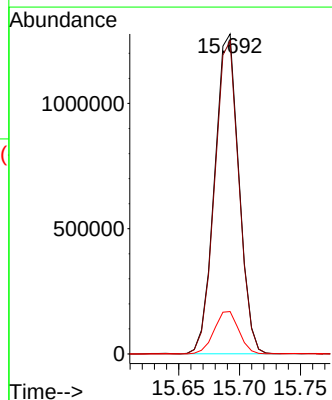
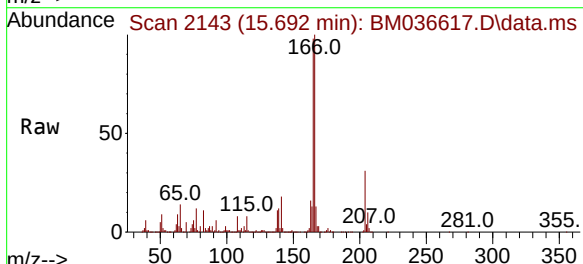
Instrument :
BNA_M
ClientSampleId :

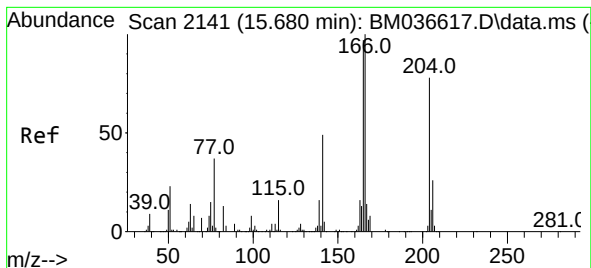
Tgt Ion:149 Resp: 1698921
Ion Ratio Lower Upper
149 100
177 21.4 17.3 25.9
150 12.5 10.1 15.1



#61
Fluorene
Concen: 20.221 ng/ul
RT: 15.692 min Scan# 2143
Delta R.T. 0.000 min
Lab File: BM036617.D
Acq: 21 Sep 2022 10:03

Tgt Ion:166 Resp: 1778219
Ion Ratio Lower Upper
166 100
165 97.8 78.5 117.7
167 13.3 10.4 15.6

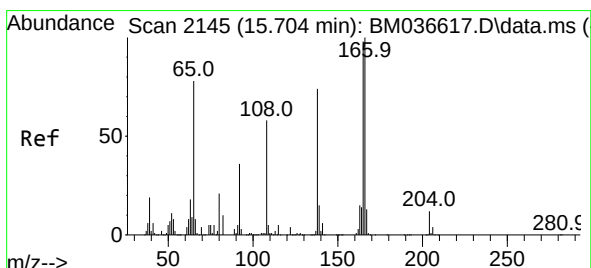
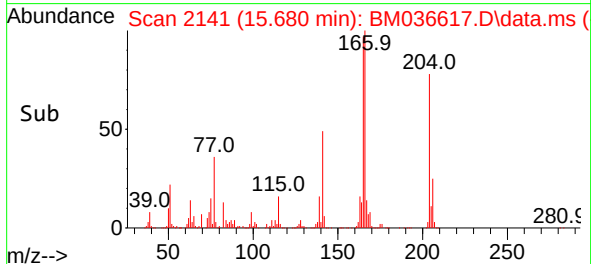
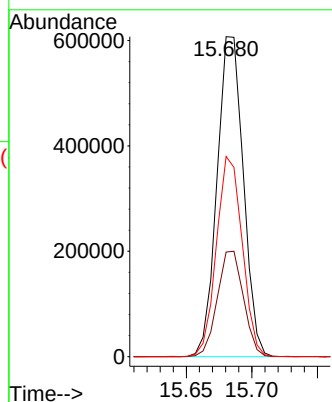
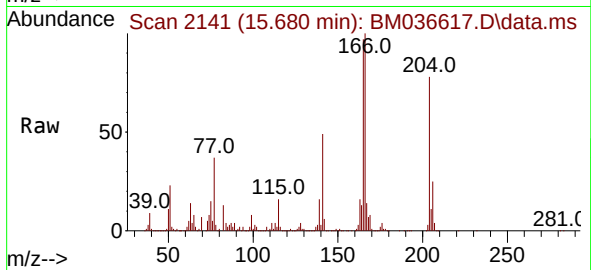




#62
4-Chlorophenyl-phenylether
Concen: 20.180 ng/ul
RT: 15.680 min Scan# 2141
Delta R.T. 0.000 min
Lab File: BM036617.D
Acq: 21 Sep 2022 10:03

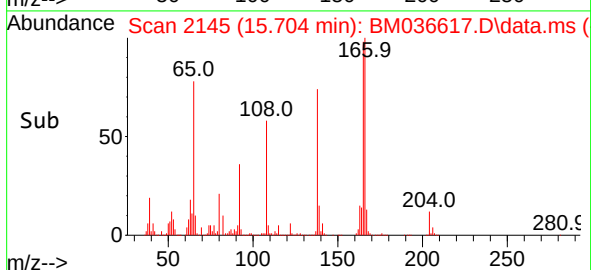
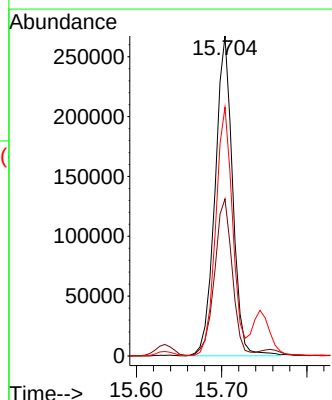
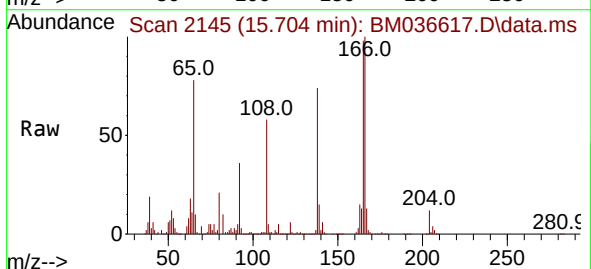
Instrument :
BNA_M
ClientSampleId :

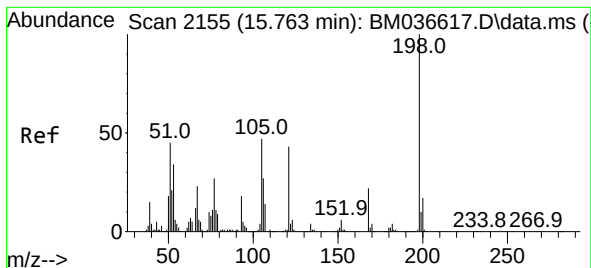
Tgt Ion:204 Resp: 848684
Ion Ratio Lower Upper
204 100
206 32.7 25.7 38.5
141 62.6 49.4 74.0



#63
4-Nitroaniline
Concen: 23.565 ng/ul
RT: 15.704 min Scan# 2145
Delta R.T. 0.000 min
Lab File: BM036617.D
Acq: 21 Sep 2022 10:03

Tgt Ion:138 Resp: 383707
Ion Ratio Lower Upper
138 100
92 49.1 42.1 63.1
108 77.7 66.2 99.2

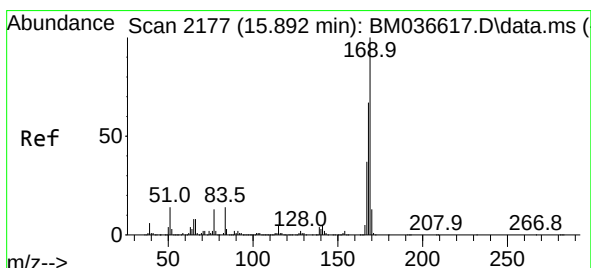
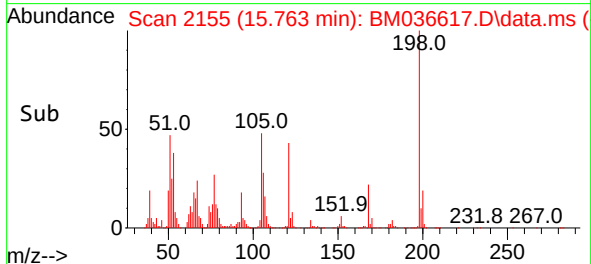
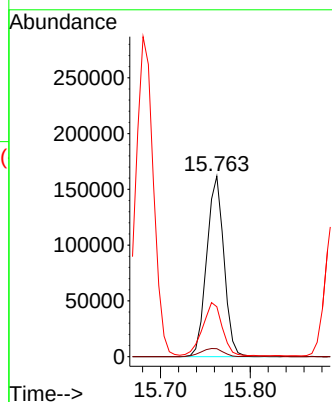
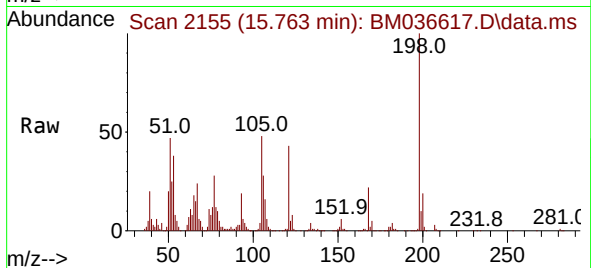




