

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091922\
 Data File : BM036578.D
 Acq On : 19 Sep 2022 13:53
 Operator : CG/JU
 Sample : PB147658BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Sep 19 22:30:36 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM091522.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Sep 16 02:39:54 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.028	152	325023	20.000	ng/u1	0.00
20) Naphthalene-d8	10.839	136	1489611	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.651	164	948965	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.386	188	1912712	20.000	ng/u1	0.00
79) Chrysene-d12	21.550	240	1850000	20.000	ng/u1	0.00
88) Perylene-d12	23.997	264	1684925	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.393	96	49368	5.694	ng/uL	0.00
4) Pyridine-d5	3.816	84	649274	25.677	ng/u1	0.00
7) Phenol-d5	7.175	99	989957	34.083	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.351	67	601387	34.094	ng/u1	0.00
11) 2-Chlorophenol-d4	7.551	132	743597	35.559	ng/u1	0.00
15) 4-Methylphenol-d8	8.734	113	779492	36.320	ng/u1	0.00
21) Nitrobenzene-d5	9.192	128	369694	36.667	ng/u1	0.00
24) 2-Nitrophenol-d4	9.916	143	355713	39.388	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.451	165	740355	35.374	ng/u1	0.00
31) 4-Chloroaniline-d4	10.975	131	1003587	28.841	ng/u1	0.00
46) Dimethylphthalate-d6	14.063	166	2268690	35.447	ng/u1	0.00
49) Acenaphthylene-d8	14.345	160	2624269	34.567	ng/u1	0.00
54) 4-Nitrophenol-d4	14.833	143	448655	36.142	ng/u1	0.00
60) Fluorene-d10	15.639	176	1977241	34.473	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.751	200	304721	40.267	ng/u1	0.00
73) Anthracene-d10	17.486	188	3095882	35.400	ng/u1	0.00
81) Pyrene-d10	19.768	212	3466751	38.091	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.839	264	3088097	37.514	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.428	88	103207	11.050	ng/uL	99
5) Pyridine	3.834	79	681166	26.813	ng/u1	98
6) Benzaldehyde	7.157	77	350046	24.887	ng/u1	95
8) Phenol	7.204	94	996979	31.981	ng/u1	100
10) Bis(2-Chloroethyl)ether	7.445	93	773220	31.879	ng/u1	98
12) 2-Chlorophenol	7.587	128	749301	33.125	ng/u1	98
13) 2-Methylphenol	8.463	108	750916	32.772	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.563	45	894244	31.107	ng/u1	99
16) Acetophenone	8.851	105	1228718	33.007	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.845	70	628897	35.012	ng/u1	96
18) 4-Methylphenol	8.798	108	831852	33.573	ng/u1	98
19) Hexachloroethane	9.116	117	296625	32.374	ng/u1	95
22) Nitrobenzene	9.234	77	874795	32.679	ng/u1	98
23) Isophorone	9.763	82	1745775	31.985	ng/u1	99
25) 2-Nitrophenol	9.951	139	393514	35.278	ng/u1	98
26) 2,4-Dimethylphenol	10.004	107	851866	30.964	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.251	93	1072018	32.952	ng/u1	99
29) 2,4-Dichlorophenol	10.481	162	724493	32.927	ng/u1	99
30) Naphthalene	10.892	128	2500730	30.817	ng/u1	100
32) 4-Chloroaniline	10.998	127	748187	20.826	ng/u1	99
33) Hexachlorobutadiene	11.181	225	414189	30.779	ng/u1	100
34) Caprolactam	11.763	113	112882	15.816	ng/u1	99
35) 4-Chloro-3-methylphenol	12.110	107	838375	34.518	ng/u1	99
36) 2-Methylnaphthalene	12.492	142	1715550	31.730	ng/u1	99

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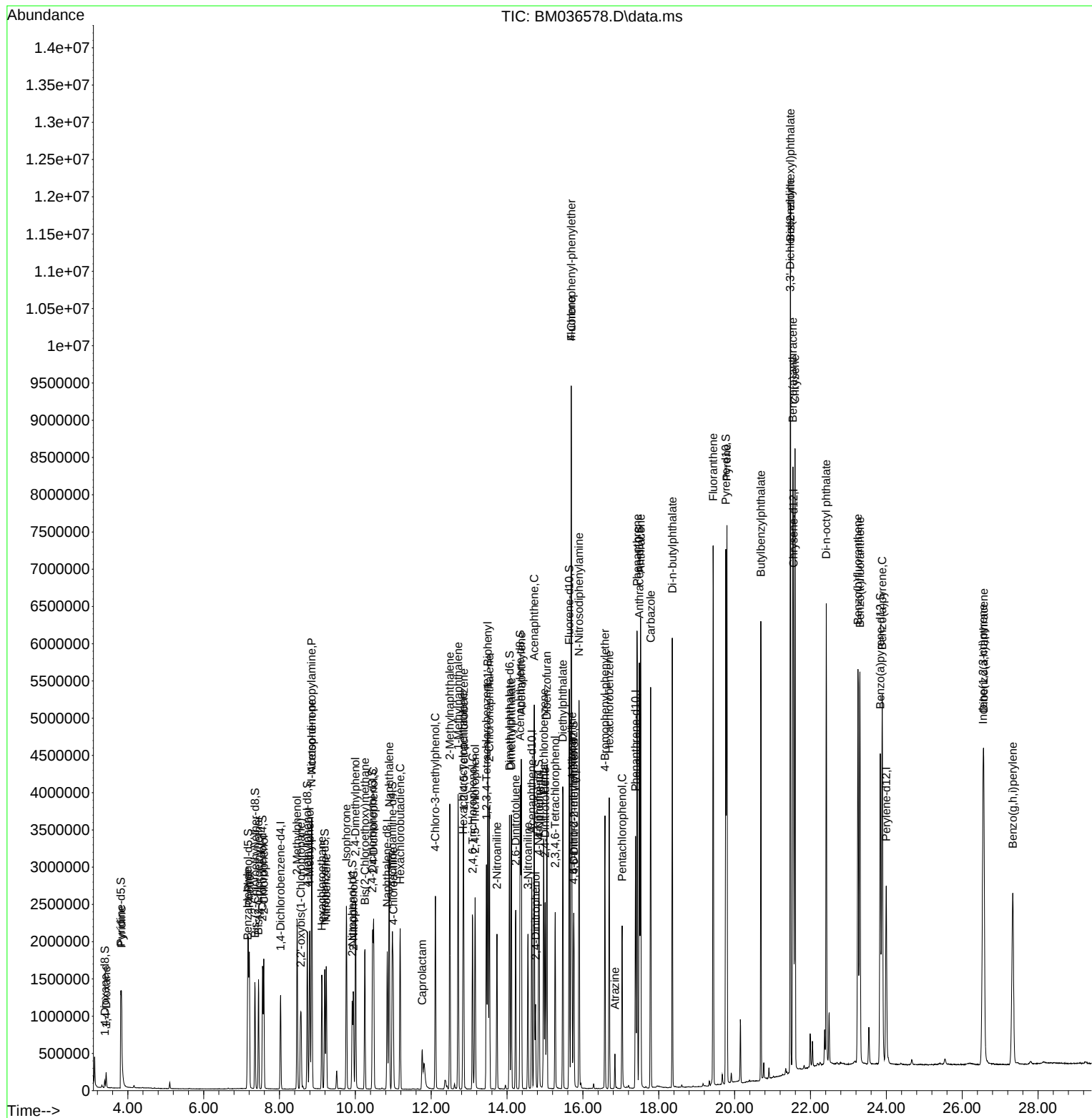
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 ClientSampleId :

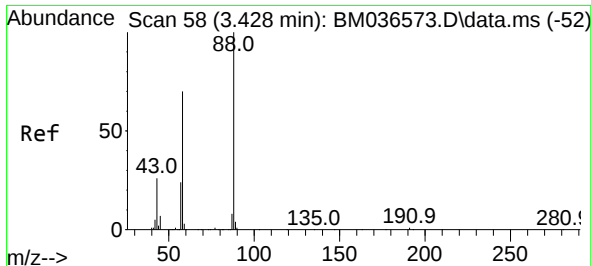
Quant Time: Sep 19 22:30:36 2022
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.710	142	1718114	31.610	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.857	216	835032	31.089	ng/ul	100
40) Hexachlorocyclopentadiene	12.839	237	428385	30.604	ng/ul	98
41) 2,4,6-Trichlorophenol	13.092	196	499140	30.351	ng/ul	99
42) 2,4,5-Trichlorophenol	13.157	196	573401	32.520	ng/ul	100
43) 1,1'-Biphenyl	13.492	154	2314128	33.081	ng/ul	99
44) 2-Chloronaphthalene	13.533	162	1718910	31.314	ng/ul	100
45) 2-Nitroaniline	13.733	65	515623	38.163	ng/ul	98
47) Dimethylphthalate	14.110	163	2227201	32.805	ng/ul	100
48) 2,6-Dinitrotoluene	14.227	165	424432	38.452	ng/ul	98
50) Acenaphthylene	14.374	152	2916650	33.603	ng/ul	100
51) 3-Nitroaniline	14.551	138	467248	35.295	ng/ul#	96
52) Acenaphthene	14.716	153	1892421	31.161	ng/ul	99
53) 2,4-Dinitrophenol	14.751	184	189309	38.652	ng/ul	96
55) 4-Nitrophenol	14.845	109	358495	33.783	ng/ul	97
56) Dibenzofuran	15.051	168	2669250	32.727	ng/ul	98
57) 2,4-Dinitrotoluene	15.004	165	623046	38.827	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.269	232	405894	27.500	ng/ul	98
59) Diethylphthalate	15.469	149	2271673	33.425	ng/ul	100
61) Fluorene	15.692	166	2247530	32.355	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.692	204	1075295	32.368	ng/ul	98
63) 4-Nitroaniline	15.710	138	515870	40.108	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.763	198	310057	36.308	ng/ul	97
67) N-Nitrosodiphenylamine	15.898	169	1876543	33.311	ng/ul	99
68) 4-Bromophenyl-phenylether	16.580	248	594588	31.539	ng/ul	98
69) Hexachlorobenzene	16.692	284	711812	31.922	ng/ul	98
70) Atrazine	16.845	200	74593	3.752	ng/ul	98
71) Pentachlorophenol	17.033	266	332992	25.141	ng/ul	99
72) Phenanthrene	17.427	178	3493491	33.159	ng/ul	99
74) Anthracene	17.521	178	3518543	32.857	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.457	216	824906	31.532	ng/ul	100
76) Pentachlorobenzene	14.969	250	825079	29.160	ng/ul	99
77) Carbazole	17.786	167	3178402	32.058	ng/ul	100
78) Di-n-butylphthalate	18.357	149	3854318	34.299	ng/ul	100
80) Fluoranthene	19.433	202	4055504	36.363	ng/ul	100
82) Pyrene	19.798	202	4167079	35.298	ng/ul	100
83) Butylbenzylphthalate	20.692	149	1601118	35.792	ng/ul	92
84) 3,3'-Dichlorobenzidine	21.468	252	1242509	34.373	ng/ul	98
85) Benzo(a)anthracene	21.539	228	3881359	33.485	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.474	149	2488679	38.085	ng/ul	99
87) Chrysene	21.592	228	3809489	34.625	ng/ul	99
89) Di-n-octyl phthalate	22.415	149	3966880	39.052	ng/ul	100
90) Benzo(b)fluoranthene	23.250	252	3733557	34.943	ng/ul	100
91) Benzo(k)fluoranthene	23.303	252	3686644	34.531	ng/ul	99
93) Benzo(a)pyrene	23.891	252	3624785	38.590	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.550	276	3619967	33.002	ng/ul	99
95) Dibenzo(a,h)anthracene	26.568	278	3146767	31.633	ng/ul	100
96) Benzo(g,h,i)perylene	27.332	276	2914131	30.645	ng/ul	99

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

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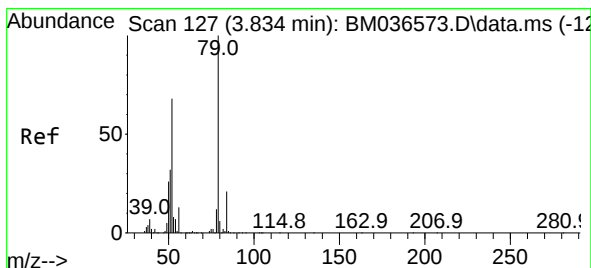
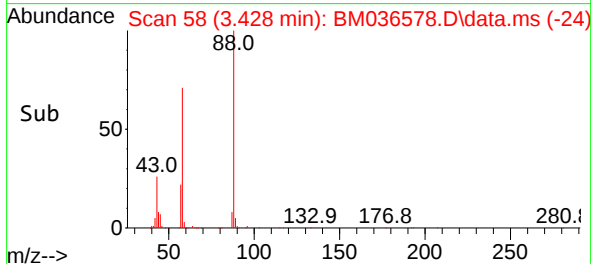
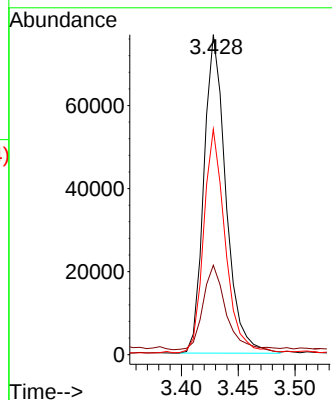
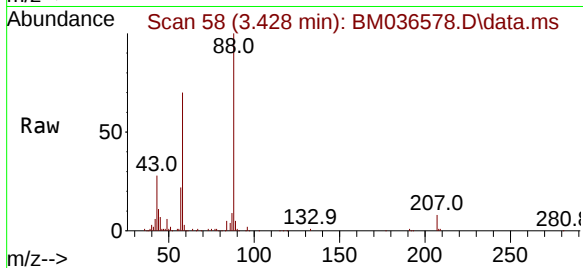




#2
1,4-Dioxane
Concen: 11.050 ng/uL
RT: 3.428 min Scan# 58
Delta R.T. 0.000 min
Lab File: BM036578.D
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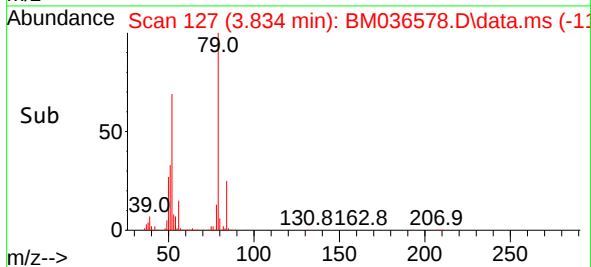
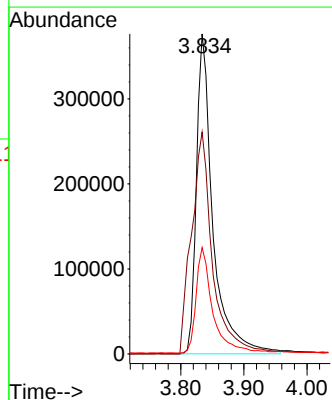
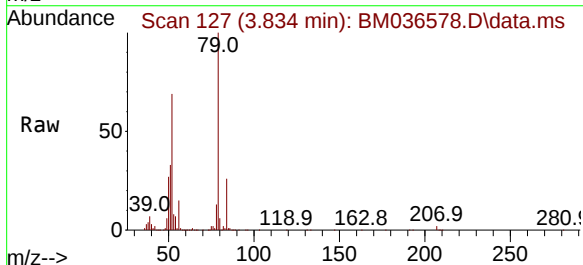
Instrument :
BNA_M
ClientSampleId :

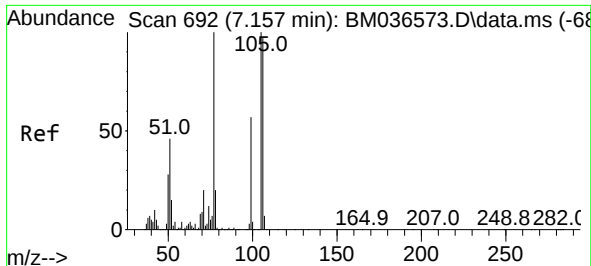
Tgt Ion: 88 Resp: 103207
Ion Ratio Lower Upper
88 100
43 27.9 23.1 34.7
58 70.4 56.6 85.0



#5
Pyridine
Concen: 26.813 ng/uL
RT: 3.834 min Scan# 127
Delta R.T. 0.000 min
Lab File: BM036578.D
Acq: 19 Sep 2022 13:53

Tgt Ion: 79 Resp: 681166
Ion Ratio Lower Upper
79 100
52 69.4 57.2 85.8
51 33.3 26.8 40.2

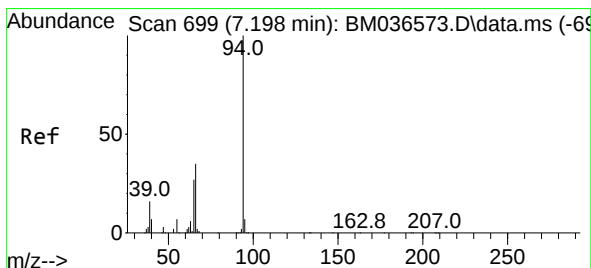
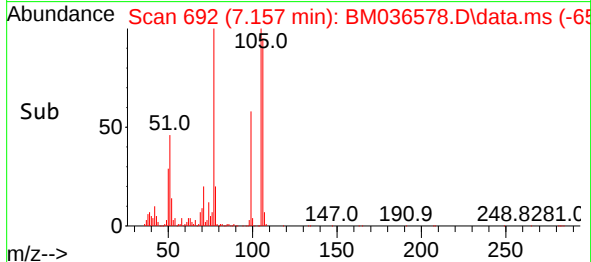
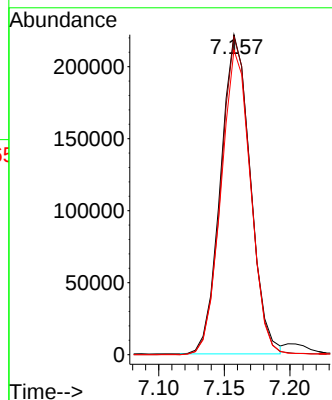
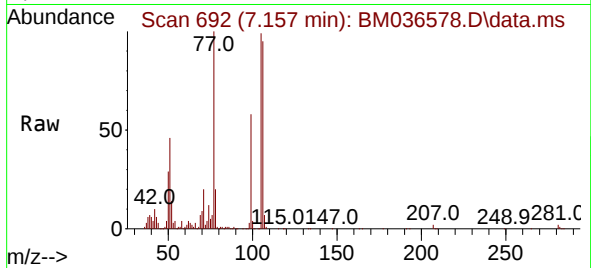




#6
Benzaldehyde
Concen: 24.887 ng/ul
RT: 7.157 min Scan# 692
Delta R.T. 0.000 min
Lab File: BM036578.D
Acq: 19 Sep 2022 13:53

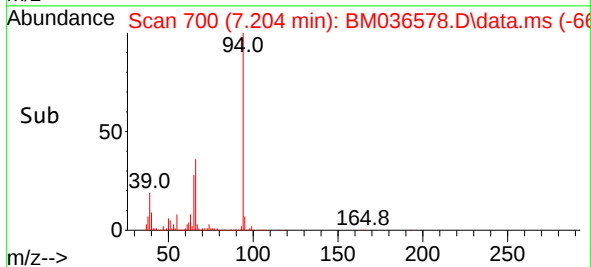
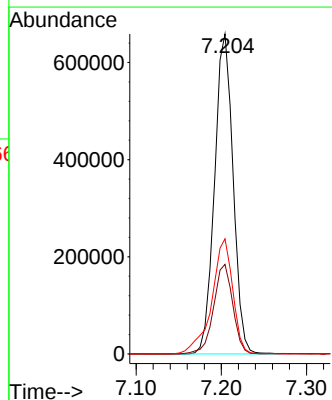
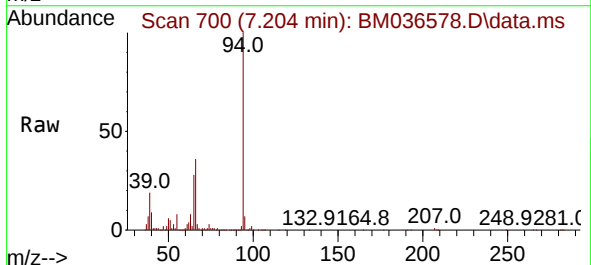
Instrument :
BNA_M
ClientSampleId :