#66
 4,6-Dinitro-2-methylphenol
 Concen: 20.790 ng/ul
 RT: 15.763 min Scan# 2155
 Delta R.T. 0.000 min
 Lab File: BM036617.D
 Acq: 21 Sep 2022 10:03

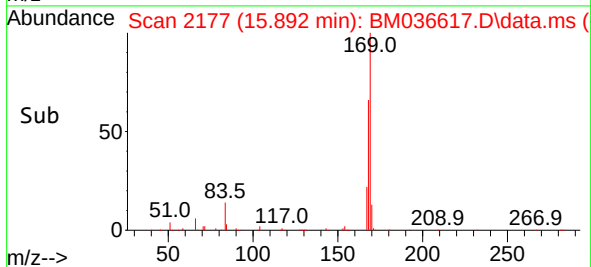
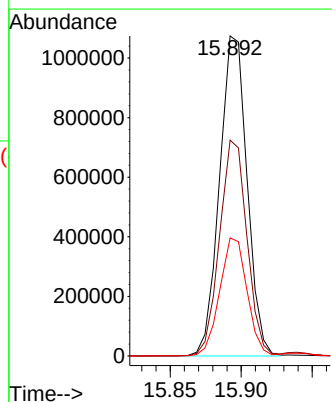
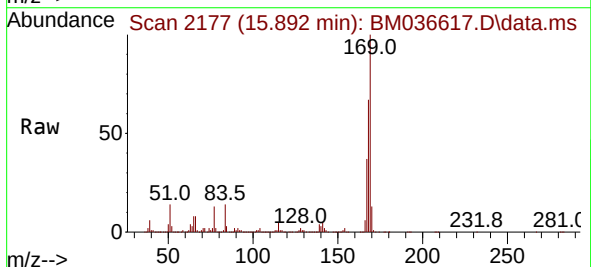
Instrument :
 BNA_M
 ClientSampleId :

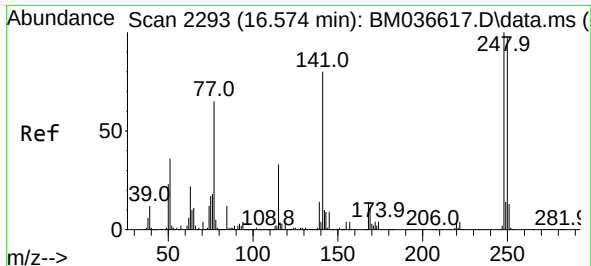
Tgt Ion:198 Resp: 215955
 Ion Ratio Lower Upper
 198 100
 182 4.5 4.2 6.2
 77 27.7 24.0 36.0



#67
 N-Nitrosodiphenylamine
 Concen: 21.136 ng/ul
 RT: 15.892 min Scan# 2177
 Delta R.T. 0.000 min
 Lab File: BM036617.D
 Acq: 21 Sep 2022 10:03

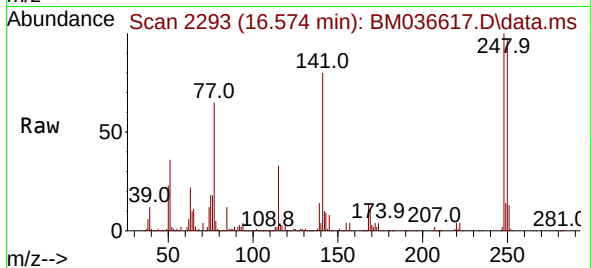
Tgt Ion:169 Resp: 1448376
 Ion Ratio Lower Upper
 169 100
 168 67.5 54.6 81.8
 167 36.9 29.6 44.4



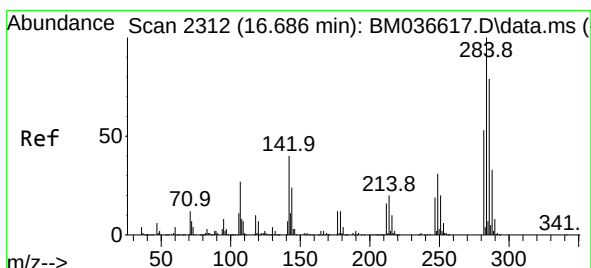
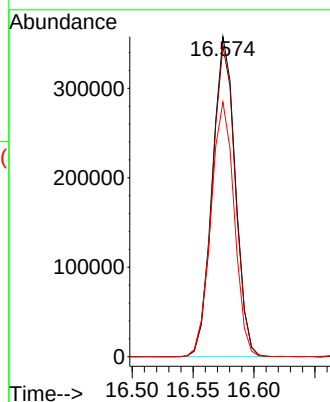
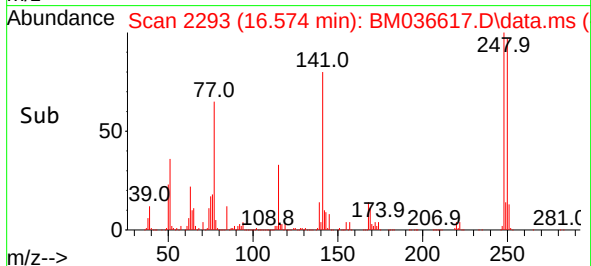


#68
4-Bromophenyl-phenylether
Concen: 20.444 ng/ul
RT: 16.574 min Scan# 2293
Delta R.T. 0.000 min
Lab File: BM036617.D
Acq: 21 Sep 2022 10:03

Instrument :
BNA_M
ClientSampleId :

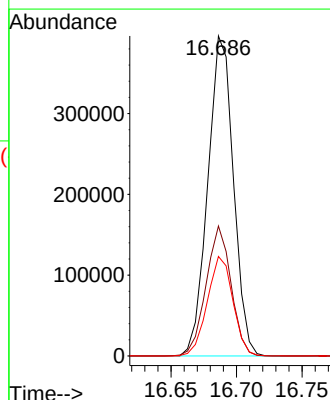
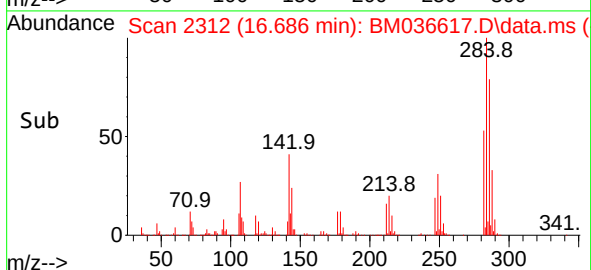
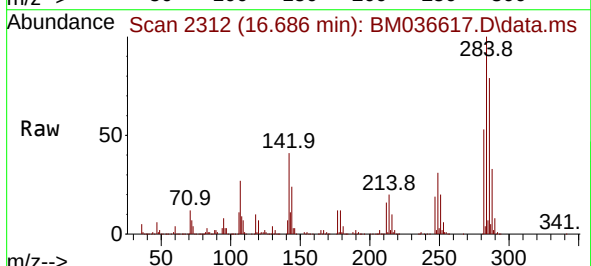


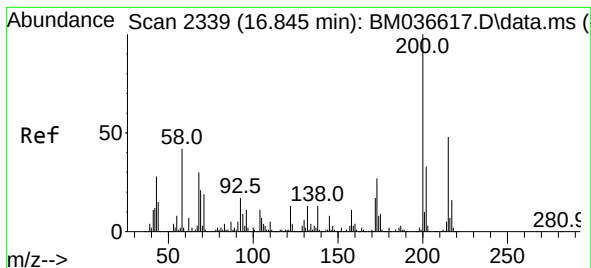
Tgt Ion:248 Resp: 468827
Ion Ratio Lower Upper
248 100
250 97.1 78.9 118.3
141 79.6 65.7 98.5



#69
Hexachlorobenzene
Concen: 19.834 ng/ul
RT: 16.686 min Scan# 2312
Delta R.T. 0.000 min
Lab File: BM036617.D
Acq: 21 Sep 2022 10:03

Tgt Ion:284 Resp: 537978
Ion Ratio Lower Upper
284 100
142 40.6 30.8 46.2
249 31.1 24.2 36.2





#70

Atrazine

Concen: 18.921 ng/ul

RT: 16.845 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM036617.D

Acq: 21 Sep 2022 10:03

Instrument :