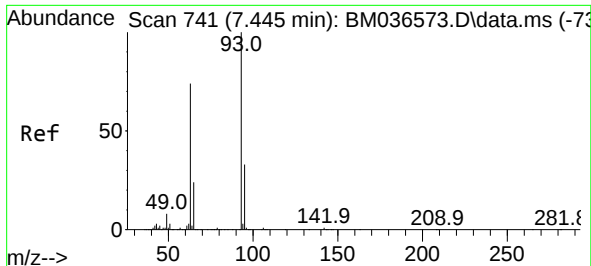
Tgt Ion: 77 Resp: 350046
Ion Ratio Lower Upper
77 100
105 99.4 75.1 112.7
106 95.2 73.0 109.6



#8
Phenol
Concen: 31.981 ng/ul
RT: 7.204 min Scan# 700
Delta R.T. 0.000 min
Lab File: BM036578.D
Acq: 19 Sep 2022 13:53

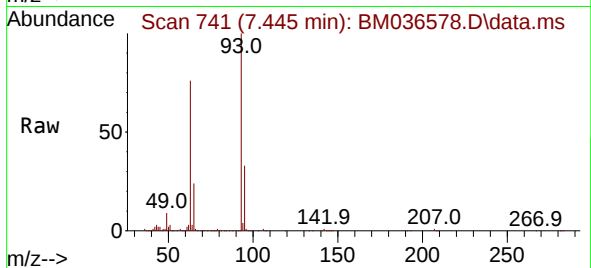
Tgt Ion: 94 Resp: 996979
Ion Ratio Lower Upper
94 100
65 28.0 22.2 33.4
66 36.0 28.9 43.3



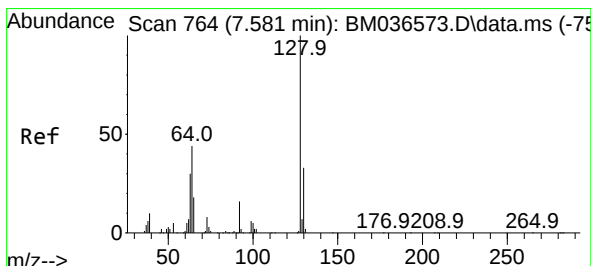
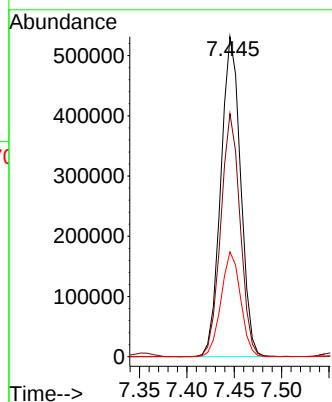
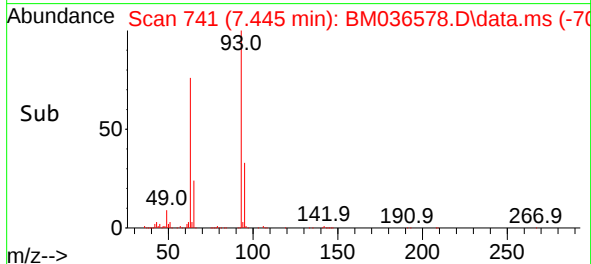


#10
Bis(2-Chloroethyl)ether
Concen: 31.879 ng/ul
RT: 7.445 min Scan# 741
Delta R.T. 0.000 min
Lab File: BM036578.D
Acq: 19 Sep 2022 13:53

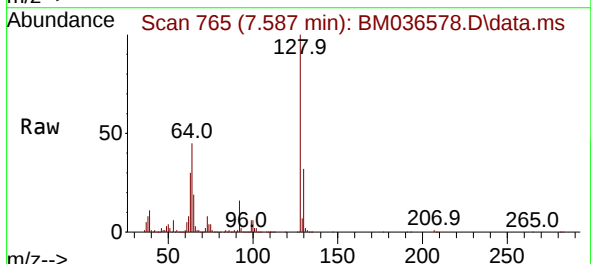
Instrument :
BNA_M
ClientSampleId :



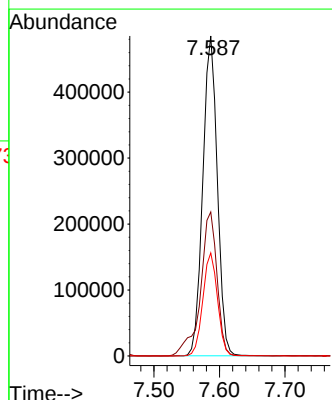
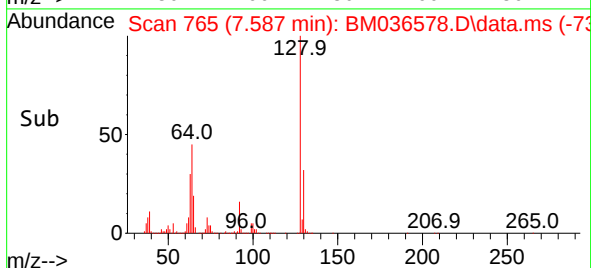
Tgt Ion: 93 Resp: 773220
Ion Ratio Lower Upper
93 100
63 76.0 59.1 88.7
95 32.8 26.1 39.1

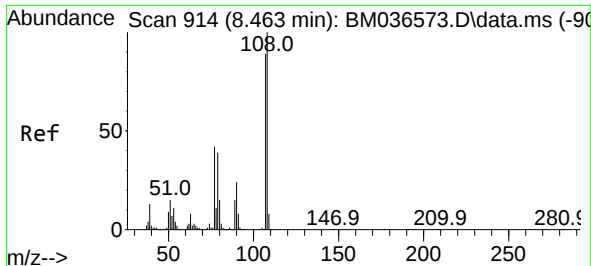


#12
2-Chlorophenol
Concen: 33.125 ng/ul
RT: 7.587 min Scan# 765
Delta R.T. 0.000 min
Lab File: BM036578.D
Acq: 19 Sep 2022 13:53



Tgt Ion: 128 Resp: 749301
Ion Ratio Lower Upper
128 100
64 45.0 37.8 56.8
130 32.2 26.0 39.0





#13

2-Methylphenol

Concen: 32.772 ng/ul

RT: 8.463 min Scan# 914

Delta R.T. 0.000 min

Lab File: BM036578.D

Acq: 19 Sep 2022 13:53

Instrument :

BNA_M

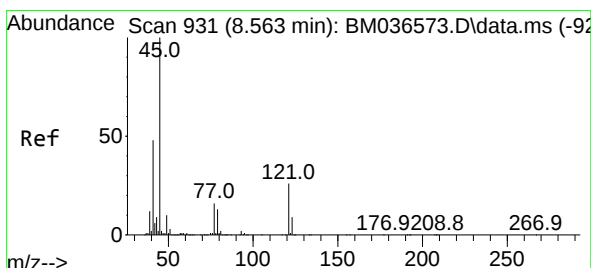
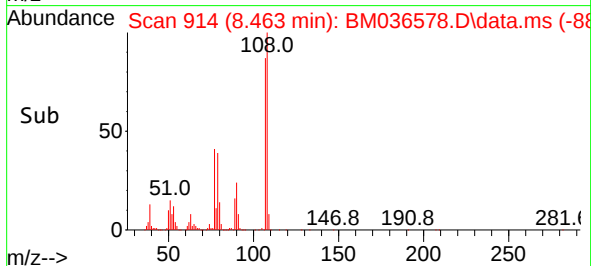
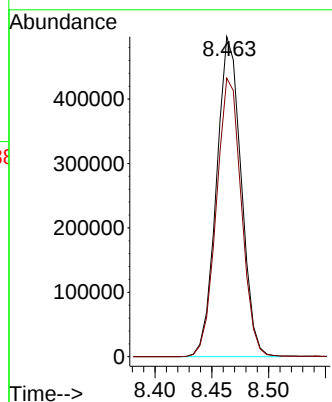
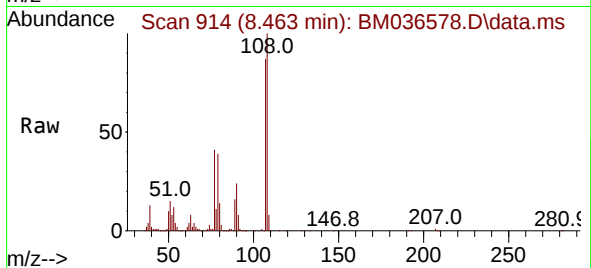
ClientSampleId :

Tgt Ion:108 Resp: 750916

Ion Ratio Lower Upper

108 100

107 87.1 70.7 106.1



#14

2,2'-oxybis(1-Chloropropane)

Concen: 31.107 ng/ul

RT: 8.563 min Scan# 931

Delta R.T. 0.000 min

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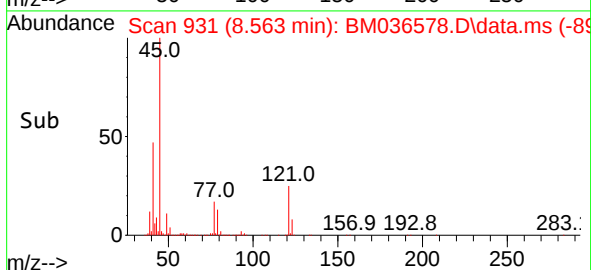
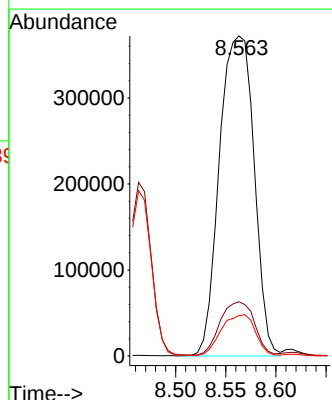
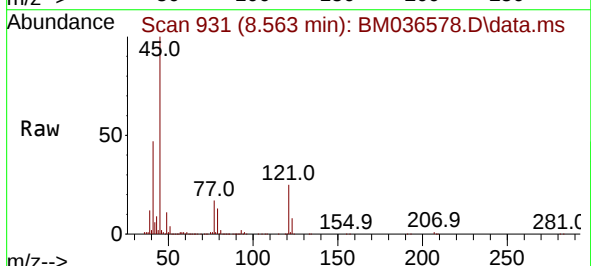
Tgt Ion: 45 Resp: 894244

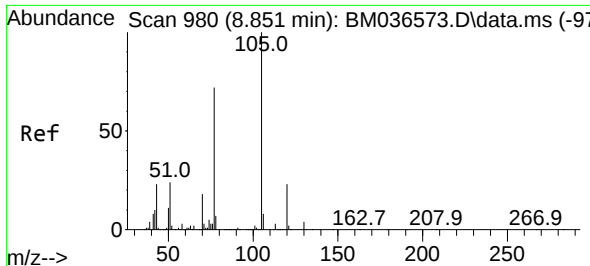
Ion Ratio Lower Upper

45 100

77 16.9 13.1 19.7

79 12.6 9.5 14.3

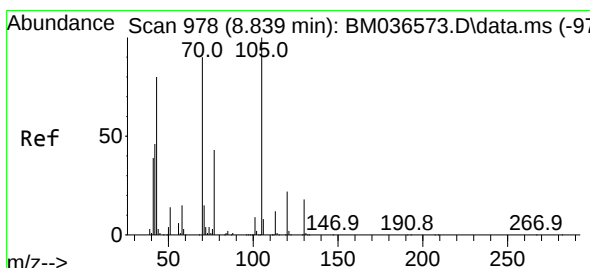
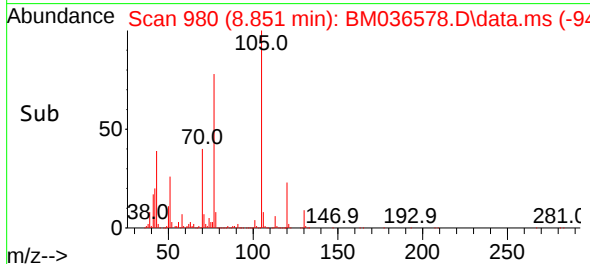
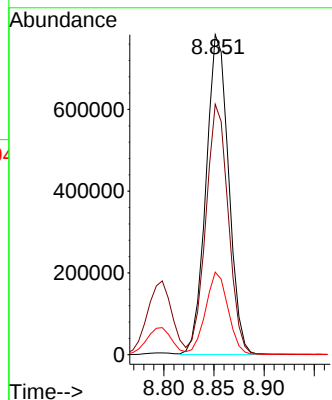
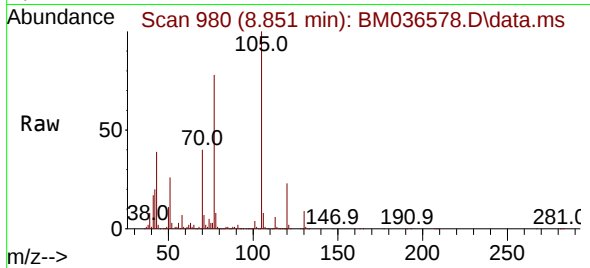




#16
Acetophenone
Concen: 33.007 ng/ul
RT: 8.851 min Scan# 91
Delta R.T. -0.006 min
Lab File: BM036578.D
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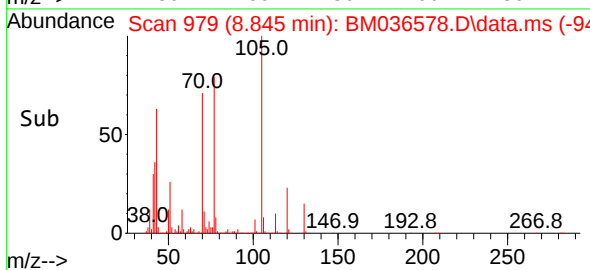
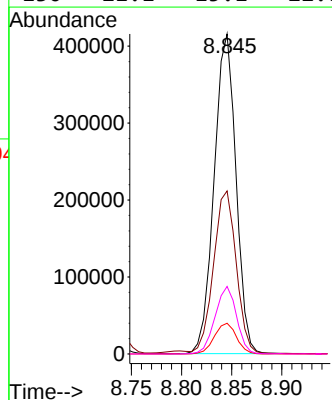
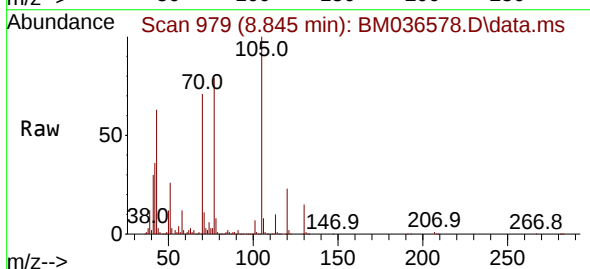
Instrument :
BNA_M
ClientSampleId :

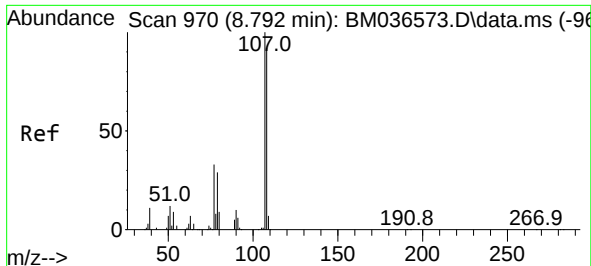
Tgt Ion:105 Resp: 1228718
Ion Ratio Lower Upper
105 100
77 78.2 61.6 92.4
51 25.8 20.5 30.7



#17
N-Nitroso-di-n-propylamine
Concen: 35.012 ng/ul
RT: 8.845 min Scan# 979
Delta R.T. 0.006 min
Lab File: BM036578.D
Acq: 19 Sep 2022 13:53

Tgt Ion: 70 Resp: 628897
Ion Ratio Lower Upper
70 100
42 51.0 43.0 64.4
101 9.6 7.7 11.5
130 21.1 15.1 22.7





#18

4-Methylphenol

Concen: 33.573 ng/ul

RT: 8.798 min Scan# 971

Delta R.T. 0.006 min

Lab File: BM036578.D

Acq: 19 Sep 2022 13:53

Instrument :

BNA_M

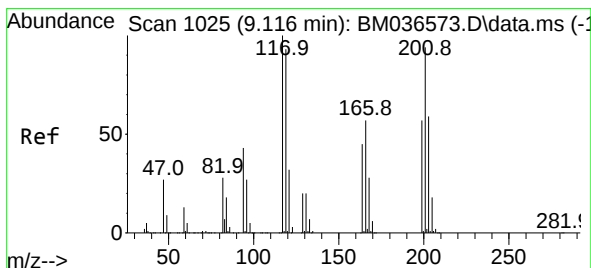
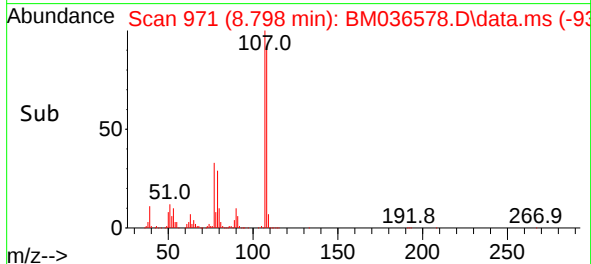
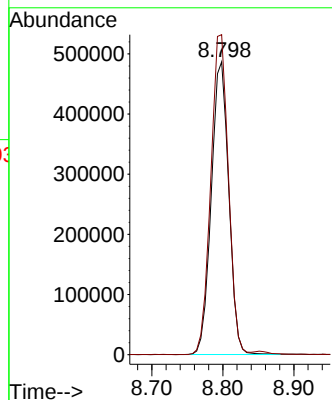
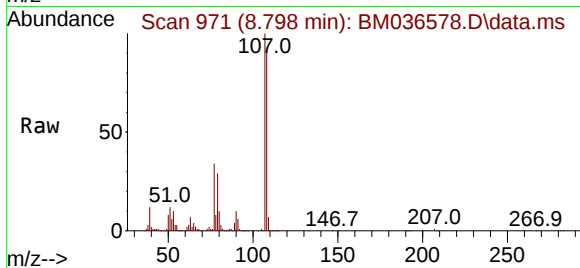
ClientSampleId :

Tgt Ion:108 Resp: 831852

Ion Ratio Lower Upper

108 100

107 109.3 89.4 134.0



#19

Hexachloroethane

Concen: 32.374 ng/ul

RT: 9.116 min Scan# 1025

Delta R.T. 0.000 min

Lab File: BM036578.D

Acq: 19 Sep 2022 13:53

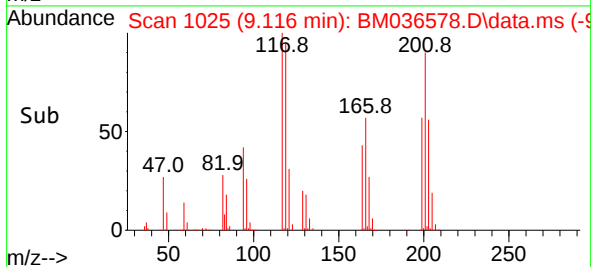
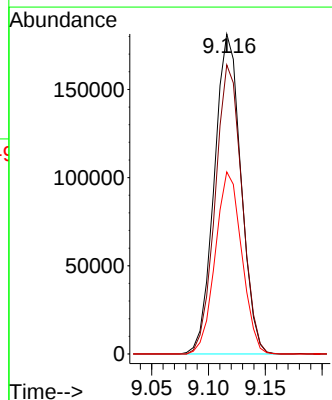
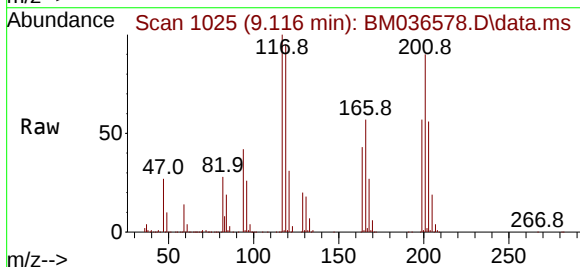
Tgt Ion:117 Resp: 296625

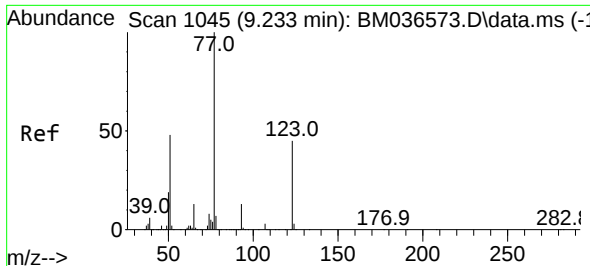
Ion Ratio Lower Upper

117 100

201 90.3 68.7 103.1

199 56.9 43.0 64.6

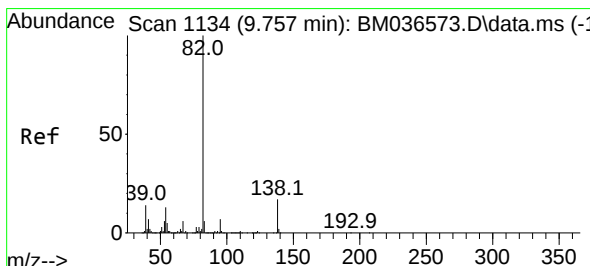
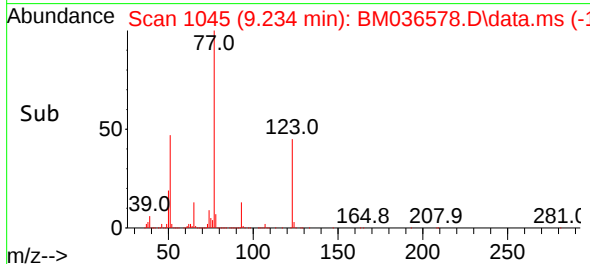
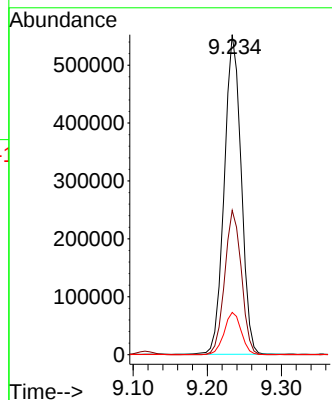
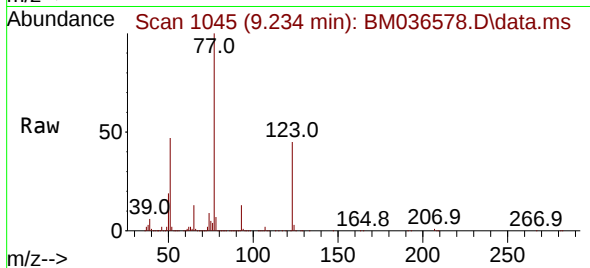




#22
Nitrobenzene
Concen: 32.679 ng/ul
RT: 9.234 min Scan# 1045
Delta R.T. 0.000 min
Lab File: BM036578.D
Acq: 19 Sep 2022 13:53

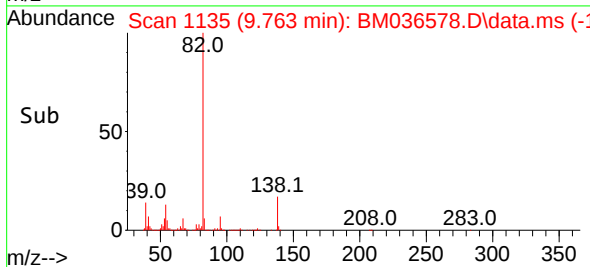
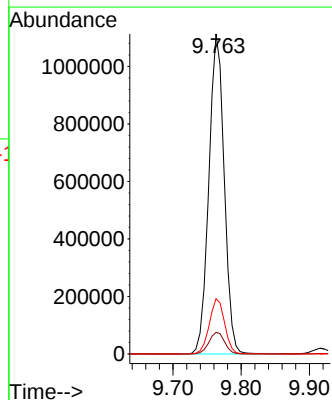
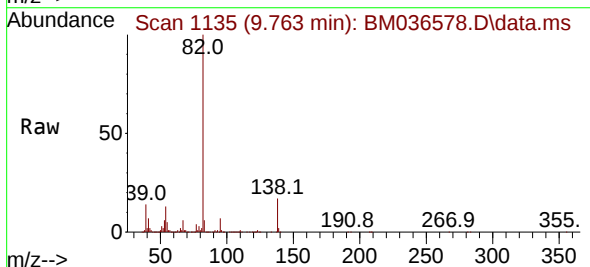
Instrument :
BNA_M
ClientSampleId :

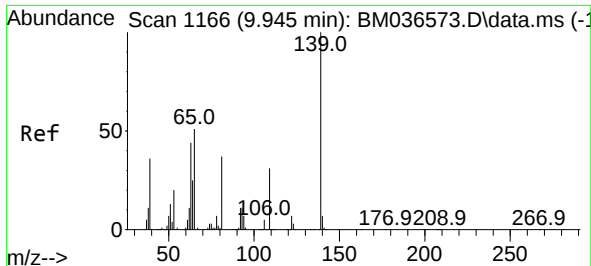
Tgt Ion: 77 Resp: 874795
Ion Ratio Lower Upper
77 100
123 45.1 34.9 52.3
65 13.2 10.7 16.1



#23
Isophorone
Concen: 31.985 ng/ul
RT: 9.763 min Scan# 1135
Delta R.T. 0.000 min
Lab File: BM036578.D
Acq: 19 Sep 2022 13:53

Tgt Ion: 82 Resp: 1745775
Ion Ratio Lower Upper
82 100
95 6.8 5.4 8.2
138 17.3 13.5 20.3

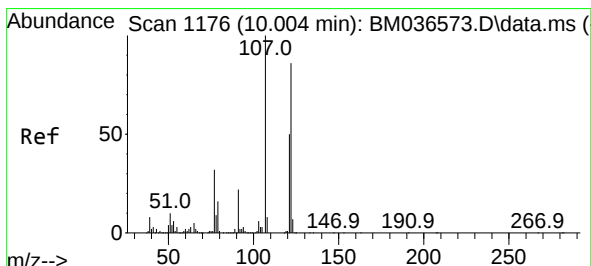
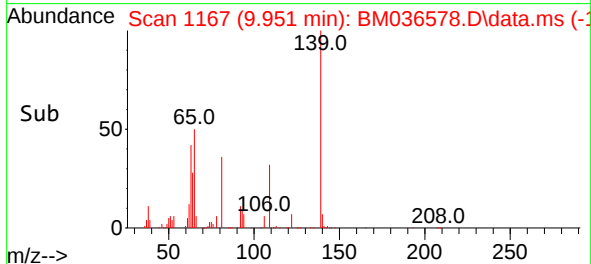
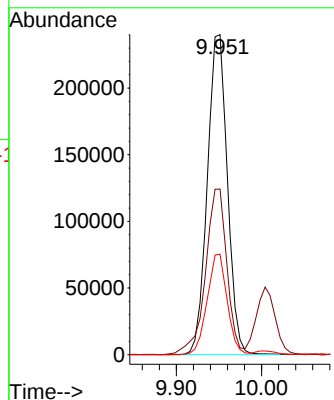
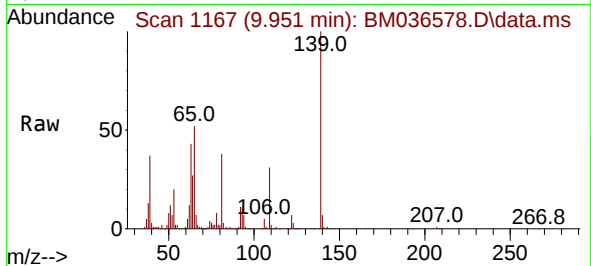




#25
2-Nitrophenol
Concen: 35.278 ng/ul
RT: 9.951 min Scan# 1166
Delta R.T. 0.000 min
Lab File: BM036578.D
Acq: 19 Sep 2022 13:53

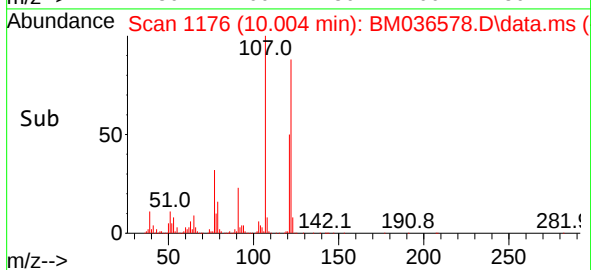
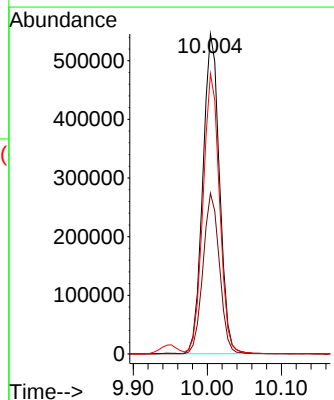
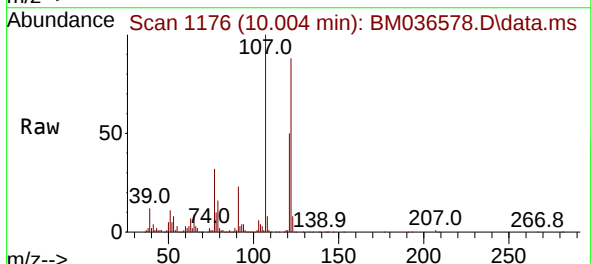
Instrument :
BNA_M
ClientSampleId :

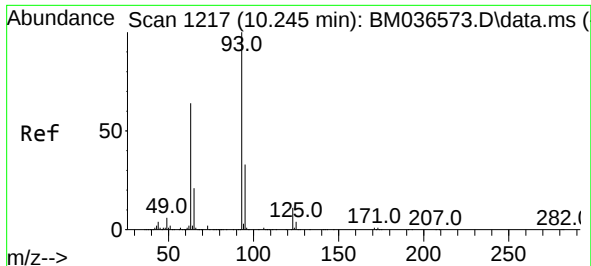
Tgt Ion:139 Resp: 393514
Ion Ratio Lower Upper
139 100
65 51.8 40.9 61.3
109 31.4 23.9 35.9



#26
2,4-Dimethylphenol
Concen: 30.964 ng/ul
RT: 10.004 min Scan# 1176
Delta R.T. 0.000 min
Lab File: BM036578.D
Acq: 19 Sep 2022 13:53

Tgt Ion:107 Resp: 851866
Ion Ratio Lower Upper
107 100
121 50.2 39.4 59.2
122 87.6 69.1 103.7





#27

Bis(2-Chloroethoxy)methane

Concen: 32.952 ng/ul

RT: 10.251 min Scan# 1218

Delta R.T. 0.000 min

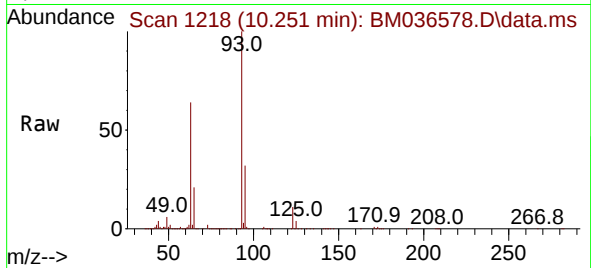
Lab File: BM036578.D

Acq: 19 Sep 2022 13:53

Instrument :

BNA_M

ClientSampleId :



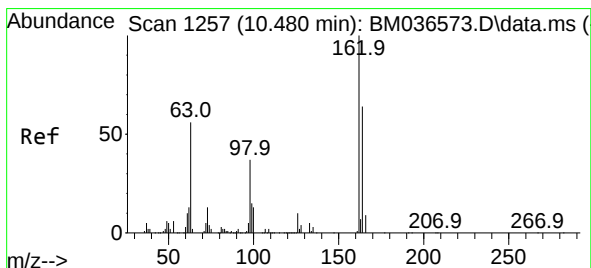
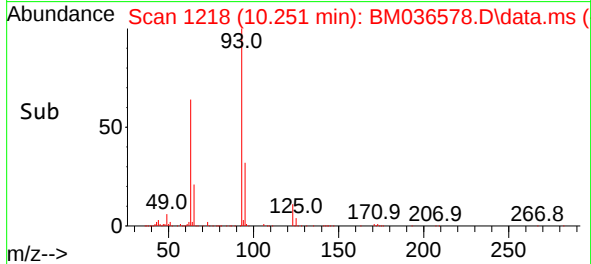
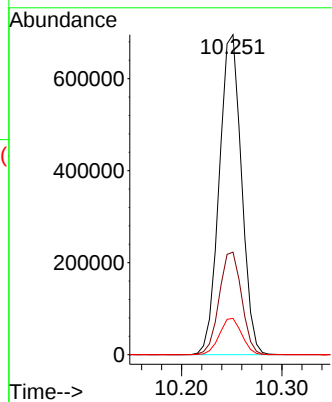
Tgt Ion: 93 Resp: 1072018

Ion Ratio Lower Upper

93 100

95 32.0 26.2 39.4

123 11.4 9.2 13.8



#29

2,4-Dichlorophenol

Concen: 32.927 ng/ul

RT: 10.481 min Scan# 1257

Delta R.T. 0.000 min

Lab File: BM036578.D

Acq: 19 Sep 2022 13:53

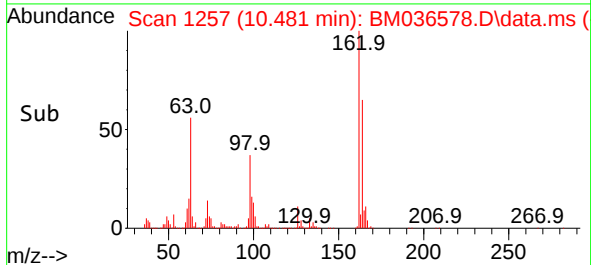
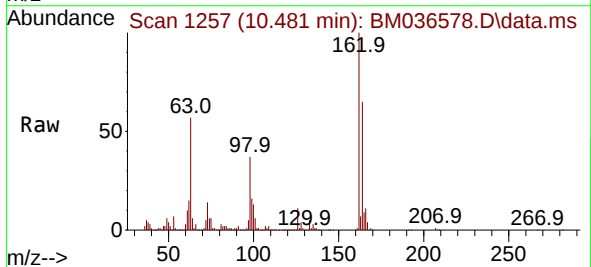
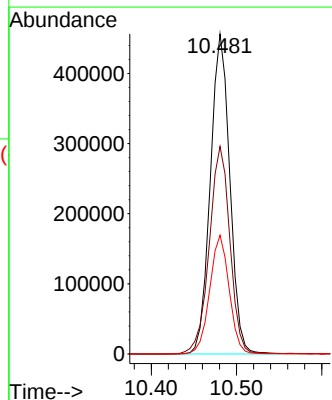
Tgt Ion:162 Resp: 724493

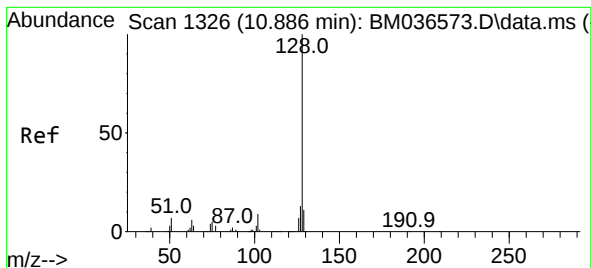
Ion Ratio Lower Upper

162 100

164 64.8 52.1 78.1

98 37.1 29.1 43.7

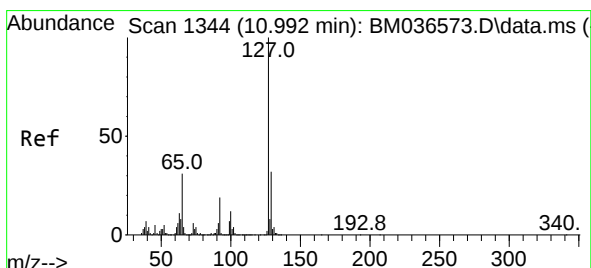
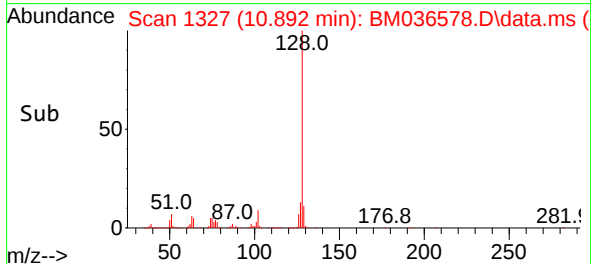
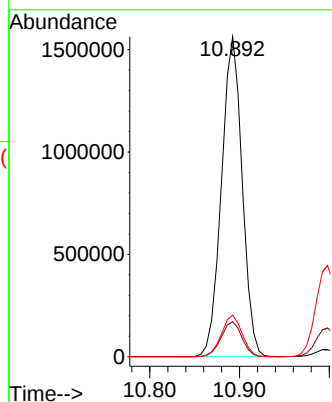
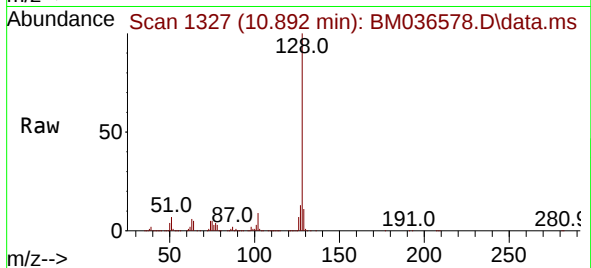




#30
Naphthalene
Concen: 30.817 ng/ul
RT: 10.892 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM036578.D
Acq: 19 Sep 2022 13:53

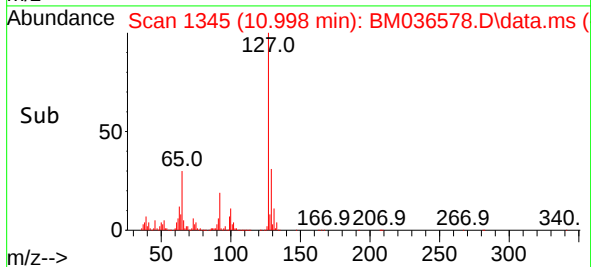
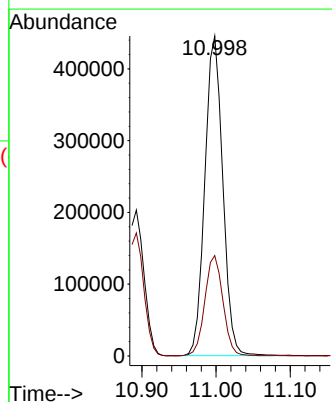
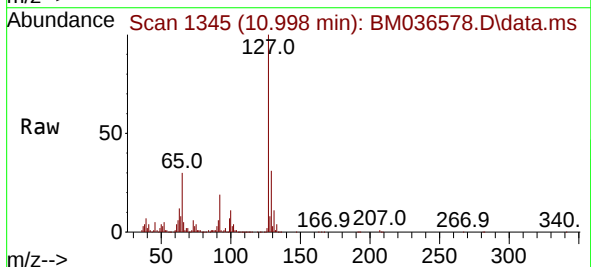
Instrument :
BNA_M
ClientSampleId :

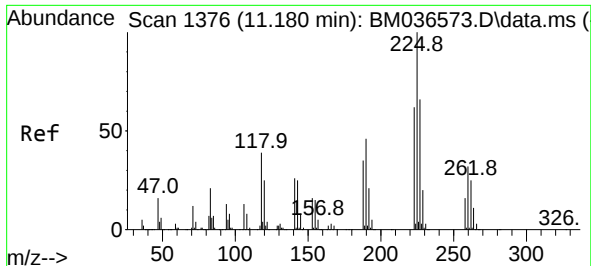
Tgt Ion:128 Resp: 2500730
Ion Ratio Lower Upper
128 100
129 11.0 8.7 13.1
127 13.0 10.3 15.5



#32
4-Chloroaniline
Concen: 20.826 ng/ul
RT: 10.998 min Scan# 1345
Delta R.T. 0.000 min
Lab File: BM036578.D
Acq: 19 Sep 2022 13:53

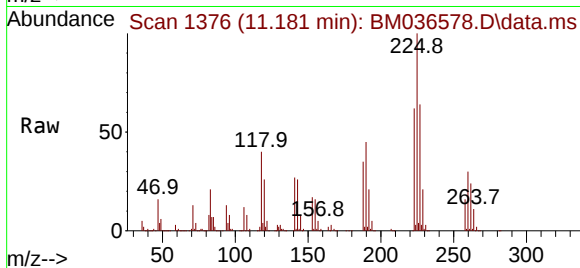
Tgt Ion:127 Resp: 748187
Ion Ratio Lower Upper
127 100
129 31.3 25.4 38.2