BNA_M

ClientSampleId :

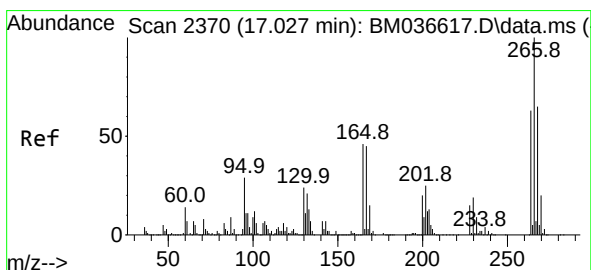
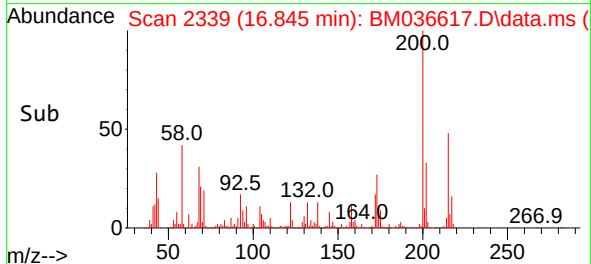
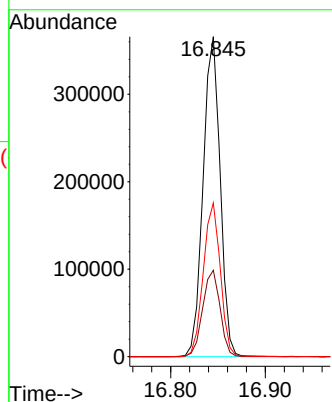
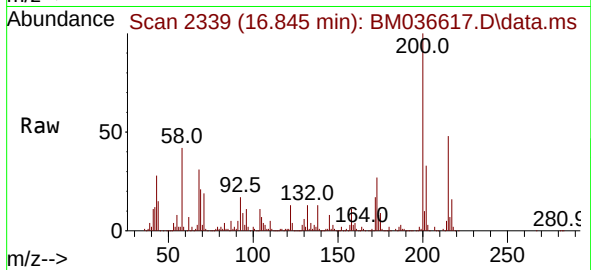
Tgt Ion:200 Resp: 457543

Ion Ratio Lower Upper

200 100

173 27.0 21.8 32.6

215 48.0 39.4 59.2



#71

Pentachlorophenol

Concen: 18.288 ng/ul

RT: 17.027 min Scan# 2370

Delta R.T. 0.000 min

Lab File: BM036617.D

Acq: 21 Sep 2022 10:03

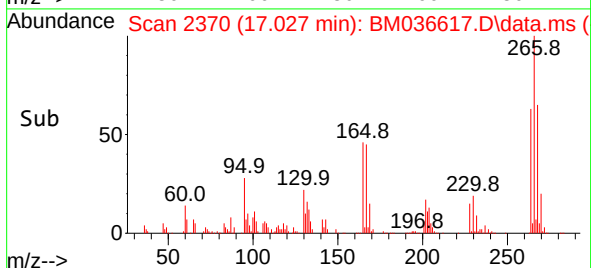
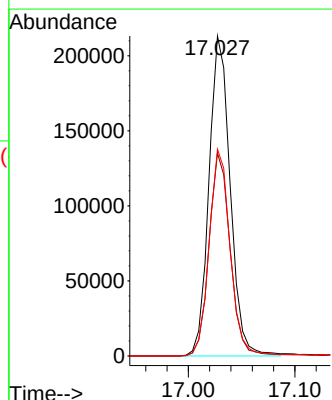
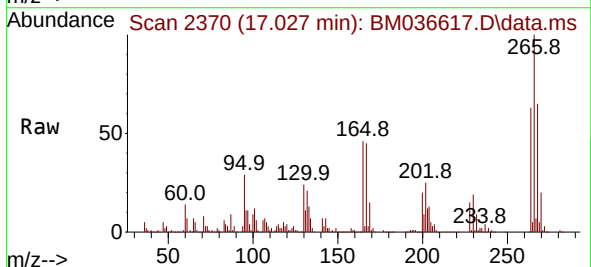
Tgt Ion:266 Resp: 294653

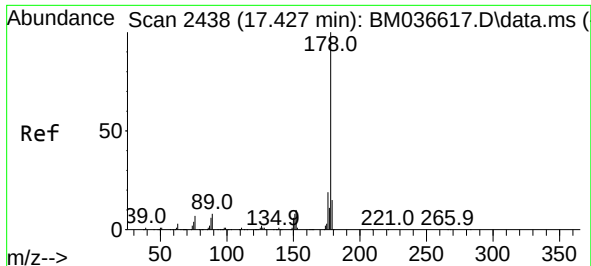
Ion Ratio Lower Upper

266 100

264 63.4 49.7 74.5

268 64.7 51.8 77.6

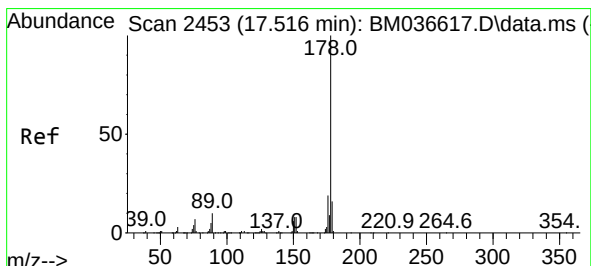
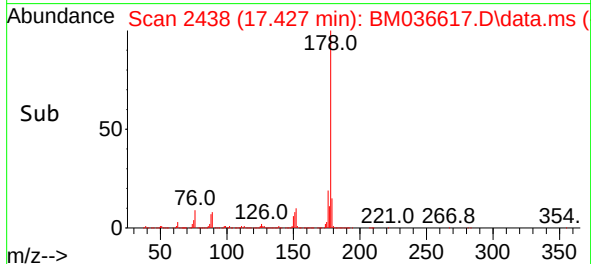
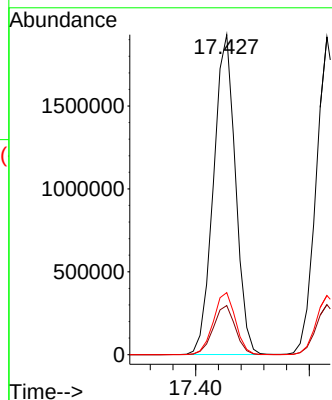
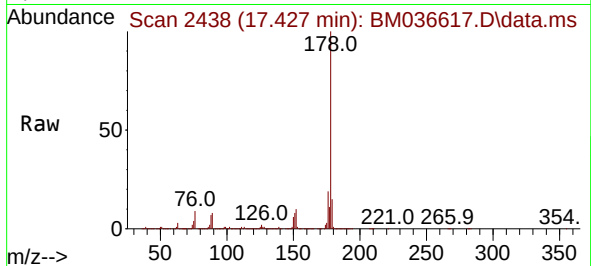




#72
Phenanthrene
Concen: 20.221 ng/ul
RT: 17.427 min Scan# 2438
Delta R.T. 0.000 min
Lab File: BM036617.D
Acq: 21 Sep 2022 10:03

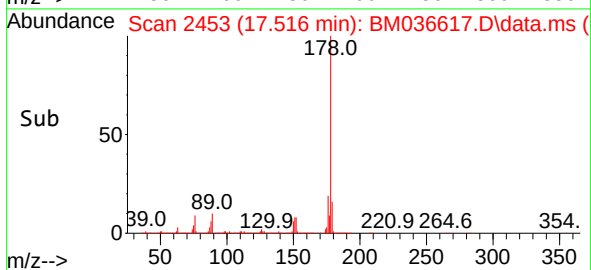
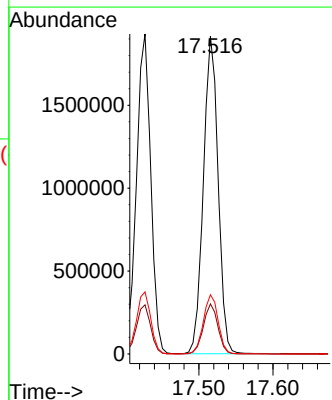
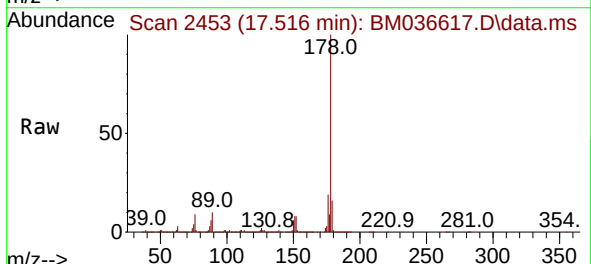
Instrument :
BNA_M
ClientSampleId :