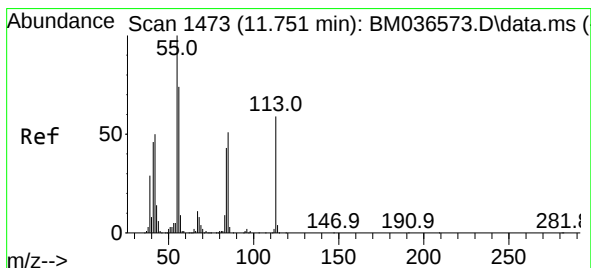
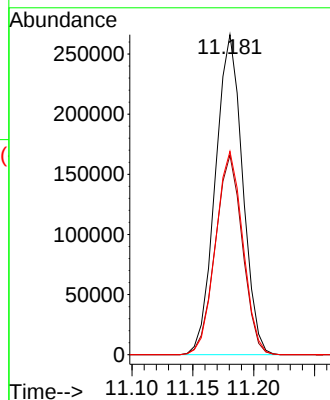
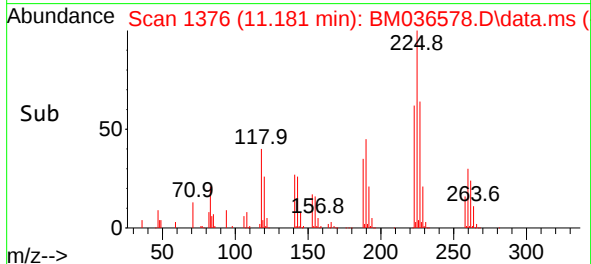


#33
Hexachlorobutadiene
Concen: 30.779 ng/ul
RT: 11.181 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM036578.D
Acq: 19 Sep 2022 13:53

Instrument :
BNA_M
ClientSampleId :

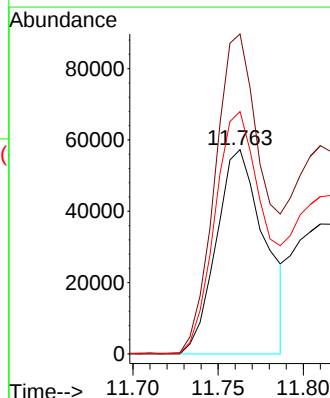
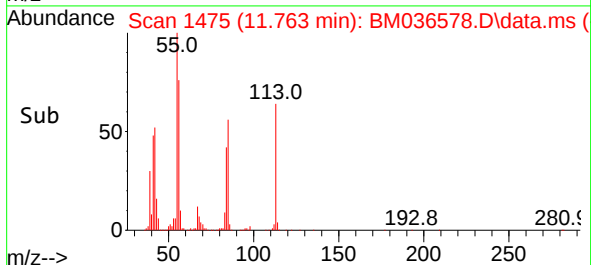
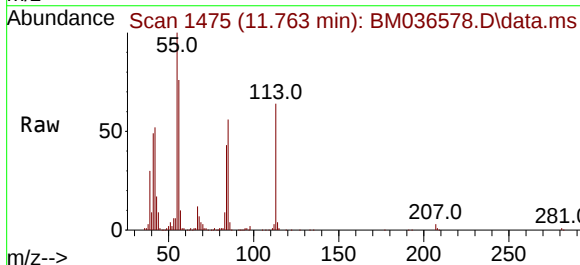


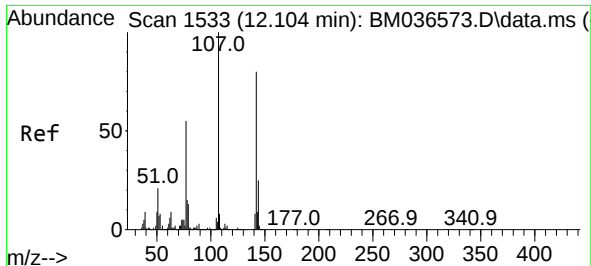
Tgt Ion:225 Resp: 414189
Ion Ratio Lower Upper
225 100
223 62.4 49.8 74.8
227 63.5 51.0 76.6



#34
Caprolactam
Concen: 15.816 ng/ul
RT: 11.763 min Scan# 1475
Delta R.T. 0.006 min
Lab File: BM036578.D
Acq: 19 Sep 2022 13:53

Tgt Ion:113 Resp: 112882
Ion Ratio Lower Upper
113 100
55 156.6 127.5 191.3
56 118.7 94.6 142.0

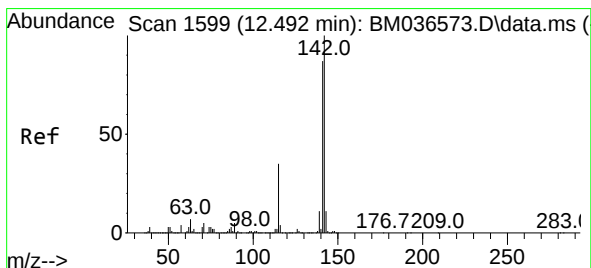
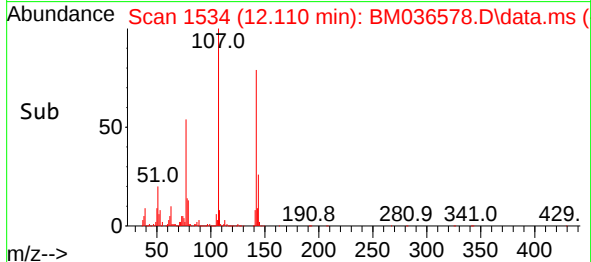
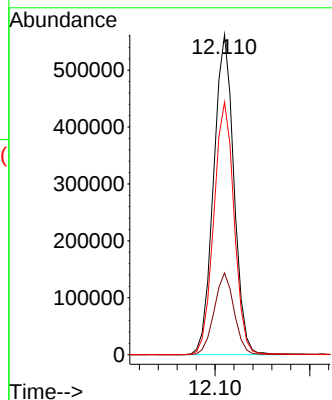
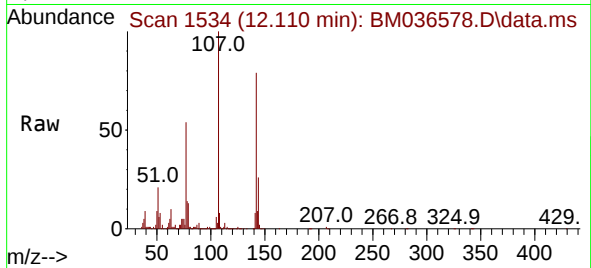




#35
4-Chloro-3-methylphenol
Concen: 34.518 ng/ul
RT: 12.110 min Scan# 1534
Delta R.T. 0.000 min
Lab File: BM036578.D
Acq: 19 Sep 2022 13:53

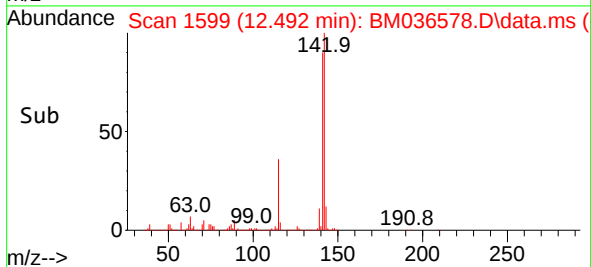
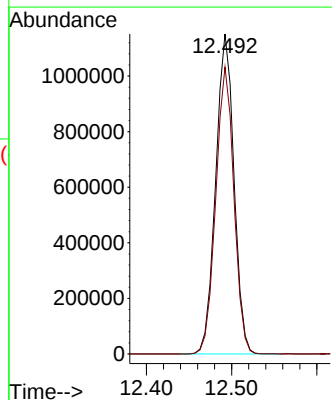
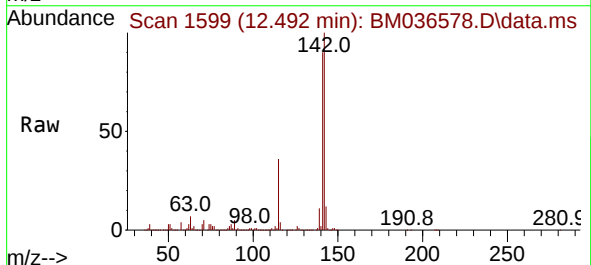
Instrument :
BNA_M
ClientSampleId :

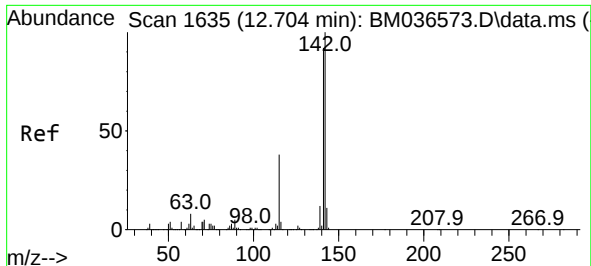
Tgt Ion:107 Resp: 838375
Ion Ratio Lower Upper
107 100
144 25.6 21.5 32.3
142 78.9 63.9 95.9



#36
2-Methylnaphthalene
Concen: 31.730 ng/ul
RT: 12.492 min Scan# 1599
Delta R.T. 0.000 min
Lab File: BM036578.D
Acq: 19 Sep 2022 13:53

Tgt Ion:142 Resp: 1715550
Ion Ratio Lower Upper
142 100
141 89.6 70.7 106.1





#37

1-Methylnaphthalene

Concen: 31.610 ng/ul

RT: 12.710 min Scan# 1

Delta R.T. 0.000 min

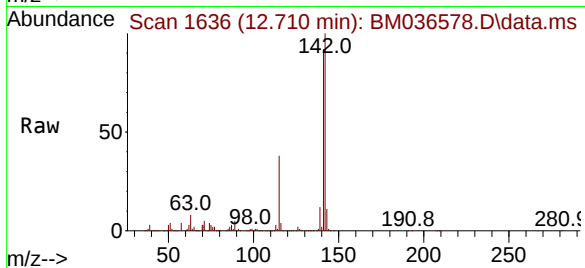
Lab File: BM036578.D

Acq: 19 Sep 2022 13:53

Instrument :

BNA_M

ClientSampleId :



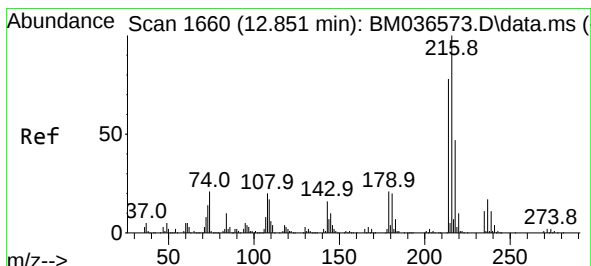
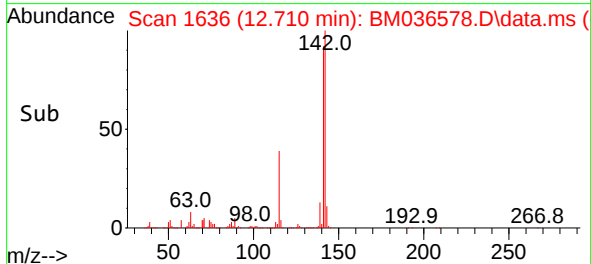
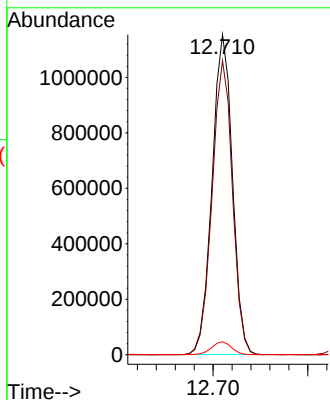
Tgt Ion:142 Resp: 1718114

Ion Ratio Lower Upper

142 100

141 91.9 73.4 110.2

116 4.0 3.1 4.7



#39

1,2,4,5-Tetrachlorobenzene

Concen: 31.089 ng/ul

RT: 12.857 min Scan# 1661

Delta R.T. 0.000 min

Lab File: BM036578.D

Acq: 19 Sep 2022 13:53

Tgt Ion:216 Resp: 835032

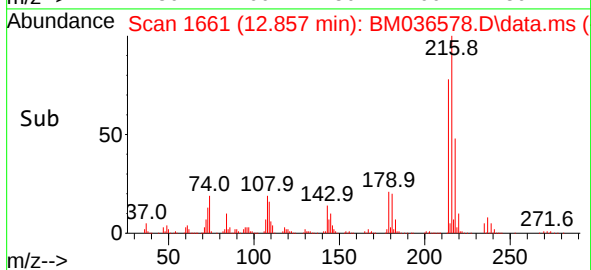
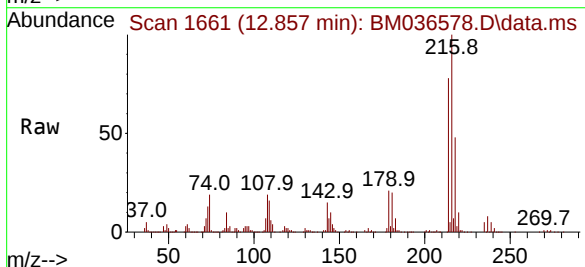
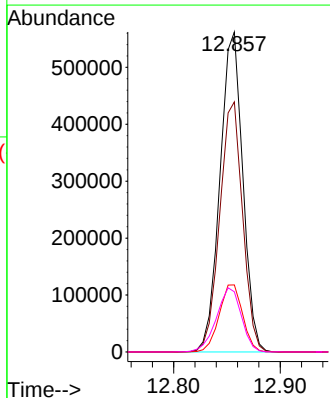
Ion Ratio Lower Upper

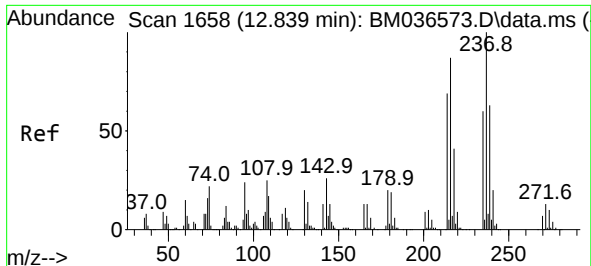
216 100

214 78.2 62.4 93.6

179 21.0 16.7 25.1

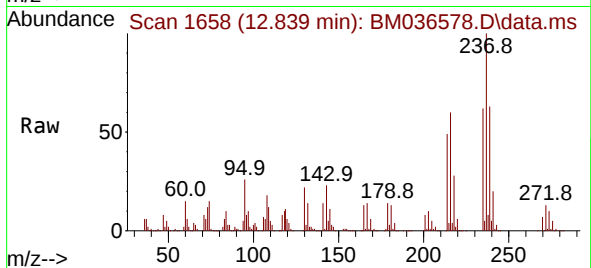
108 18.8 15.4 23.0



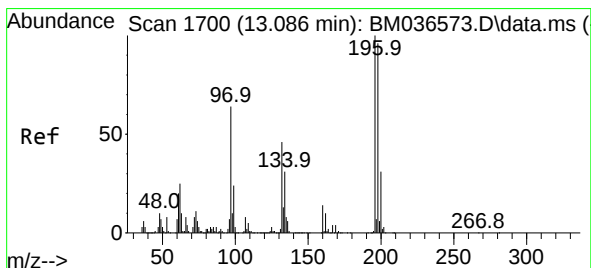
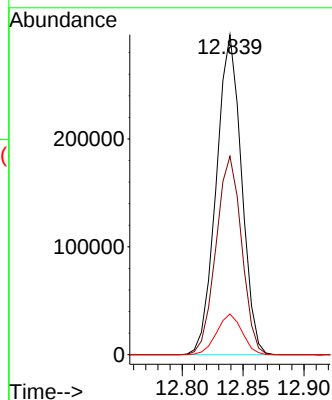
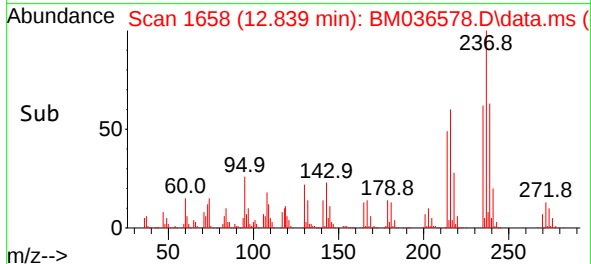


#40
Hexachlorocyclopentadiene
Concen: 30.604 ng/ul
RT: 12.839 min Scan# 1
Delta R.T. 0.000 min
Lab File: BM036578.D
Acq: 19 Sep 2022 13:53

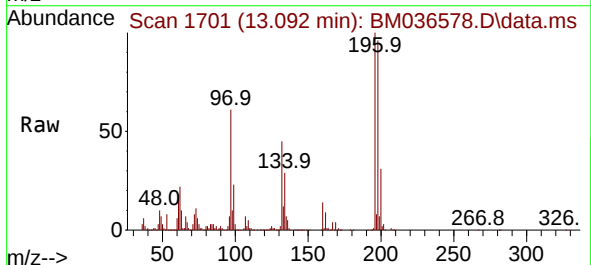
Instrument :
BNA_M
ClientSampleId :



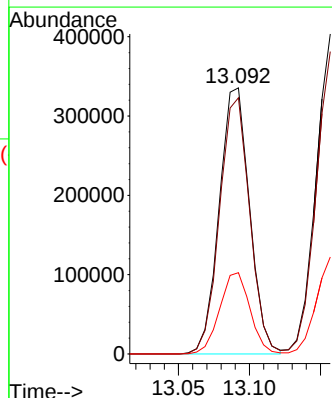
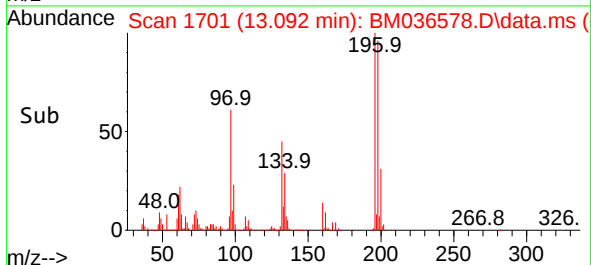
Tgt Ion:237 Resp: 428385
Ion Ratio Lower Upper
237 100
235 62.0 50.9 76.3
272 13.5 10.3 15.5

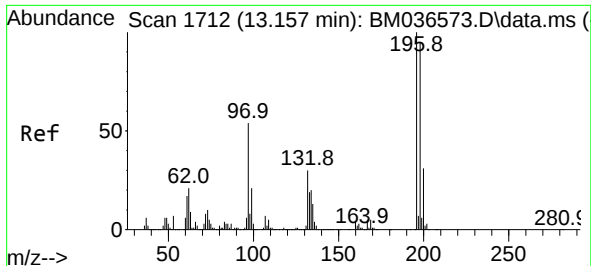


#41
2,4,6-Trichlorophenol
Concen: 30.351 ng/ul
RT: 13.092 min Scan# 1701
Delta R.T. 0.000 min
Lab File: BM036578.D
Acq: 19 Sep 2022 13:53



Tgt Ion:196 Resp: 499140
Ion Ratio Lower Upper
196 100
198 96.3 77.3 115.9
200 30.6 25.2 37.8

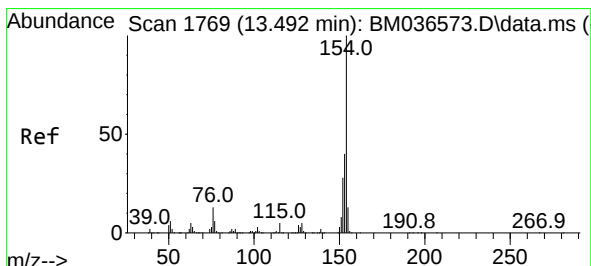
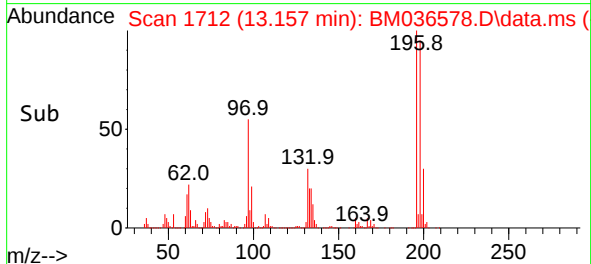
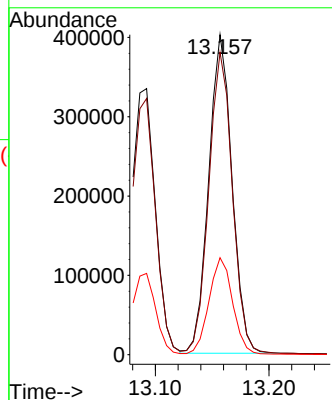
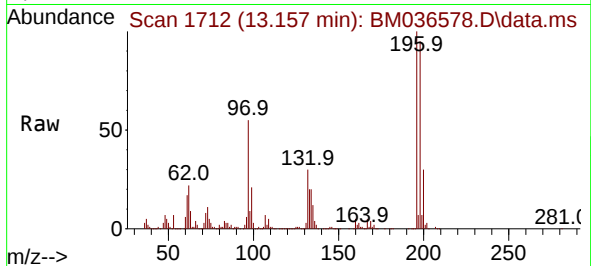




#42
2,4,5-Trichlorophenol
Concen: 32.520 ng/ul
RT: 13.157 min Scan# 1712
Delta R.T. 0.000 min
Lab File: BM036578.D
Acq: 19 Sep 2022 13:53

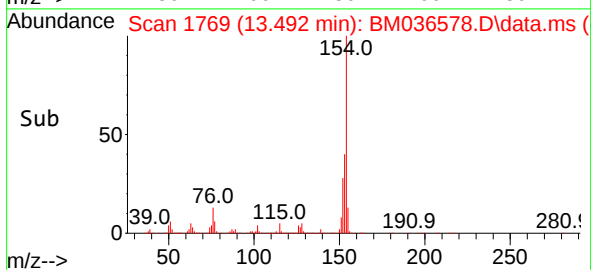
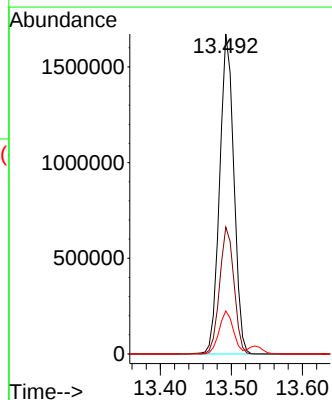
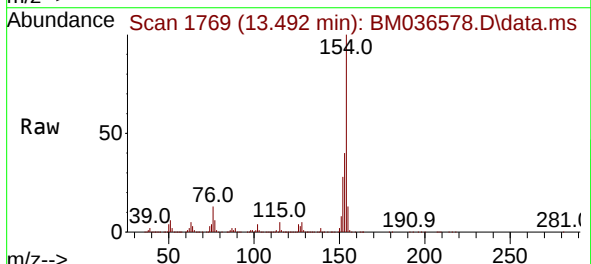
Instrument :
BNA_M
ClientSampleId :

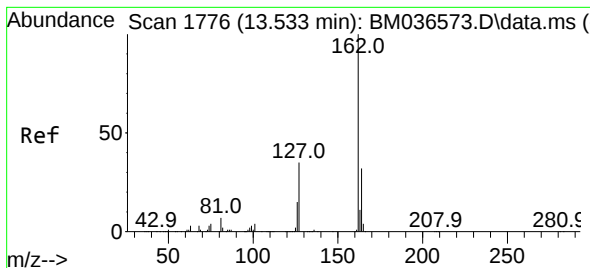
Tgt Ion:196 Resp: 573401
Ion Ratio Lower Upper
196 100
198 94.5 75.6 113.4
200 30.3 24.7 37.1



#43
1,1'-Biphenyl
Concen: 33.081 ng/ul
RT: 13.492 min Scan# 1769
Delta R.T. -0.006 min
Lab File: BM036578.D
Acq: 19 Sep 2022 13:53

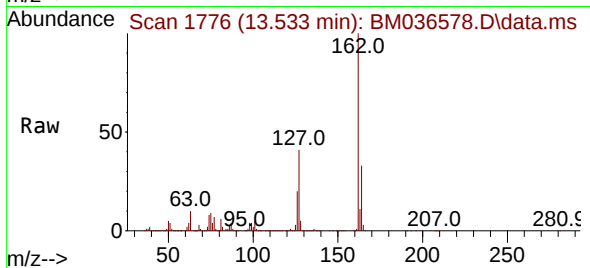
Tgt Ion:154 Resp: 2314128
Ion Ratio Lower Upper
154 100
153 39.7 31.4 47.2
76 13.5 10.4 15.6



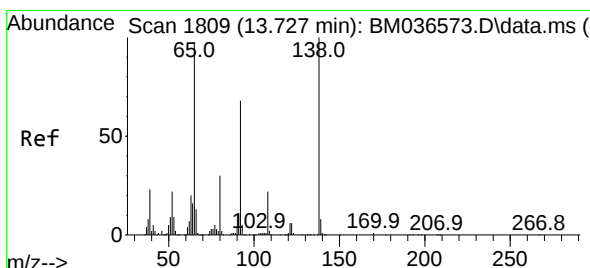
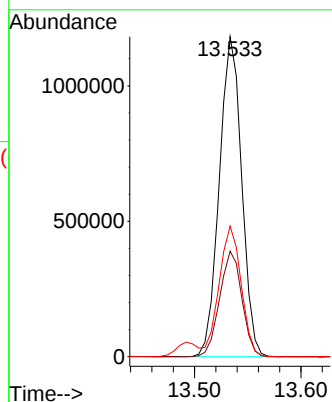
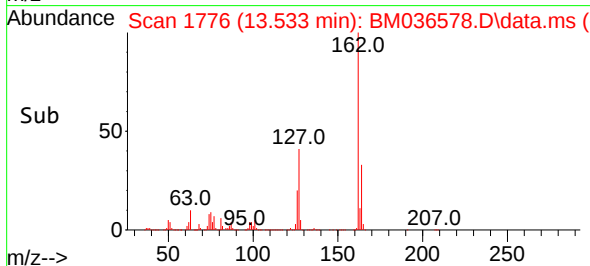


#44
2-Chloronaphthalene
Concen: 31.314 ng/ul
RT: 13.533 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM036578.D
Acq: 19 Sep 2022 13:53

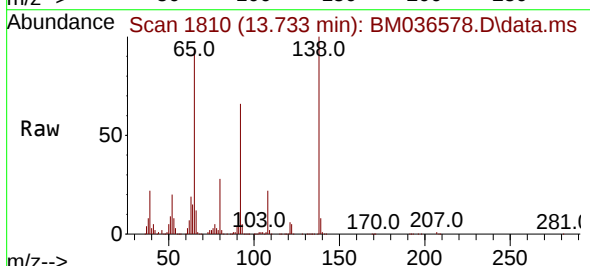
Instrument :
BNA_M
ClientSampleId :



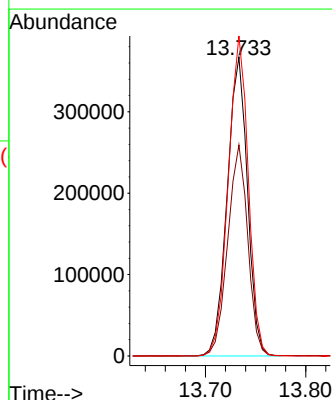
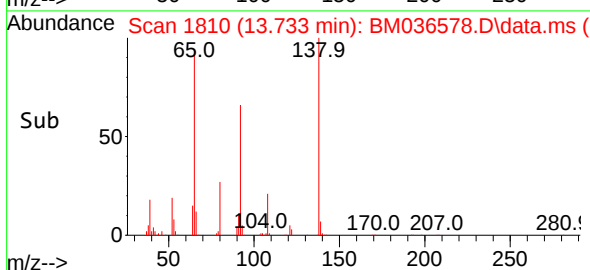
Tgt Ion:162 Resp: 1718910
Ion Ratio Lower Upper
162 100
164 32.9 26.2 39.2
127 40.8 32.6 49.0

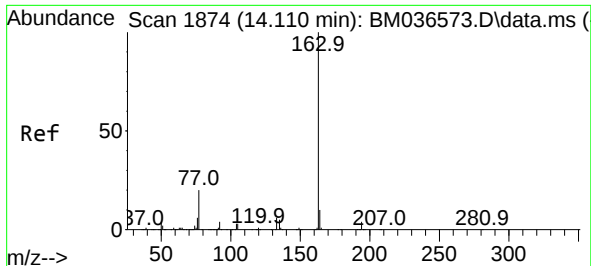


#45
2-Nitroaniline
Concen: 38.163 ng/ul
RT: 13.733 min Scan# 1810
Delta R.T. 0.000 min
Lab File: BM036578.D
Acq: 19 Sep 2022 13:53



Tgt Ion: 65 Resp: 515623
Ion Ratio Lower Upper
65 100
92 70.6 54.4 81.6
138 107.0 86.1 129.1

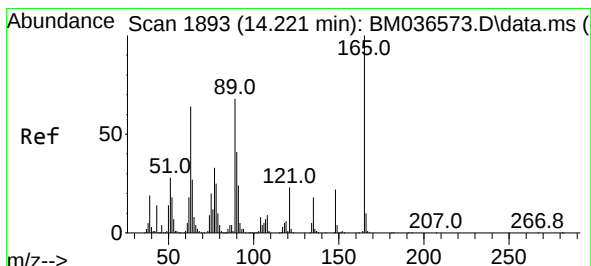
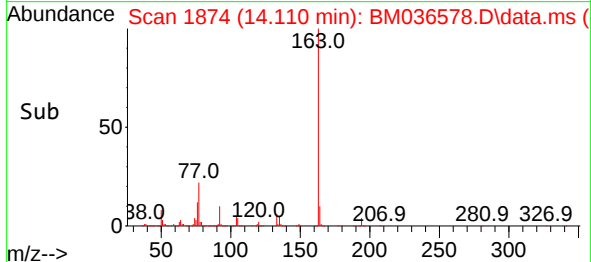
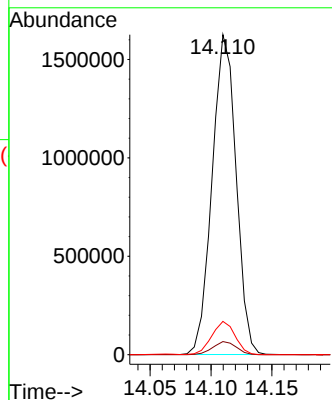
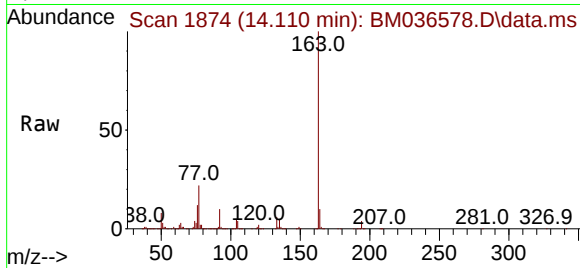




#47
Dimethylphthalate
Concen: 32.805 ng/ul
RT: 14.110 min Scan# 1874
Delta R.T. 0.000 min
Lab File: BM036578.D
Acq: 19 Sep 2022 13:53

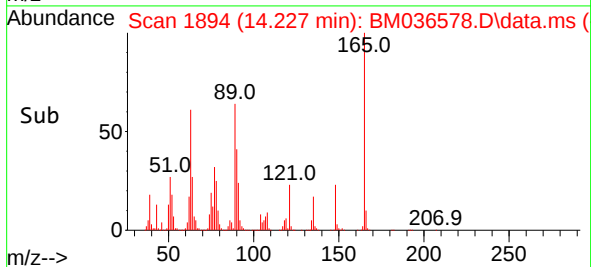
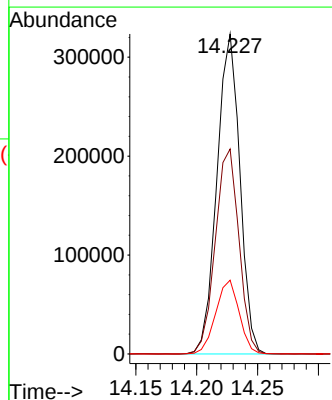
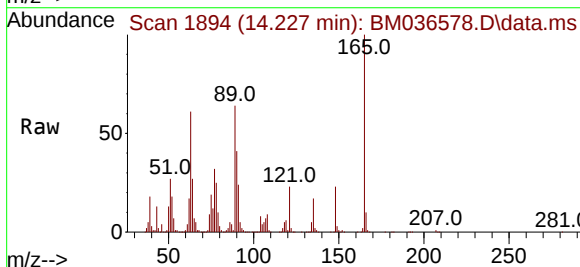
Instrument :
BNA_M
ClientSampleId :

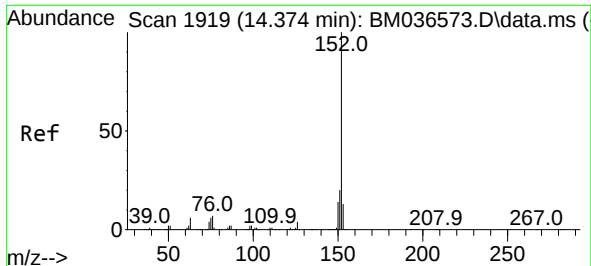
Tgt Ion:163 Resp: 2227201
Ion Ratio Lower Upper
163 100
194 4.1 3.0 4.6
164 10.4 8.3 12.5



#48
2,6-Dinitrotoluene
Concen: 38.452 ng/ul
RT: 14.227 min Scan# 1894
Delta R.T. 0.000 min
Lab File: BM036578.D
Acq: 19 Sep 2022 13:53

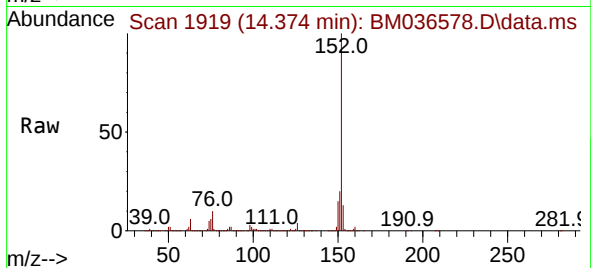
Tgt Ion:165 Resp: 424432
Ion Ratio Lower Upper
165 100
89 64.1 52.8 79.2
121 23.1 19.4 29.0



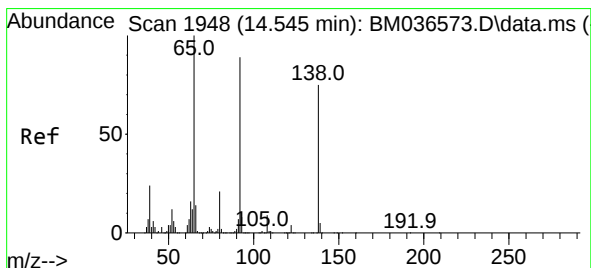
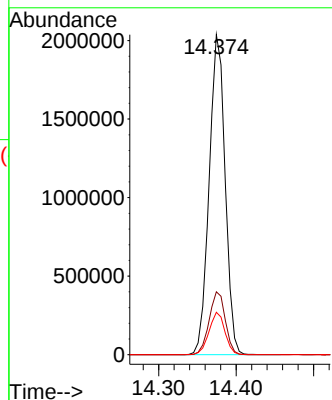
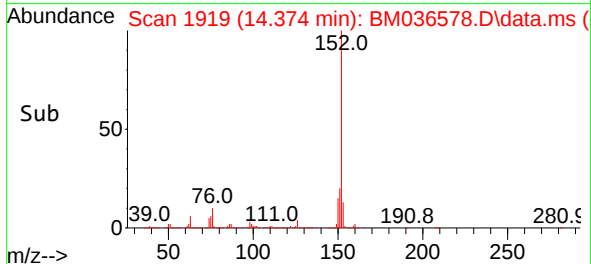


#50
Acenaphthylene
Concen: 33.603 ng/u1
RT: 14.374 min Scan# 1919
Delta R.T. 0.000 min
Lab File: BM036578.D
Acq: 19 Sep 2022 13:53

Instrument :
BNA_M
ClientSampleId :

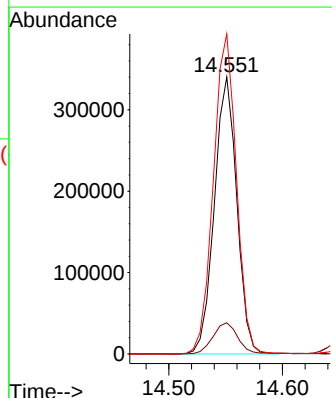
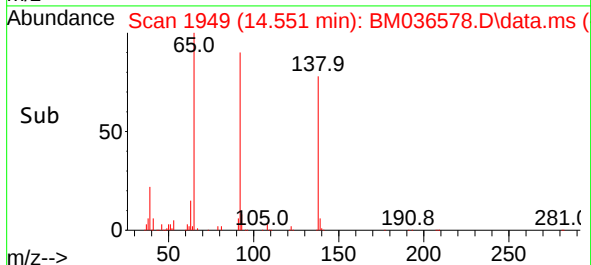
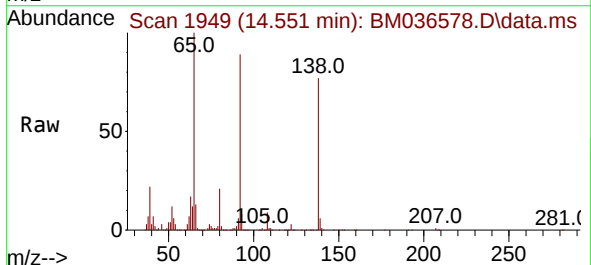


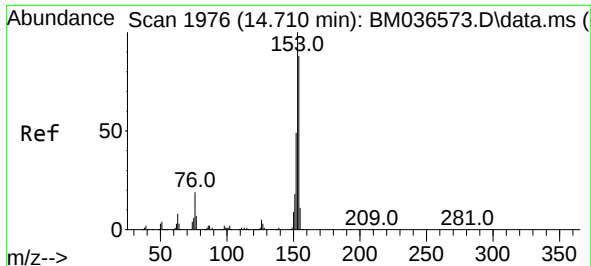
Tgt Ion:152 Resp: 2916650
Ion Ratio Lower Upper
152 100
151 19.7 15.7 23.5
153 13.2 10.5 15.7



#51
3-Nitroaniline
Concen: 35.295 ng/u1
RT: 14.551 min Scan# 1949
Delta R.T. 0.000 min
Lab File: BM036578.D
Acq: 19 Sep 2022 13:53

Tgt Ion:138 Resp: 467248
Ion Ratio Lower Upper
138 100
108 11.3 12.5 18.7#
92 115.5 95.4 143.2

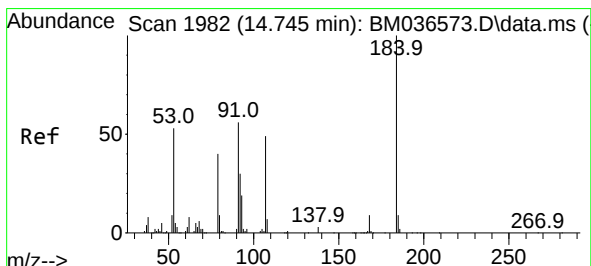
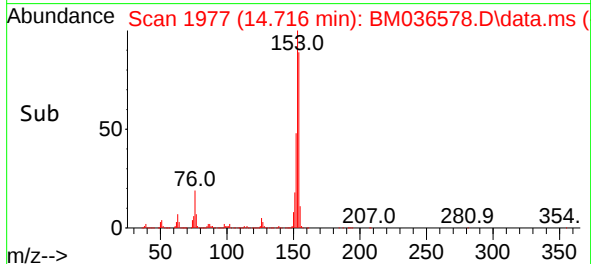
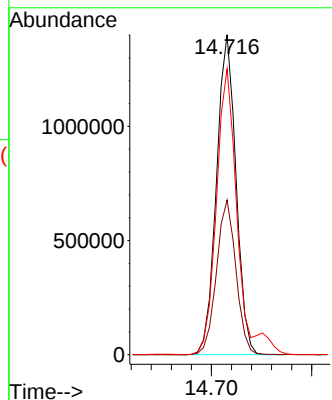
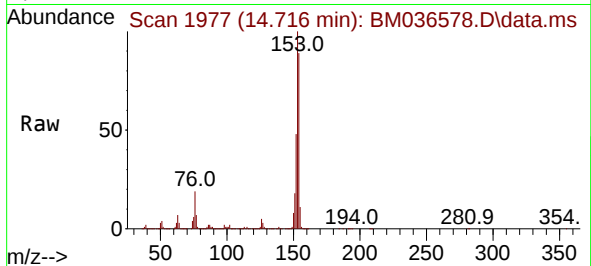




#52
Acenaphthene
Concen: 31.161 ng/ul
RT: 14.716 min Scan# 1976
Delta R.T. 0.000 min
Lab File: BM036578.D
Acq: 19 Sep 2022 13:53