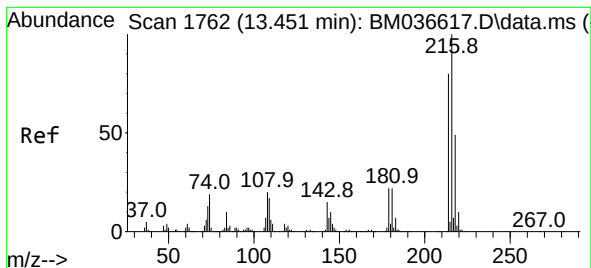
Tgt Ion:178 Resp: 2591353
Ion Ratio Lower Upper
178 100
179 15.3 12.2 18.2
176 19.4 15.7 23.5



#74
Anthracene
Concen: 20.340 ng/ul
RT: 17.516 min Scan# 2453
Delta R.T. 0.000 min
Lab File: BM036617.D
Acq: 21 Sep 2022 10:03

Tgt Ion:178 Resp: 2649485
Ion Ratio Lower Upper
178 100
179 15.8 12.3 18.5
176 18.6 15.0 22.6





#75

1,2,3,4-Tetrachlorobenzene

Concen: 21.794 ng/uL

RT: 13.451 min Scan# 1

Delta R.T. 0.000 min

Lab File: BM036617.D

Acq: 21 Sep 2022 10:03

Instrument :

BNA_M

ClientSampleId :

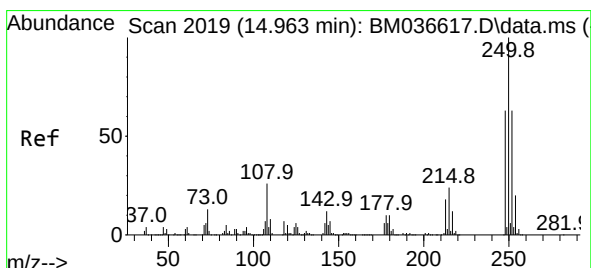
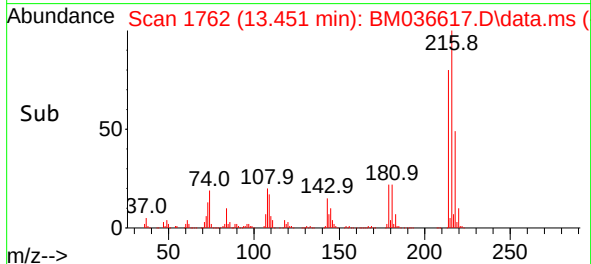
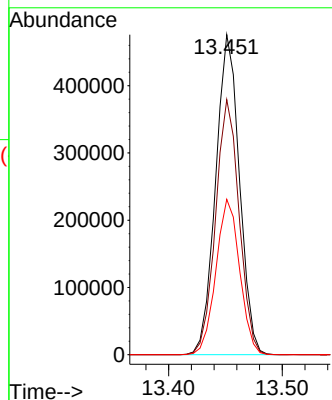
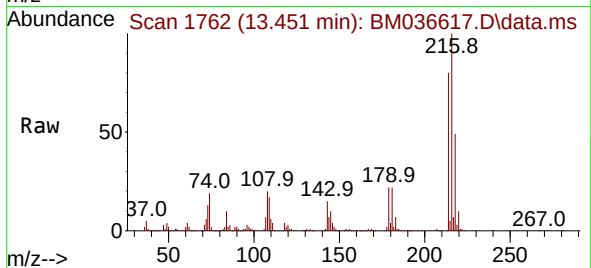
Tgt Ion:216 Resp: 693531

Ion Ratio Lower Upper

216 100

214 79.7 62.6 94.0

218 48.5 38.2 57.2



#76

Pentachlorobenzene

Concen: 21.228 ng/uL

RT: 14.963 min Scan# 2019

Delta R.T. 0.000 min

Lab File: BM036617.D

Acq: 21 Sep 2022 10:03

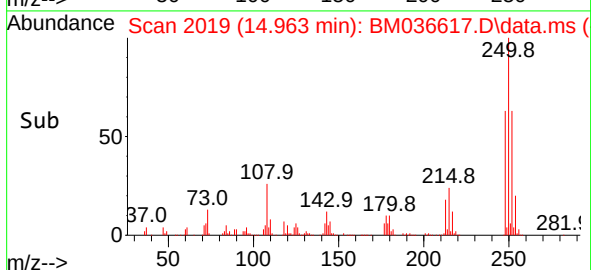
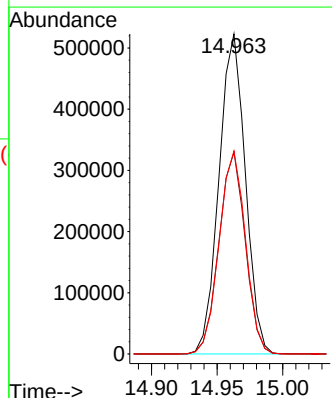
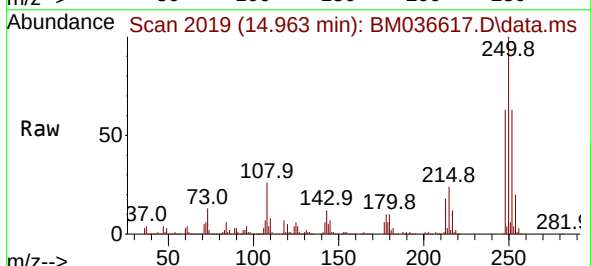
Tgt Ion:250 Resp: 730627

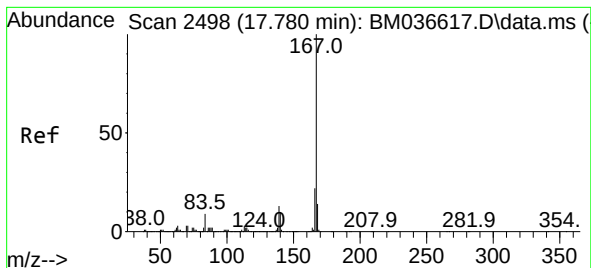
Ion Ratio Lower Upper

250 100

248 63.0 50.2 75.2

252 63.5 50.5 75.7





#77

Carbazole

Concen: 19.267 ng/ul

RT: 17.780 min Scan# 2498

Delta R.T. 0.000 min

Lab File: BM036617.D

Acq: 21 Sep 2022 10:03

Instrument :

BNA_M

ClientSampleId :

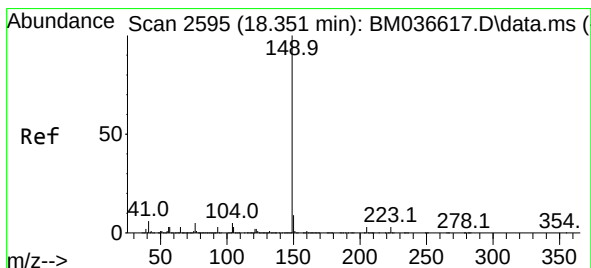
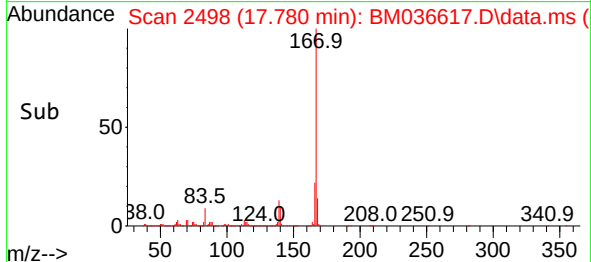
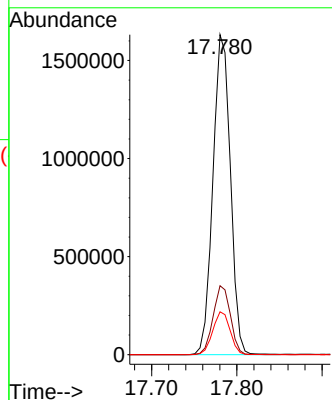
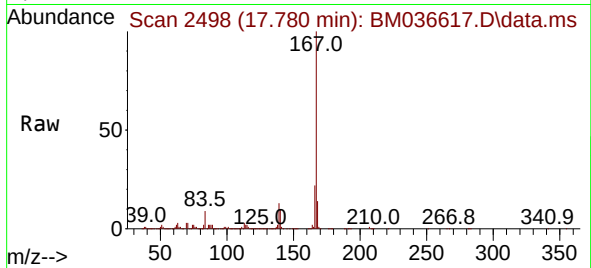
Tgt Ion:167 Resp: 2323633