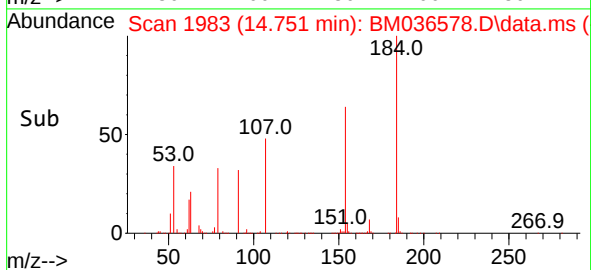
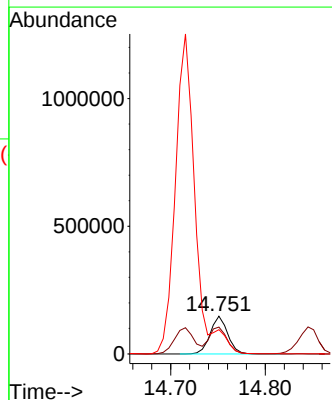
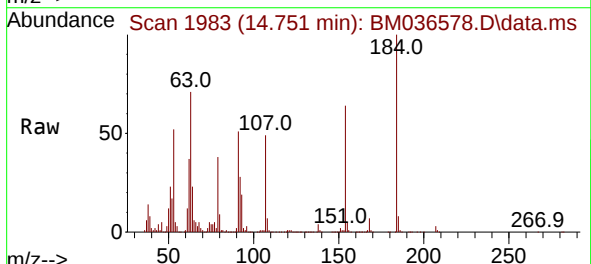
Instrument :
BNA_M
ClientSampleId :

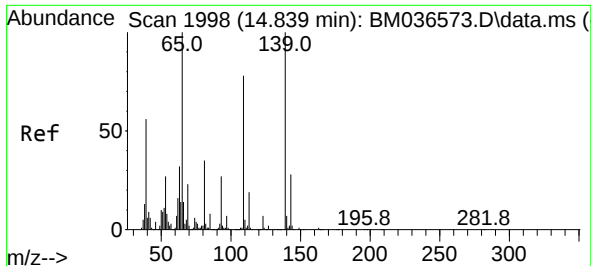
Tgt Ion:153 Resp: 1892421
Ion Ratio Lower Upper
153 100
152 48.3 38.2 57.2
154 89.4 71.0 106.6



#53
2,4-Dinitrophenol
Concen: 38.652 ng/ul
RT: 14.751 min Scan# 1983
Delta R.T. 0.000 min
Lab File: BM036578.D
Acq: 19 Sep 2022 13:53

Tgt Ion:184 Resp: 189309
Ion Ratio Lower Upper
184 100
63 71.2 58.8 88.2
154 64.3 55.0 82.4

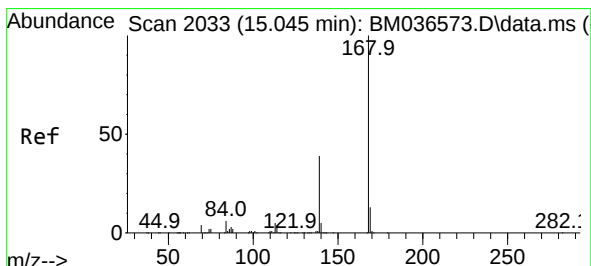
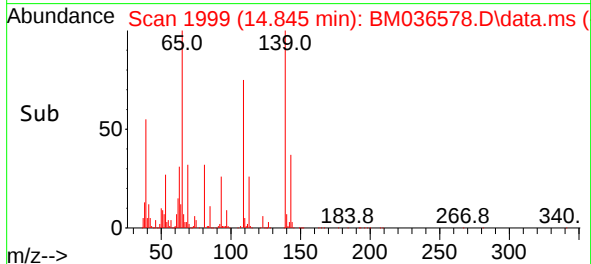
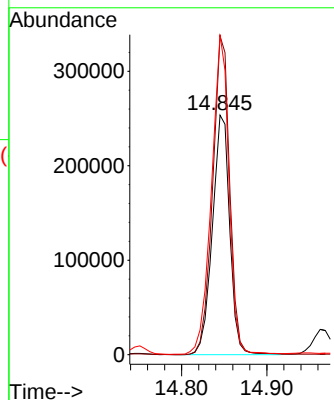
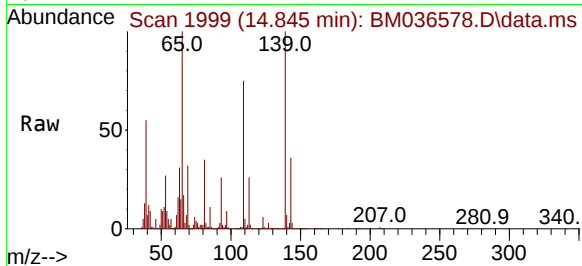




#55
4-Nitrophenol
Concen: 33.783 ng/ul
RT: 14.845 min Scan# 1998
Delta R.T. 0.006 min
Lab File: BM036578.D
Acq: 19 Sep 2022 13:53

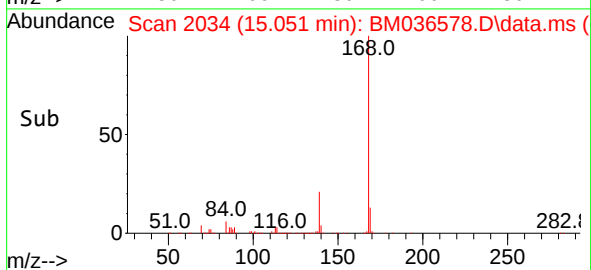
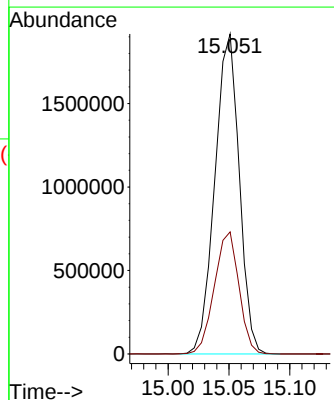
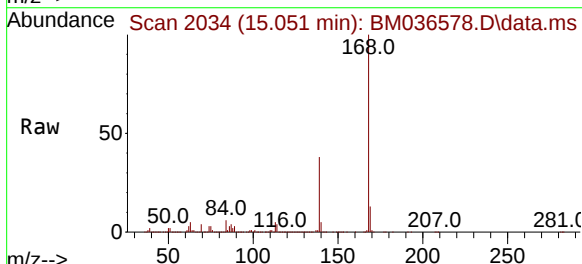
Instrument :
BNA_M
ClientSampleId :

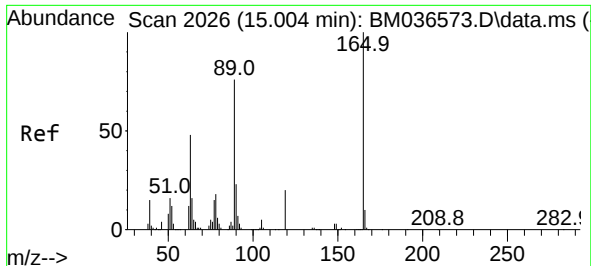
Tgt Ion:109 Resp: 358495
Ion Ratio Lower Upper
109 100
139 133.1 102.2 153.4
65 133.6 105.7 158.5



#56
Dibenzofuran
Concen: 32.727 ng/ul
RT: 15.051 min Scan# 2034
Delta R.T. 0.000 min
Lab File: BM036578.D
Acq: 19 Sep 2022 13:53

Tgt Ion:168 Resp: 2669250
Ion Ratio Lower Upper
168 100
139 38.1 29.7 44.5





#57

2,4-Dinitrotoluene

Concen: 38.827 ng/ul

RT: 15.004 min Scan# 2026

Delta R.T. 0.000 min

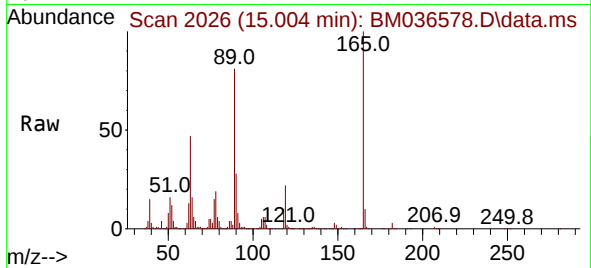
Lab File: BM036578.D

Acq: 19 Sep 2022 13:53

Instrument :

BNA_M

ClientSampleId :



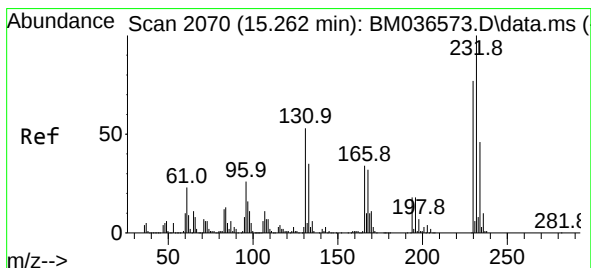
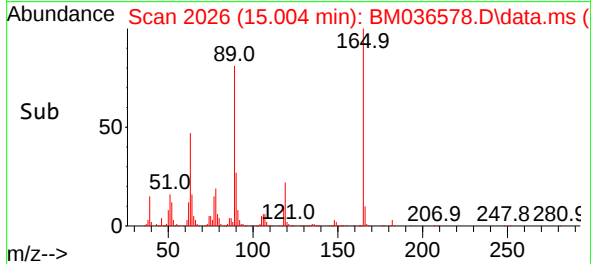
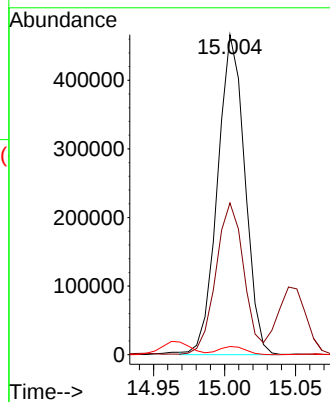
Tgt Ion:165 Resp: 623046

Ion Ratio Lower Upper

165 100

63 47.4 39.7 59.5

182 2.5 2.1 3.1



#58

2,3,4,6-Tetrachlorophenol

Concen: 27.500 ng/ul

RT: 15.269 min Scan# 2071

Delta R.T. 0.000 min

Lab File: BM036578.D

Acq: 19 Sep 2022 13:53

Tgt Ion:232 Resp: 405894

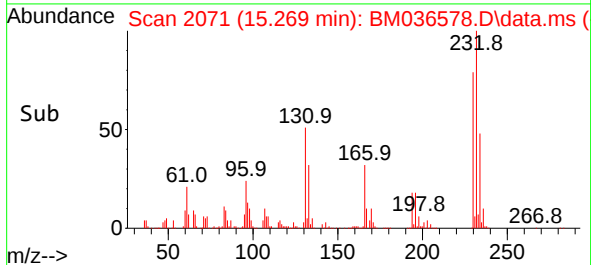
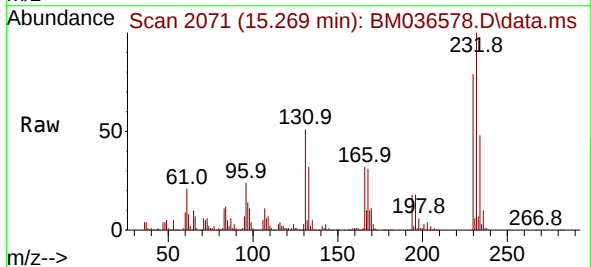
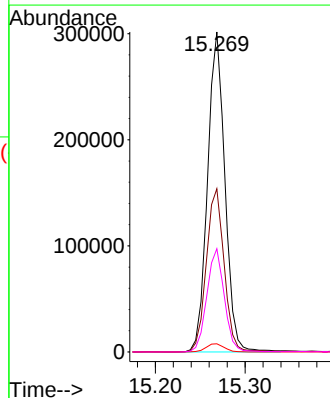
Ion Ratio Lower Upper

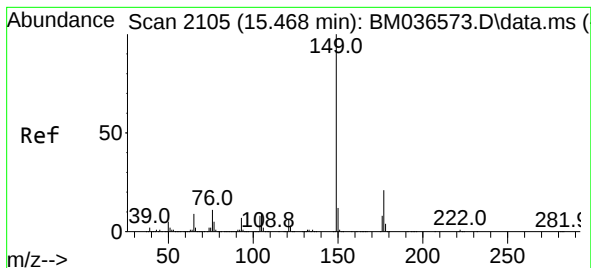
232 100

131 51.0 39.1 58.7

130 2.6 1.8 2.6

166 32.3 25.4 38.0





#59

Diethylphthalate

Concen: 33.425 ng/ul

RT: 15.469 min Scan# 2105

Delta R.T. 0.000 min

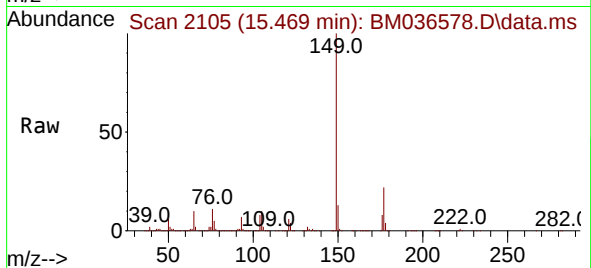
Lab File: BM036578.D

Acq: 19 Sep 2022 13:53

Instrument :

BNA_M

ClientSampleId :



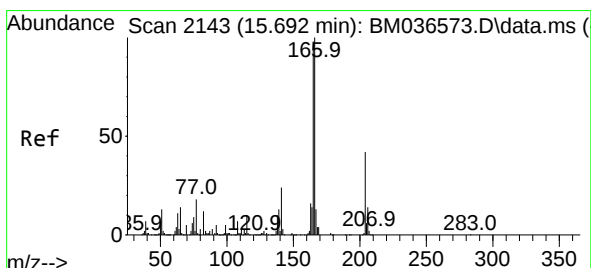
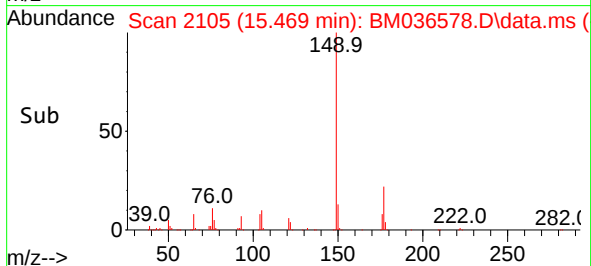
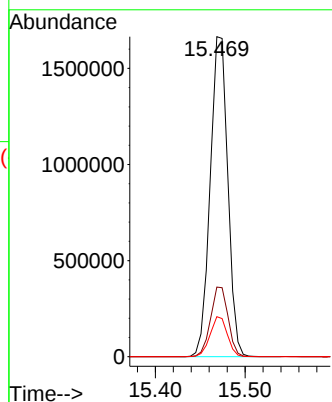
Tgt Ion:149 Resp: 2271673

Ion Ratio Lower Upper

149 100

177 21.8 17.3 25.9

150 12.5 10.1 15.1



#61

Fluorene

Concen: 32.355 ng/ul

RT: 15.692 min Scan# 2143

Delta R.T. -0.006 min

Lab File: BM036578.D

Acq: 19 Sep 2022 13:53

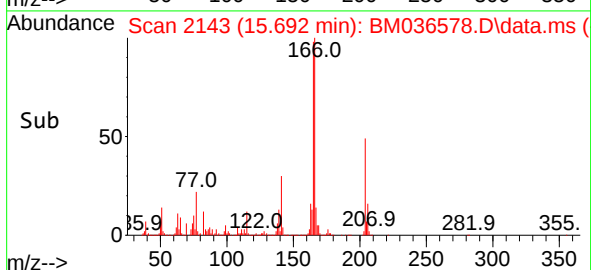
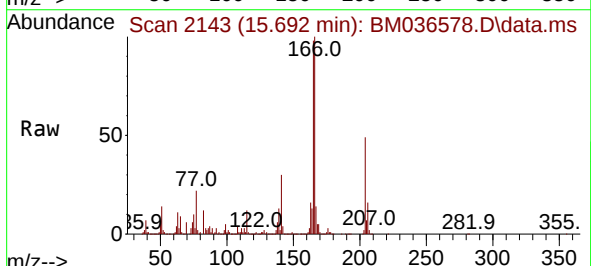
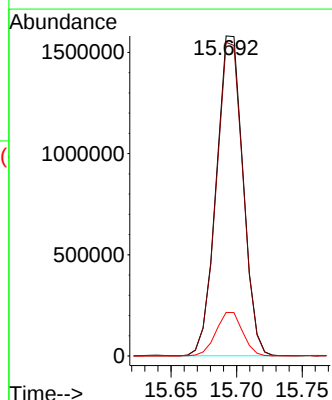
Tgt Ion:166 Resp: 2247530

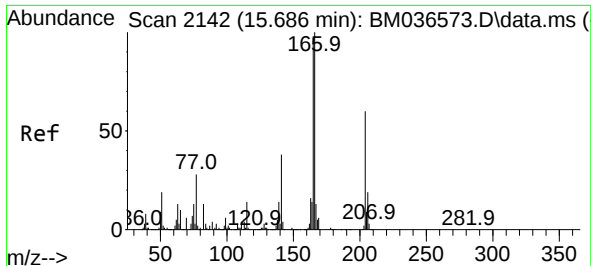
Ion Ratio Lower Upper

166 100

165 98.0 78.5 117.7

167 13.6 10.4 15.6

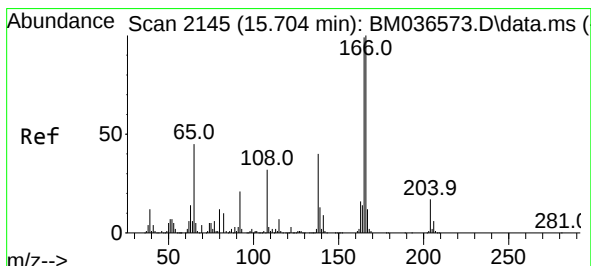
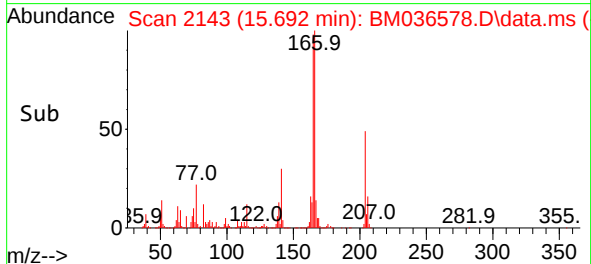
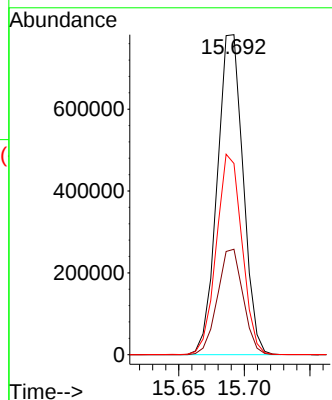
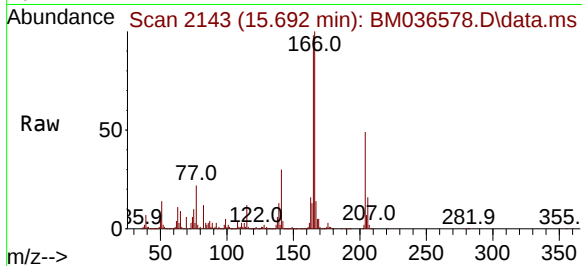




#62
4-Chlorophenyl-phenylether
Concen: 32.368 ng/ul
RT: 15.692 min Scan# 2143
Delta R.T. 0.000 min
Lab File: BM036578.D
Acq: 19 Sep 2022 13:53

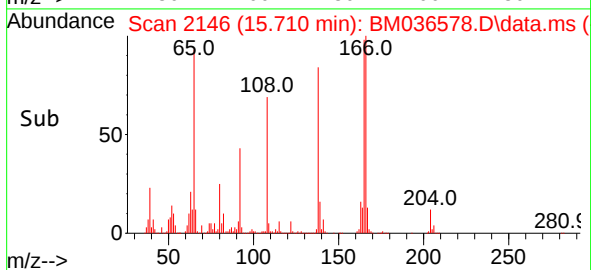
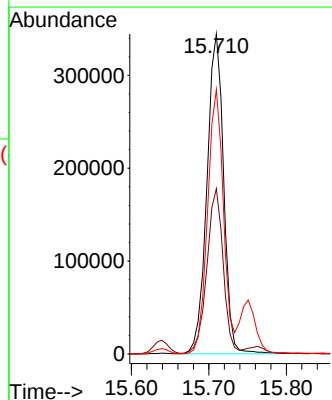
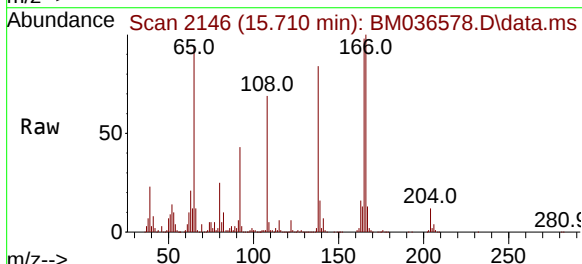
Instrument :
BNA_M
ClientSampleId :

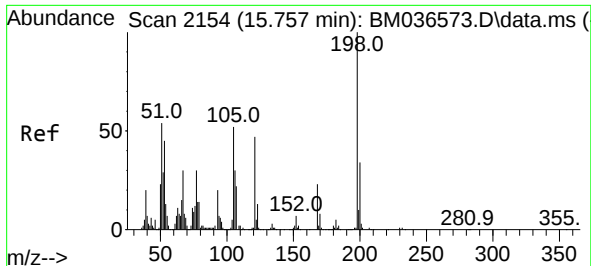
Tgt Ion:204 Resp: 1075295
Ion Ratio Lower Upper
204 100
206 32.9 25.7 38.5
141 59.8 49.4 74.0



#63
4-Nitroaniline
Concen: 40.108 ng/ul
RT: 15.710 min Scan# 2146
Delta R.T. 0.006 min
Lab File: BM036578.D
Acq: 19 Sep 2022 13:53

Tgt Ion:138 Resp: 515870
Ion Ratio Lower Upper
138 100
92 51.7 42.1 63.1
108 82.7 66.2 99.2

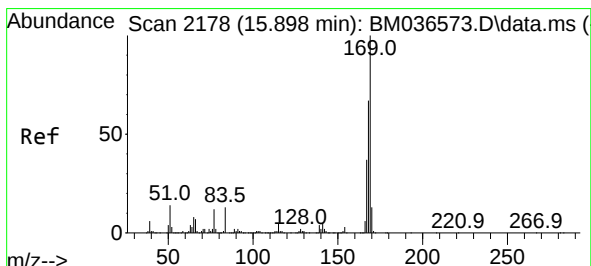
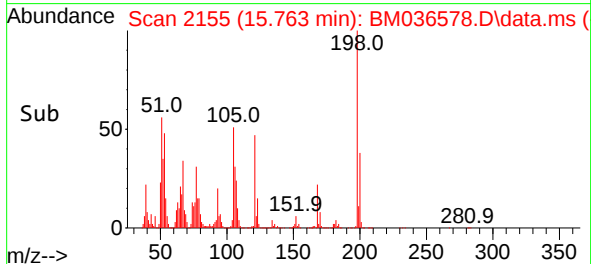
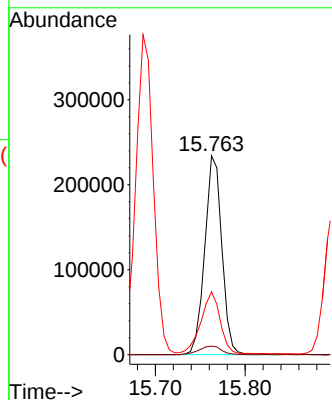
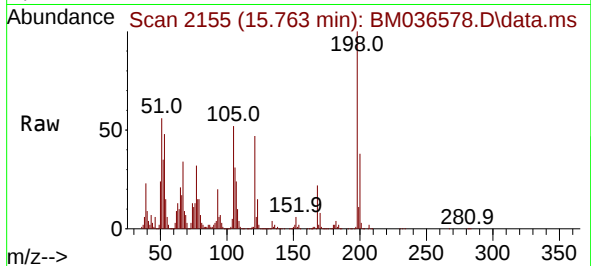




#66
 4,6-Dinitro-2-methylphenol
 Concen: 36.308 ng/ul
 RT: 15.763 min Scan# 2155
 Delta R.T. 0.000 min
 Lab File: BM036578.D
 Acq: 19 Sep 2022 13:53

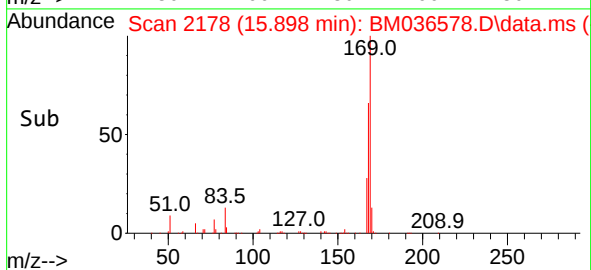
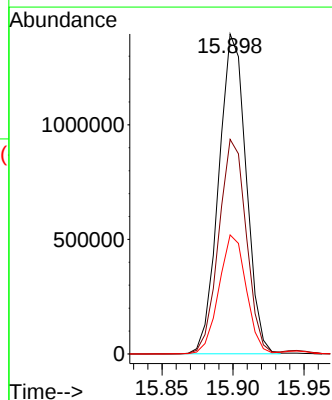
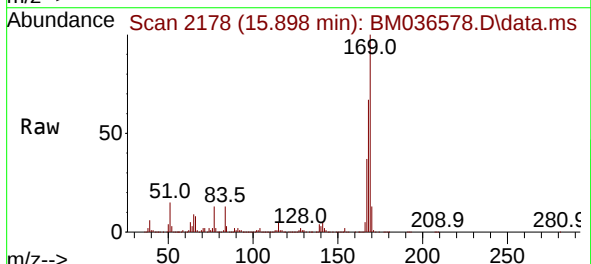
Instrument :
 BNA_M
 ClientSampleId :

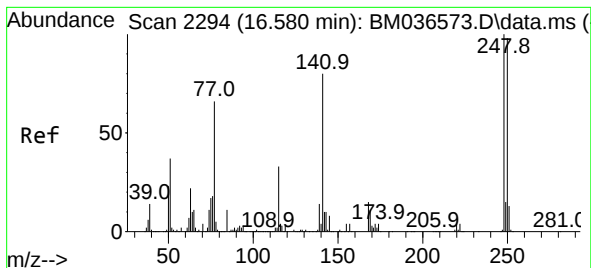
Tgt Ion:198 Resp: 310057
 Ion Ratio Lower Upper
 198 100
 182 4.3 4.2 6.2
 77 31.6 24.0 36.0



#67
 N-Nitrosodiphenylamine
 Concen: 33.311 ng/ul
 RT: 15.898 min Scan# 2178
 Delta R.T. -0.006 min
 Lab File: BM036578.D
 Acq: 19 Sep 2022 13:53

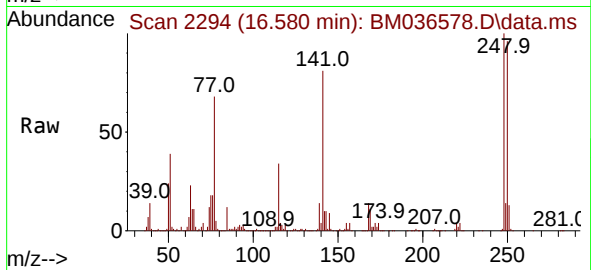
Tgt Ion:169 Resp: 1876543
 Ion Ratio Lower Upper
 169 100
 168 67.1 54.6 81.8
 167 37.2 29.6 44.4



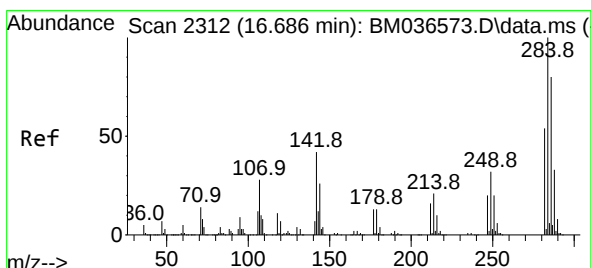
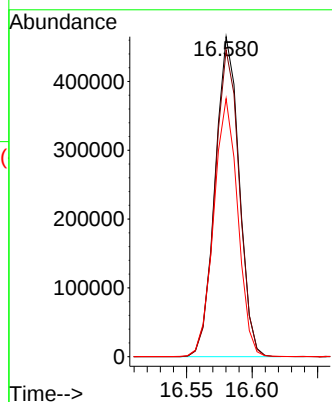
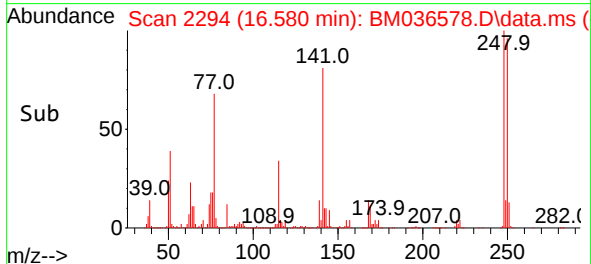


#68
4-Bromophenyl-phenylether
Concen: 31.539 ng/ul
RT: 16.580 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM036578.D
Acq: 19 Sep 2022 13:53

Instrument :
BNA_M
ClientSampleId :

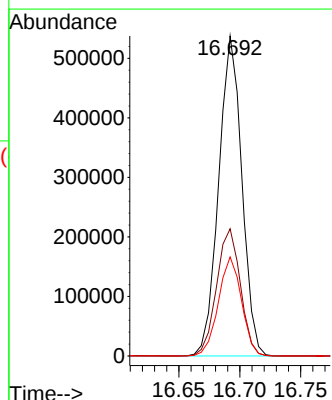
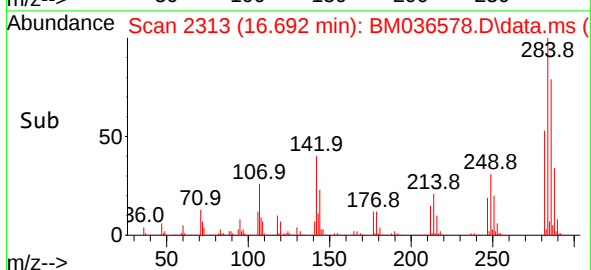
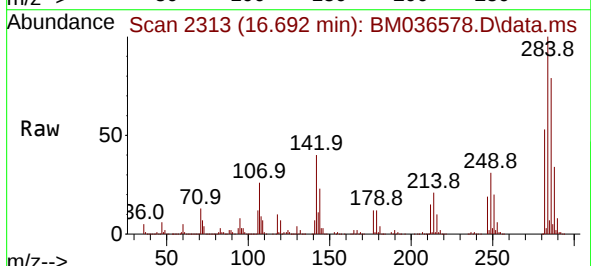


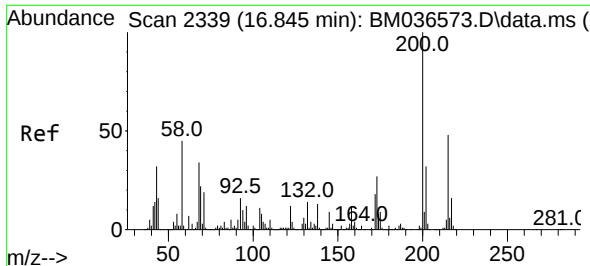
Tgt Ion:248 Resp: 594588
Ion Ratio Lower Upper
248 100
250 95.8 78.9 118.3
141 80.7 65.7 98.5



#69
Hexachlorobenzene
Concen: 31.922 ng/ul
RT: 16.692 min Scan# 2313
Delta R.T. 0.000 min
Lab File: BM036578.D
Acq: 19 Sep 2022 13:53

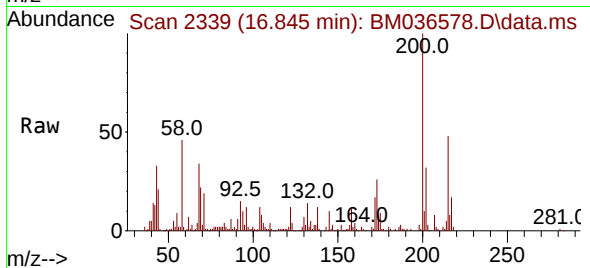
Tgt Ion:284 Resp: 711812
Ion Ratio Lower Upper
284 100
142 39.7 30.8 46.2
249 31.0 24.2 36.2



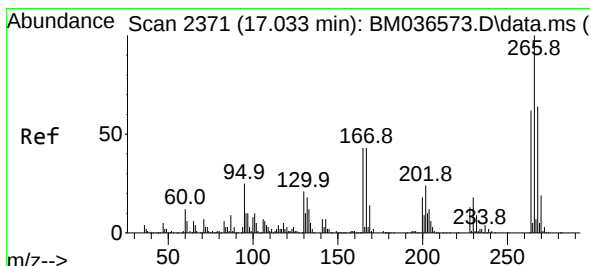
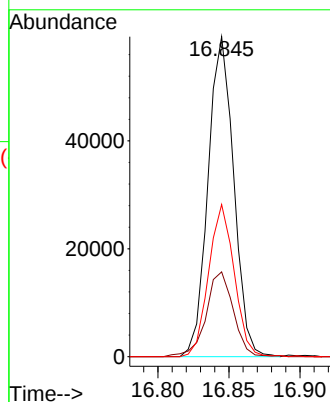
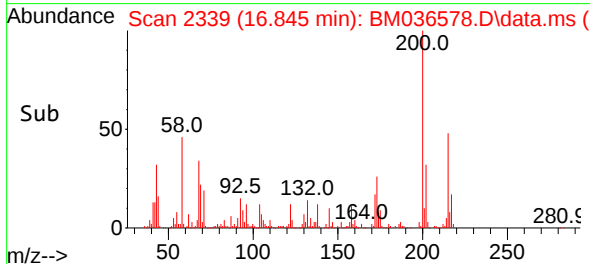


#70
Atrazine
Concen: 3.752 ng/ul
RT: 16.845 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM036578.D
Acq: 19 Sep 2022 13:53

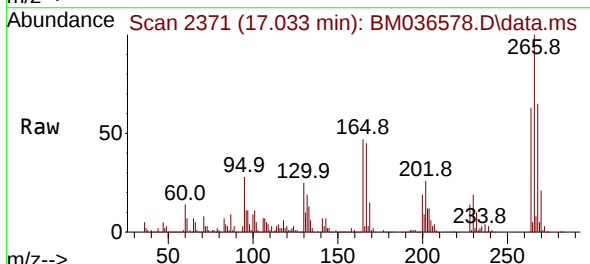
Instrument :
BNA_M
ClientSampleId :



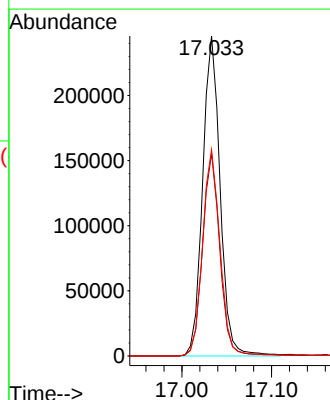
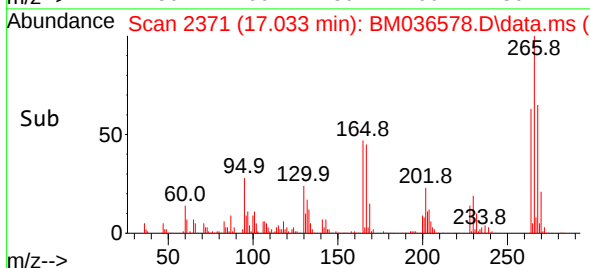
Tgt Ion:200 Resp: 74593
Ion Ratio Lower Upper
200 100
173 26.5 21.8 32.6
215 47.6 39.4 59.2

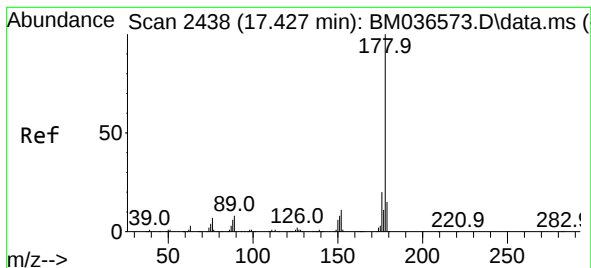


#71
Pentachlorophenol
Concen: 25.141 ng/ul
RT: 17.033 min Scan# 2371
Delta R.T. 0.000 min
Lab File: BM036578.D
Acq: 19 Sep 2022 13:53



Tgt Ion:266 Resp: 332992
Ion Ratio Lower Upper
266 100
264 63.3 49.7 74.5
268 64.5 51.8 77.6





#72

Phenanthrene

Concen: 33.159 ng/ul

RT: 17.427 min Scan# 2438

Delta R.T. -0.006 min

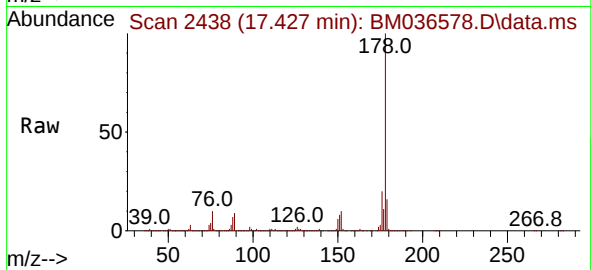
Lab File: BM036578.D

Acq: 19 Sep 2022 13:53

Instrument :

BNA_M

ClientSampleId :



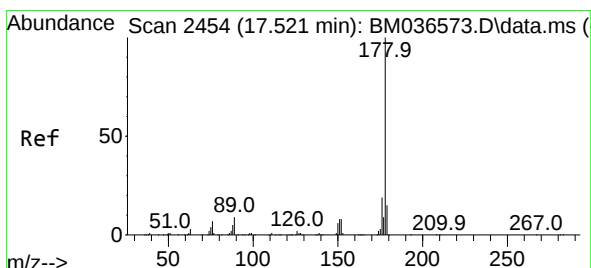
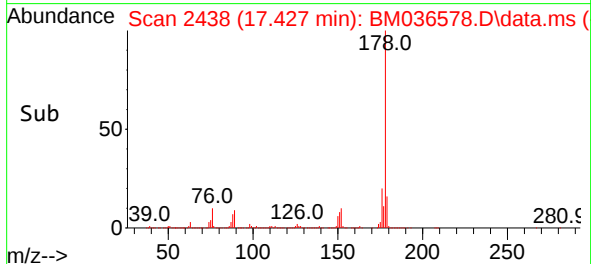
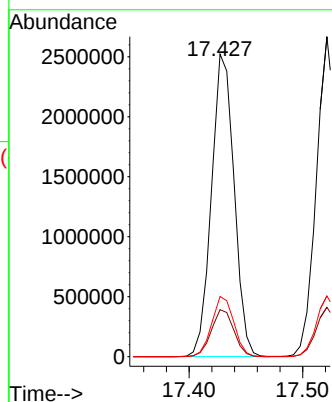
Tgt Ion:178 Resp: 3493491

Ion Ratio Lower Upper

178 100

179 15.6 12.2 18.2

176 19.9 15.7 23.5



#74

Anthracene

Concen: 32.857 ng/ul

RT: 17.521 min Scan# 2454

Delta R.T. 0.000 min

Lab File: BM036578.D

Acq: 19 Sep 2022 13:53

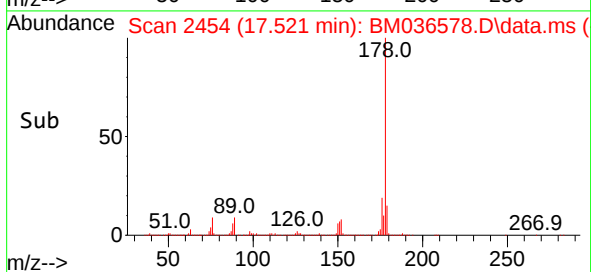
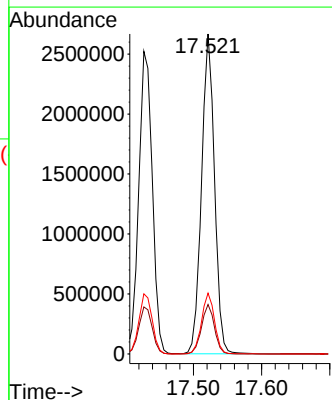
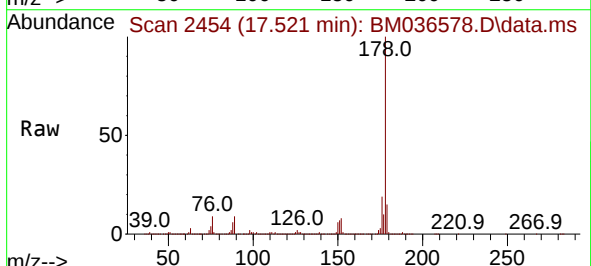
Tgt Ion:178 Resp: 3518543