Ion Ratio Lower Upper

167 100

166 21.5 17.2 25.8

139 13.4 10.6 15.8



#78

Di-n-butylphthalate

Concen: 20.208 ng/ul

RT: 18.351 min Scan# 2595

Delta R.T. 0.000 min

Lab File: BM036617.D

Acq: 21 Sep 2022 10:03

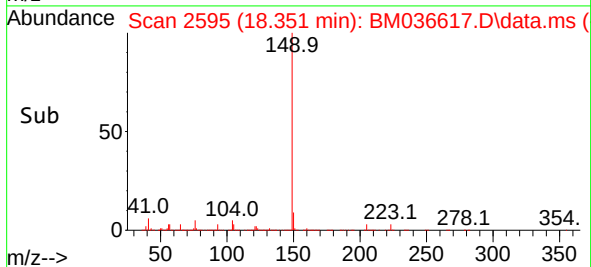
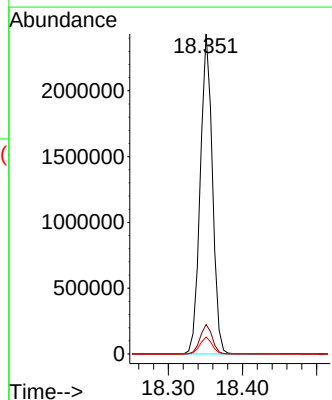
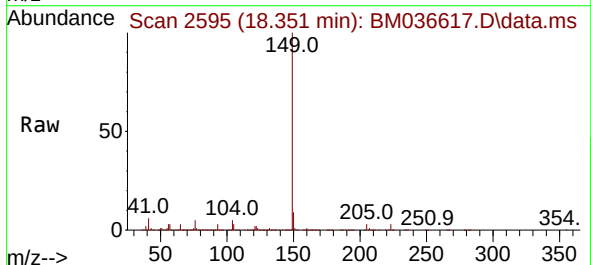
Tgt Ion:149 Resp: 2762241

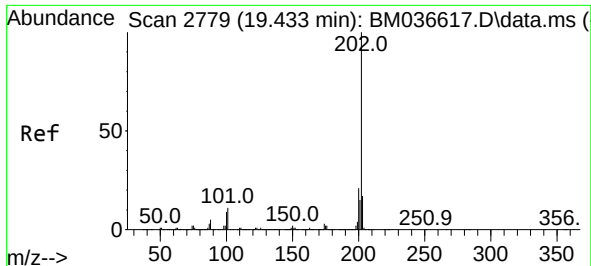
Ion Ratio Lower Upper

149 100

150 9.2 7.2 10.8

104 5.3 4.3 6.5

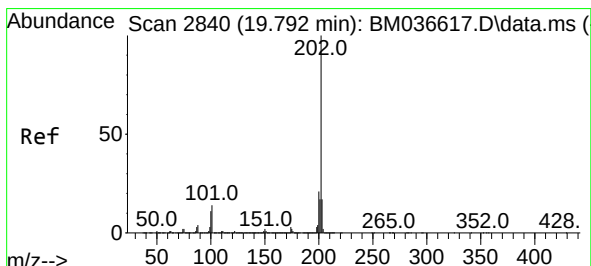
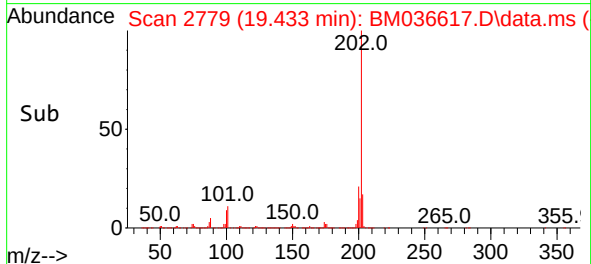
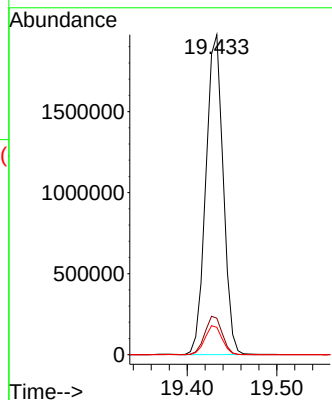
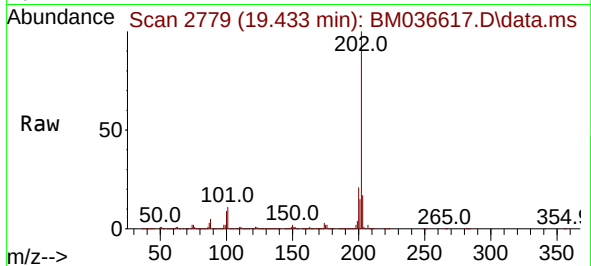




#80
Fluoranthene
Concen: 25.775 ng/ul
RT: 19.433 min Scan# 2779
Delta R.T. 0.000 min
Lab File: BM036617.D
Acq: 21 Sep 2022 10:03

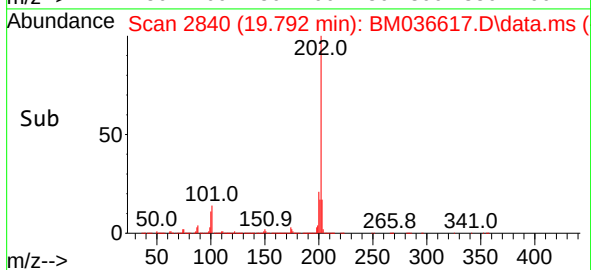
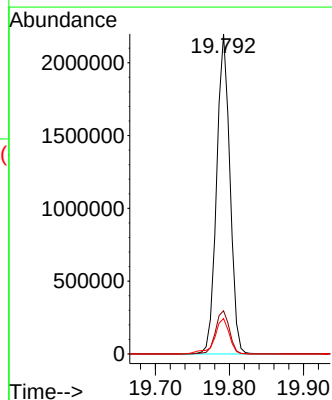
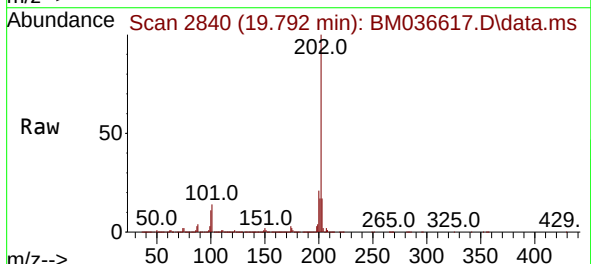
Instrument :
BNA_M
ClientSampleId :

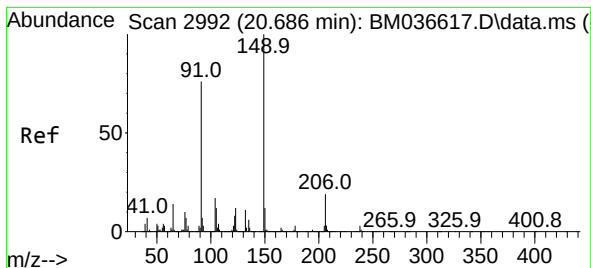
Tgt Ion:202 Resp: 2643272
Ion Ratio Lower Upper
202 100
101 11.4 9.8 14.6
100 8.5 7.4 11.2



#82
Pyrene
Concen: 25.180 ng/ul
RT: 19.792 min Scan# 2840
Delta R.T. 0.000 min
Lab File: BM036617.D
Acq: 21 Sep 2022 10:03

Tgt Ion:202 Resp: 2733393
Ion Ratio Lower Upper
202 100
101 13.5 10.9 16.3
100 11.1 8.7 13.1





#83

Butylbenzylphthalate

Concen: 25.097 ng/ul

RT: 20.686 min Scan# 2992

Delta R.T. 0.000 min

Lab File: BM036617.D

Acq: 21 Sep 2022 10:03

Instrument :

BNA_M

ClientSampleId :

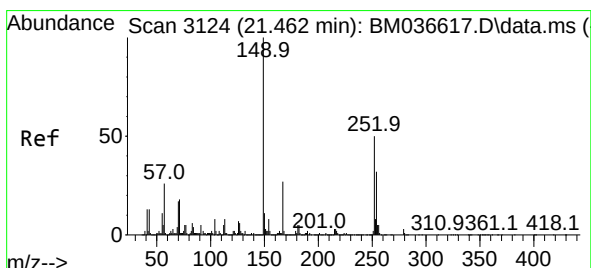
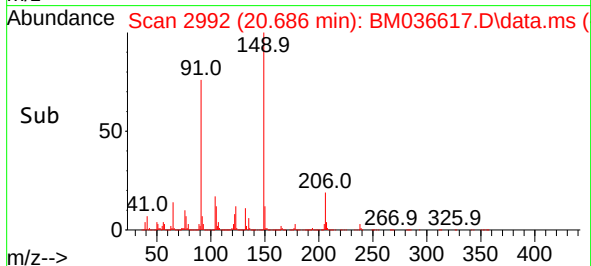
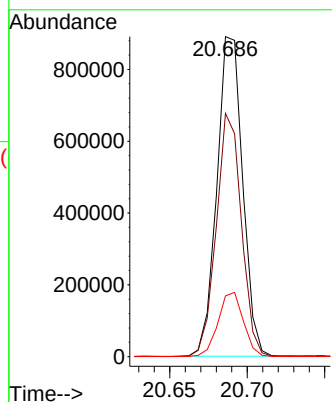
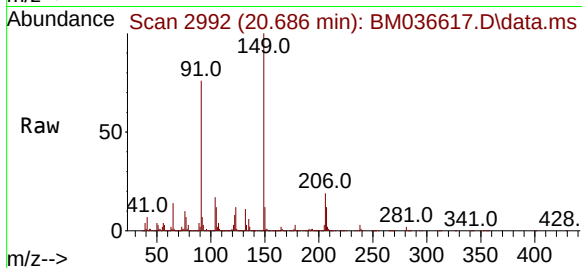
Tgt Ion:149 Resp: 1032334

Ion Ratio Lower Upper

149 100

91 76.1 55.2 82.8

206 19.0 16.2 24.2



#84

3,3'-Dichlorobenzidine

Concen: 21.179 ng/ul

RT: 21.462 min Scan# 3124

Delta R.T. 0.000 min

Lab File: BM036617.D

Acq: 21 Sep 2022 10:03

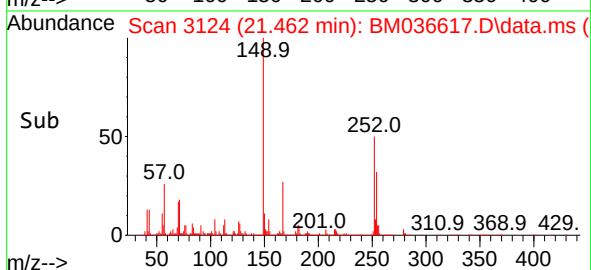
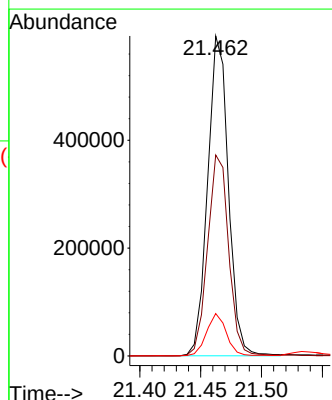
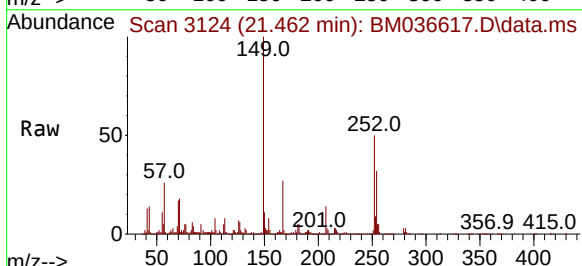
Tgt Ion:252 Resp: 703985

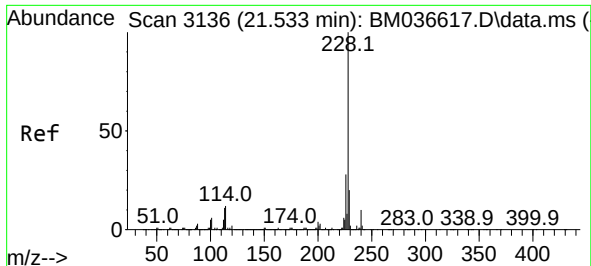
Ion Ratio Lower Upper

252 100

254 62.8 53.0 79.4

126 13.3 10.4 15.6

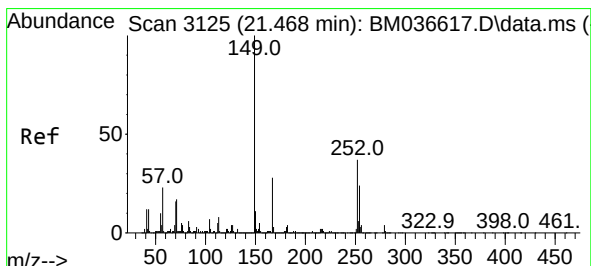
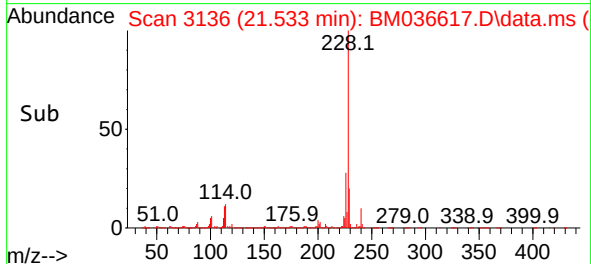
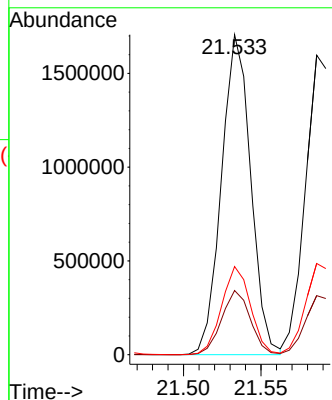
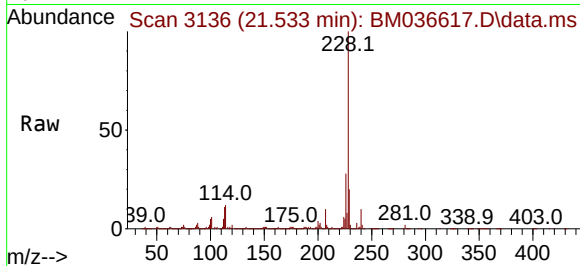




#85
Benzo(a)anthracene
Concen: 21.004 ng/ul
RT: 21.533 min Scan# 3136
Delta R.T. 0.000 min
Lab File: BM036617.D
Acq: 21 Sep 2022 10:03

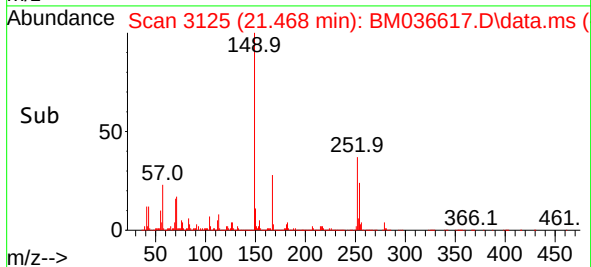
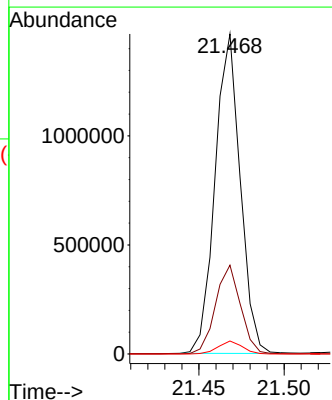
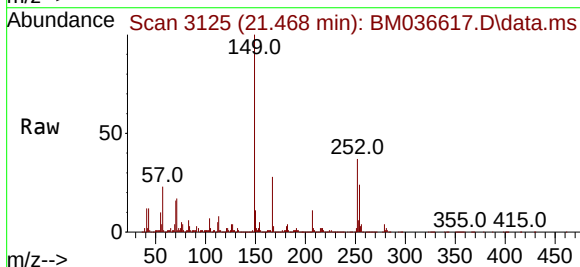
Instrument :
BNA_M
ClientSampleId :

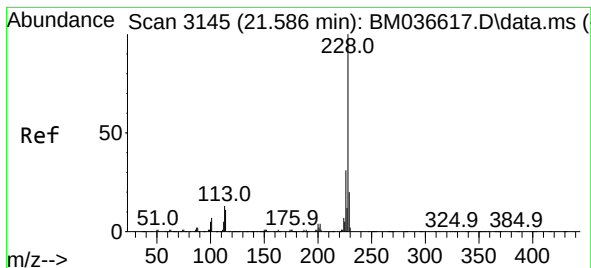
Tgt Ion:228 Resp: 2238725
Ion Ratio Lower Upper
228 100
229 20.0 15.8 23.8
226 27.5 21.9 32.9



#86
Bis(2-ethylhexyl)phthalate
Concen: 25.030 ng/ul
RT: 21.468 min Scan# 3125
Delta R.T. 0.000 min
Lab File: BM036617.D
Acq: 21 Sep 2022 10:03

Tgt Ion:149 Resp: 1503979
Ion Ratio Lower Upper
149 100
167 27.8 22.0 33.0
279 4.0 3.3 4.9





#87

Chrysene

Concen: 20.518 ng/ul

RT: 21.586 min Scan# 3145

Delta R.T. 0.000 min

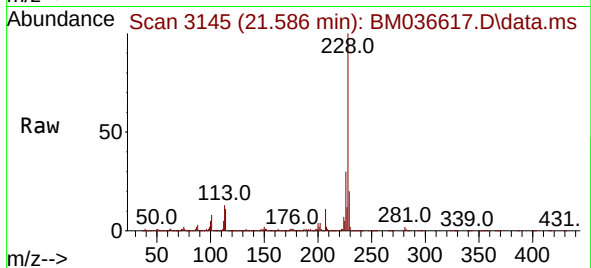
Lab File: BM036617.D

Acq: 21 Sep 2022 10:03

Instrument :

BNA_M

ClientSampleId :



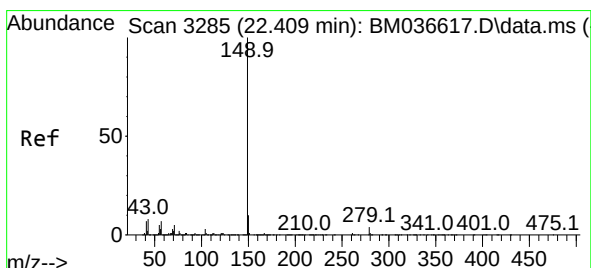
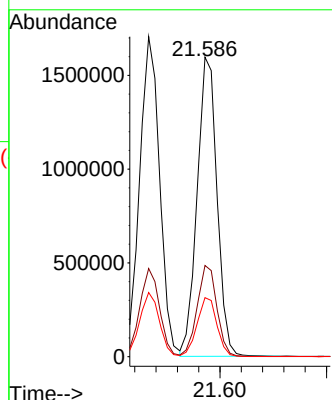
Tgt Ion:228 Resp: 2075816

Ion Ratio Lower Upper

228 100

226 30.5 24.4 36.6

229 19.7 15.6 23.4



#89

Di-n-octyl phthalate

Concen: 25.402 ng/ul

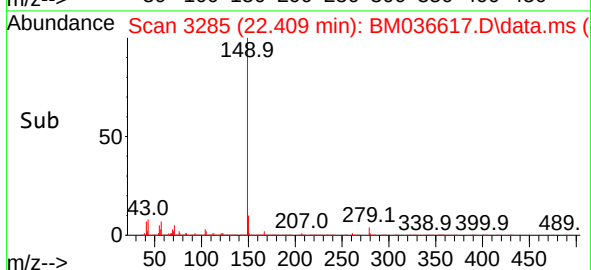
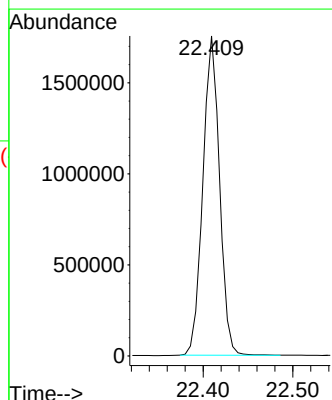
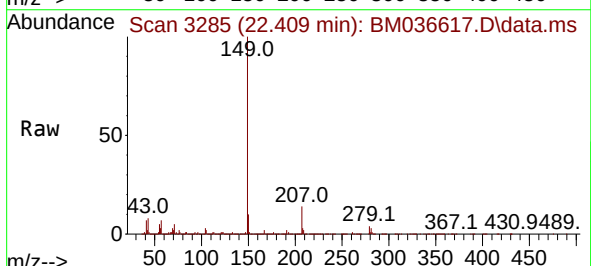
RT: 22.409 min Scan# 3285

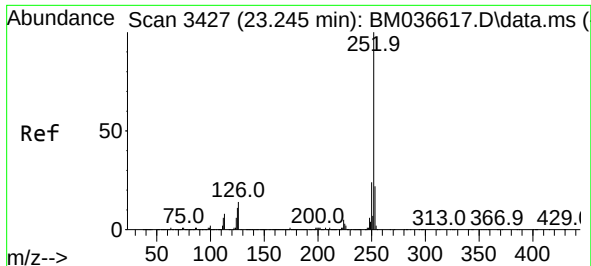
Delta R.T. 0.000 min

Lab File: BM036617.D

Acq: 21 Sep 2022 10:03

Tgt Ion:149 Resp: 2259871

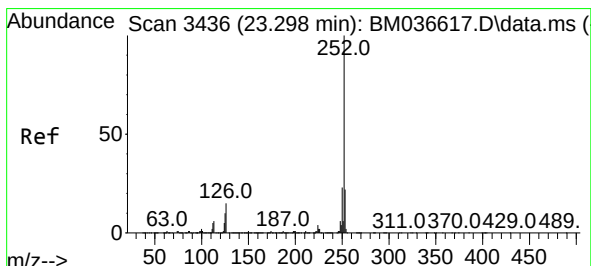
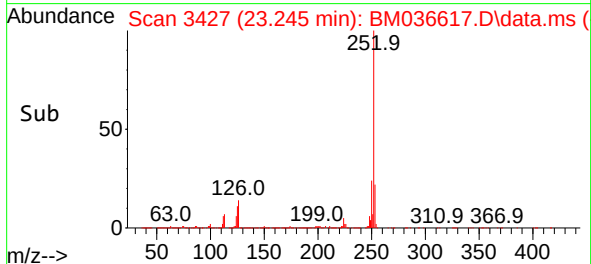
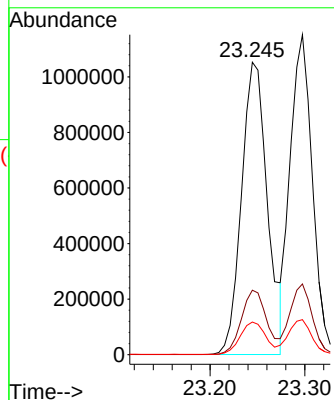
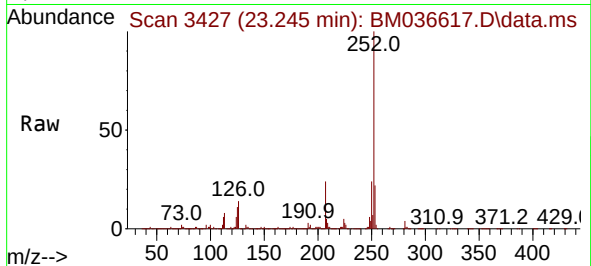




#90
Benzo(b)fluoranthene
Concen: 21.411 ng/ul
RT: 23.245 min Scan# 3427
Delta R.T. 0.000 min
Lab File: BM036617.D
Acq: 21 Sep 2022 10:03

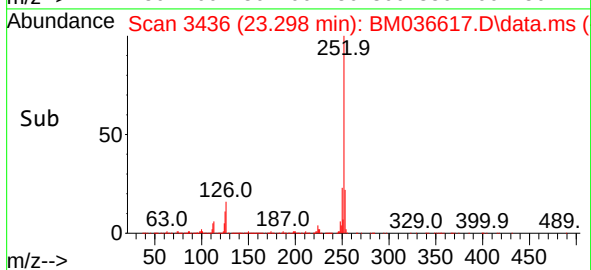
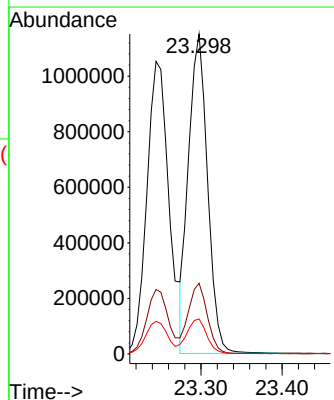
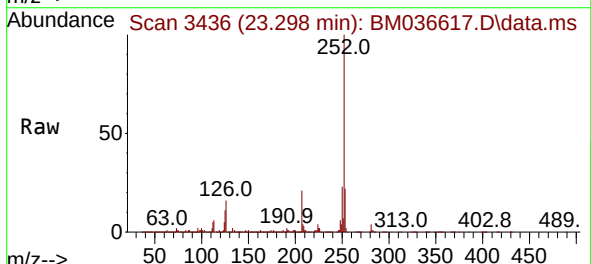
Instrument :
BNA_M
ClientSampleId :

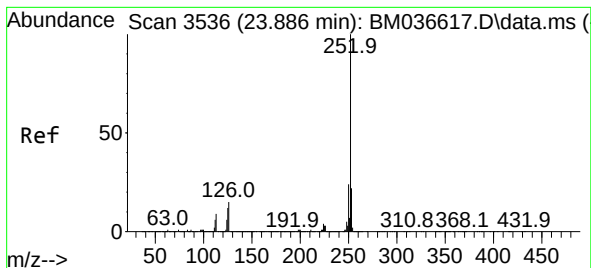
Tgt Ion:252 Resp: 2003591
Ion Ratio Lower Upper
252 100
253 22.1 17.6 26.4
125 11.2 9.1 13.7



#91
Benzo(k)fluoranthene
Concen: 20.084 ng/ul
RT: 23.298 min Scan# 3436
Delta R.T. 0.000 min
Lab File: BM036617.D
Acq: 21 Sep 2022 10:03

Tgt Ion:252 Resp: 1877925
Ion Ratio Lower Upper
252 100
253 22.1 17.8 26.8
125 10.9 8.2 12.4





#93

Benzo(a)pyrene

Concen: 20.578 ng/u1

RT: 23.886 min Scan# 3

Delta R.T. 0.000 min

Lab File: BM036617.D

Acq: 21 Sep 2022 10:03

Instrument :

BNA_M

ClientSampleId :

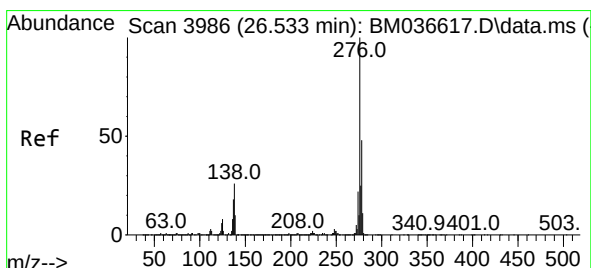
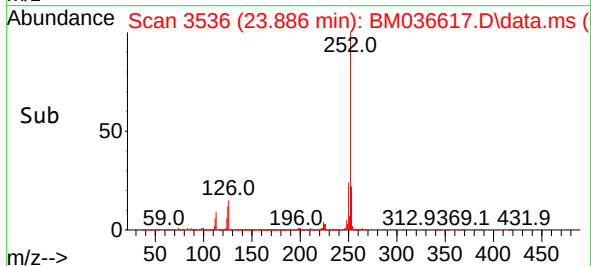
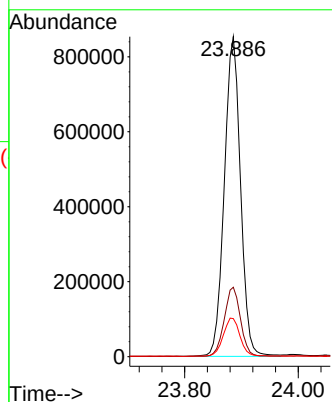
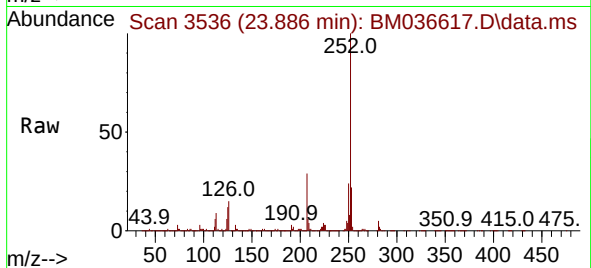
Tgt Ion:252 Resp: 1692804

Ion Ratio Lower Upper

252 100

253 21.7 17.5 26.3

125 11.9 9.5 14.3



#94

Indeno(1,2,3-cd)pyrene

Concen: 19.840 ng/u1

RT: 26.533 min Scan# 3986

Delta R.T. 0.000 min

Lab File: BM036617.D

Acq: 21 Sep 2022 10:03

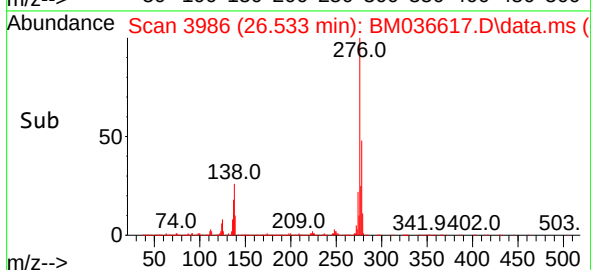
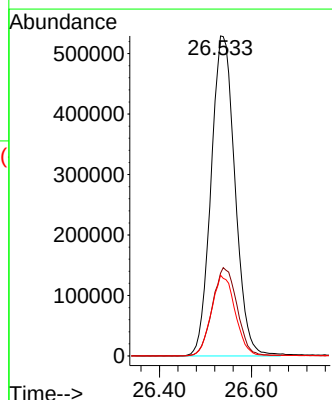
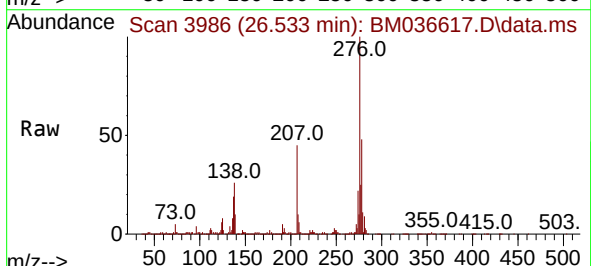
Tgt Ion:276 Resp: 1905998

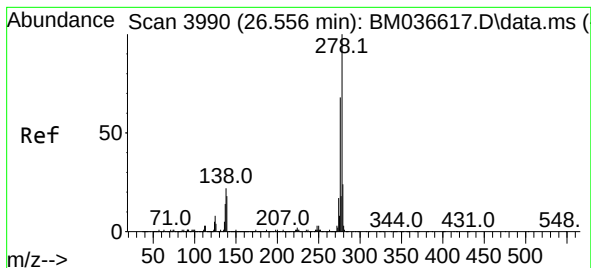
Ion Ratio Lower Upper

276 100

138 25.8 20.2 30.4

277 25.3 19.7 29.5





#95

Dibenzo(a,h)anthracene

Concen: 19.981 ng/ul

RT: 26.556 min Scan# 3990

Delta R.T. 0.000 min

Lab File: BM036617.D

Acq: 21 Sep 2022 10:03

Instrument :

BNA_M

ClientSampleId :

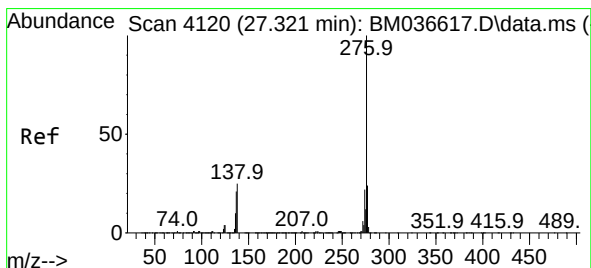
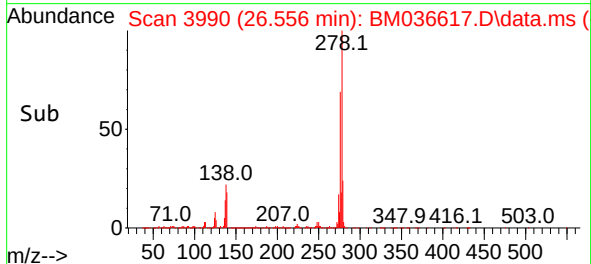
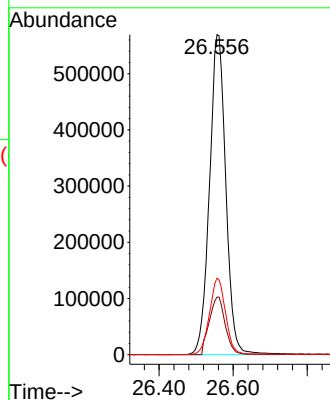
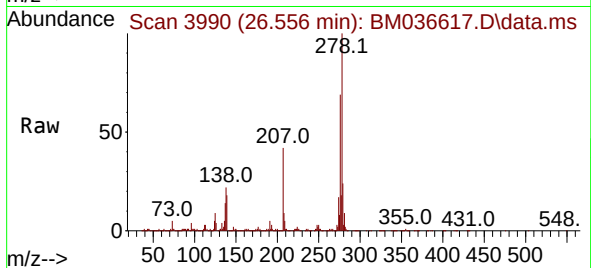
Tgt Ion:278 Resp: 1740789

Ion Ratio Lower Upper

278 100

139 18.0 14.5 21.7

279 23.9 19.7 29.5



#96

Benzo(g,h,i)perylene

Concen: 19.610 ng/ul

RT: 27.321 min Scan# 4120

Delta R.T. 0.000 min

Lab File: BM036617.D

Acq: 21 Sep 2022 10:03

Tgt Ion:276 Resp: 1633142

Ion Ratio Lower Upper

276 100

138 24.6 18.7 28.1

277 23.9 19.2 28.8