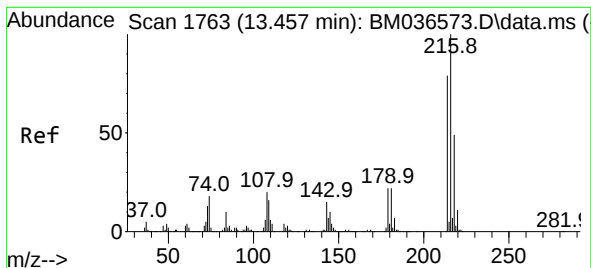
Ion Ratio Lower Upper

178 100

179 15.5 12.3 18.5

176 19.0 15.0 22.6

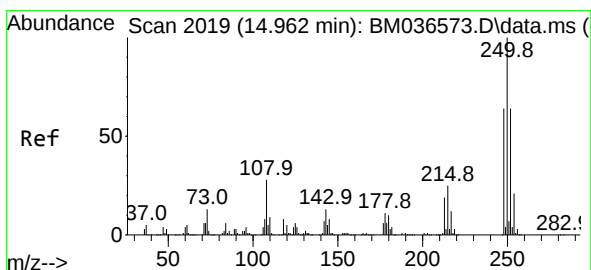
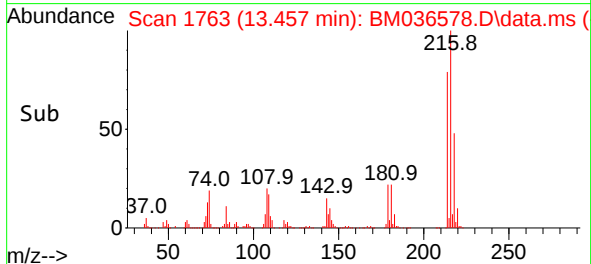
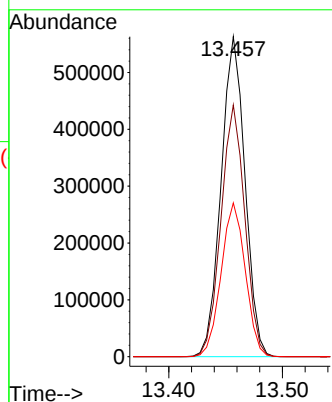
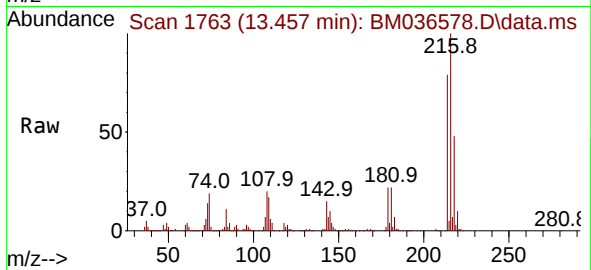




#75
1,2,3,4-Tetrachlorobenzene
Concen: 31.532 ng/uL
RT: 13.457 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM036578.D
Acq: 19 Sep 2022 13:53

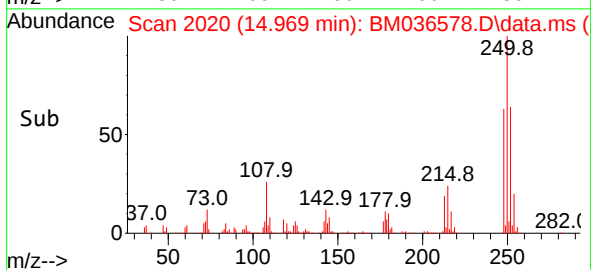
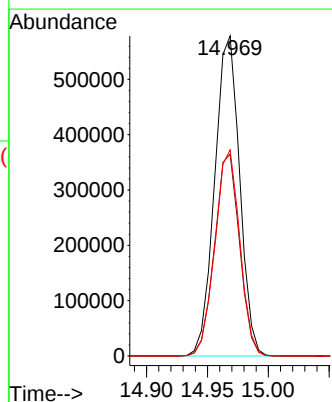
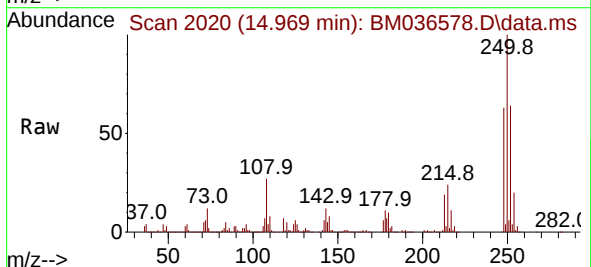
Instrument :
BNA_M
ClientSampleId :

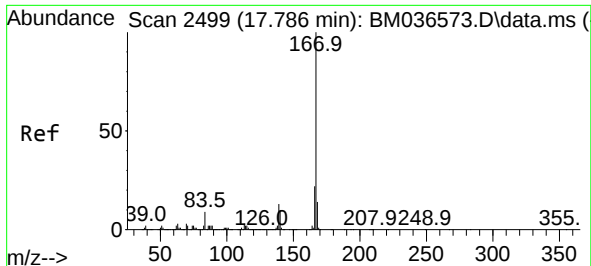
Tgt Ion:216 Resp: 824906
Ion Ratio Lower Upper
216 100
214 78.7 62.6 94.0
218 48.0 38.2 57.2



#76
Pentachlorobenzene
Concen: 29.160 ng/uL
RT: 14.969 min Scan# 2020
Delta R.T. 0.000 min
Lab File: BM036578.D
Acq: 19 Sep 2022 13:53

Tgt Ion:250 Resp: 825079
Ion Ratio Lower Upper
250 100
248 63.1 50.2 75.2
252 64.4 50.5 75.7

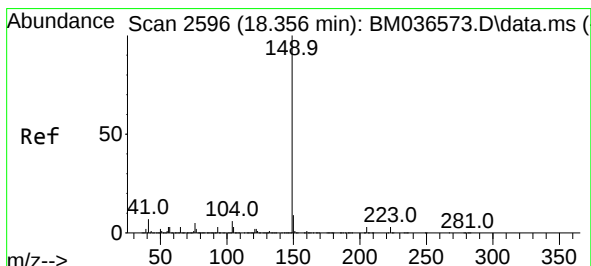
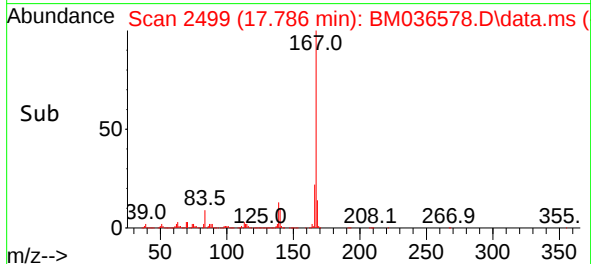
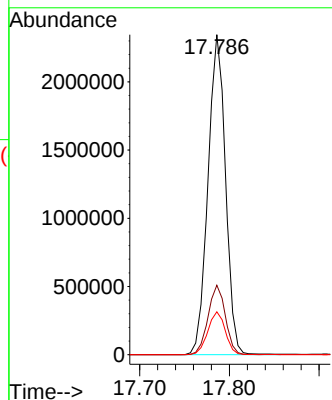
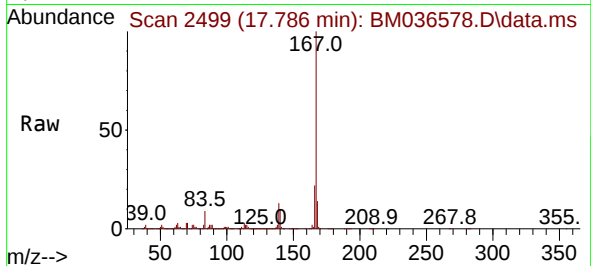




#77
 Carbazole
 Concen: 32.058 ng/ul
 RT: 17.786 min Scan# 2499
 Delta R.T. 0.000 min
 Lab File: BM036578.D
 Acq: 19 Sep 2022 13:53

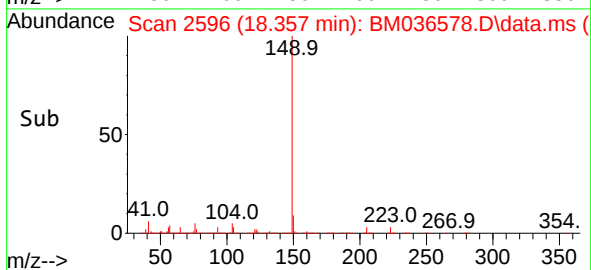
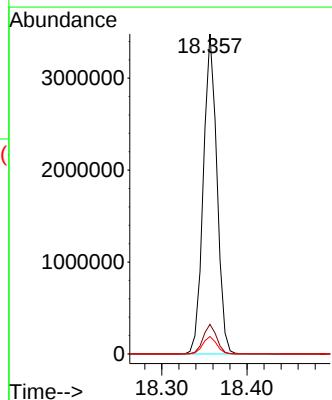
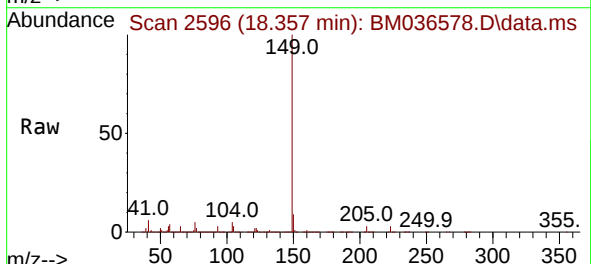
Instrument :
 BNA_M
 ClientSampleId :

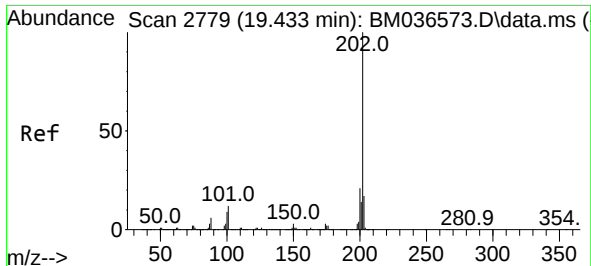
Tgt Ion:167 Resp: 3178402
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.2 25.8
 139 13.4 10.6 15.8



#78
 Di-n-butylphthalate
 Concen: 34.299 ng/ul
 RT: 18.357 min Scan# 2596
 Delta R.T. -0.006 min
 Lab File: BM036578.D
 Acq: 19 Sep 2022 13:53

Tgt Ion:149 Resp: 3854318
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.2 10.8
 104 5.4 4.3 6.5

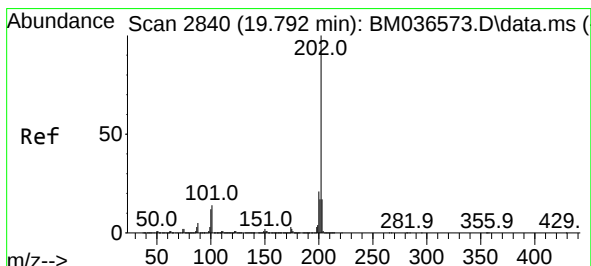
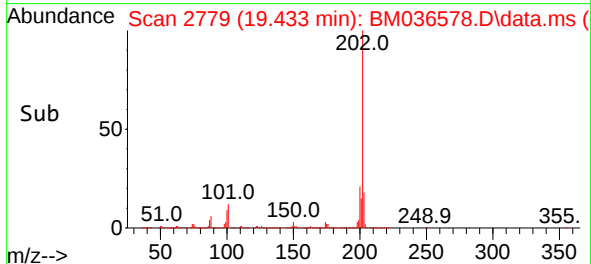
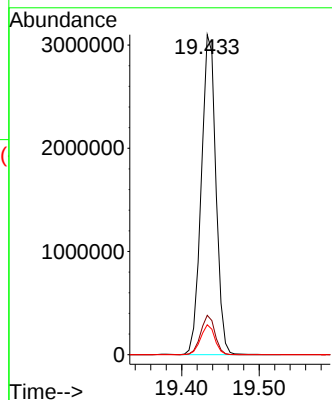
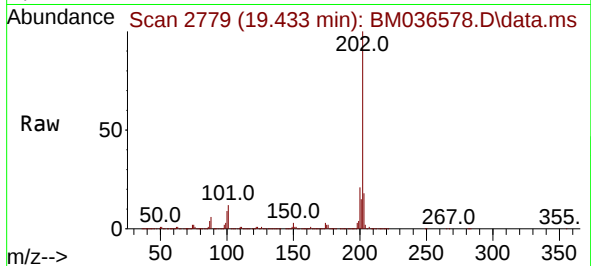




#80
Fluoranthene
Concen: 36.363 ng/ul
RT: 19.433 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM036578.D
Acq: 19 Sep 2022 13:53

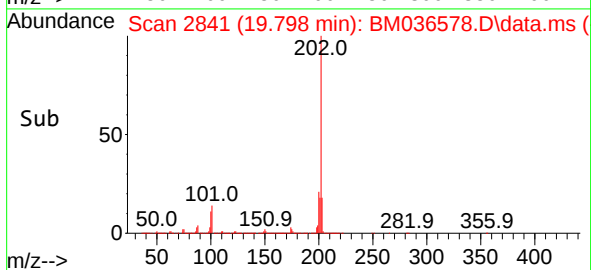
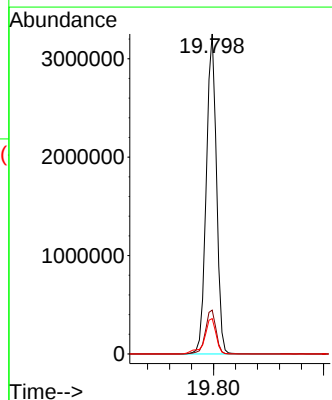
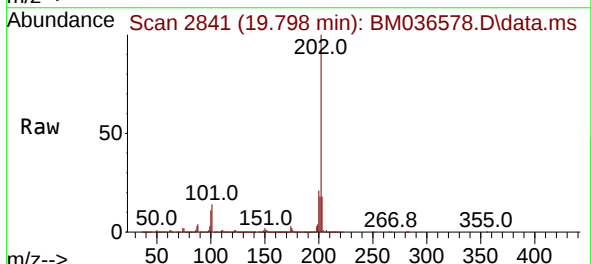
Instrument :
BNA_M
ClientSampleId :

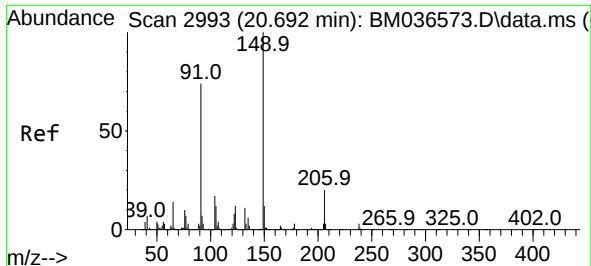
Tgt Ion:202 Resp: 4055504
Ion Ratio Lower Upper
202 100
101 12.3 9.8 14.6
100 9.4 7.4 11.2



#82
Pyrene
Concen: 35.298 ng/ul
RT: 19.798 min Scan# 2841
Delta R.T. 0.000 min
Lab File: BM036578.D
Acq: 19 Sep 2022 13:53

Tgt Ion:202 Resp: 4167079
Ion Ratio Lower Upper
202 100
101 13.7 10.9 16.3
100 11.0 8.7 13.1

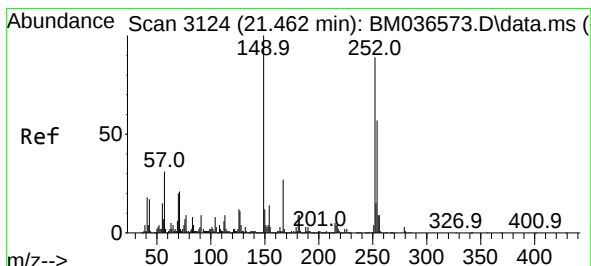
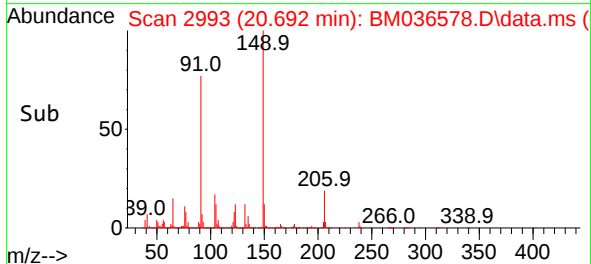
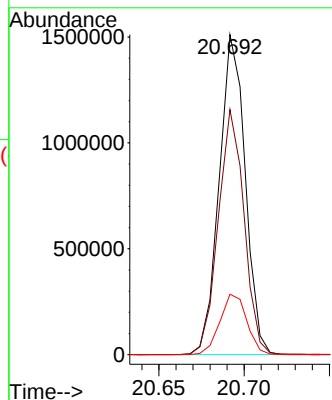
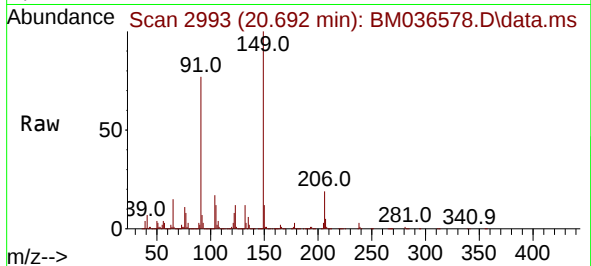




#83
Butylbenzylphthalate
Concen: 35.792 ng/ul
RT: 20.692 min Scan# 2993
Delta R.T. -0.006 min
Lab File: BM036578.D
Acq: 19 Sep 2022 13:53

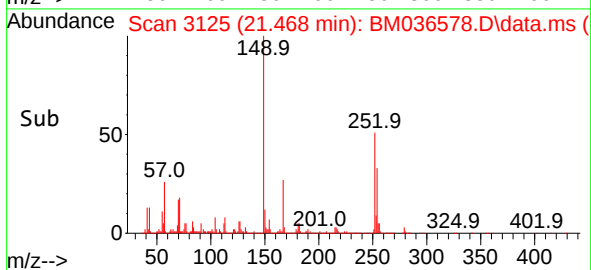
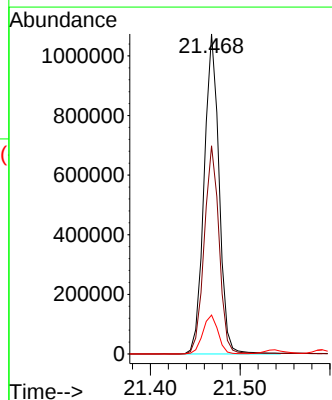
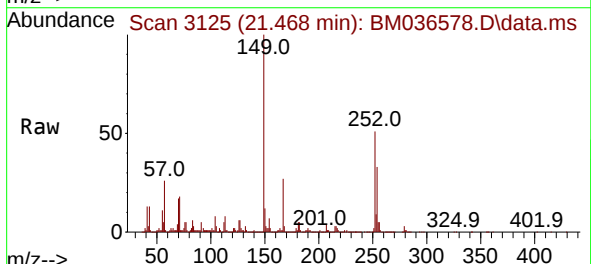
Instrument :
BNA_M
ClientSampleId :

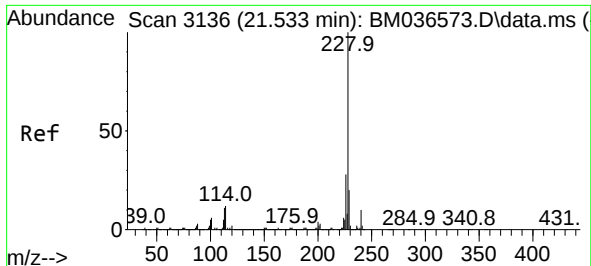
Tgt Ion:149 Resp: 1601118
Ion Ratio Lower Upper
149 100
91 76.6 55.2 82.8
206 18.9 16.2 24.2



#84
3,3'-Dichlorobenzidine
Concen: 34.373 ng/ul
RT: 21.468 min Scan# 3125
Delta R.T. 0.000 min
Lab File: BM036578.D
Acq: 19 Sep 2022 13:53

Tgt Ion:252 Resp: 1242509
Ion Ratio Lower Upper
252 100
254 65.0 53.0 79.4
126 12.2 10.4 15.6

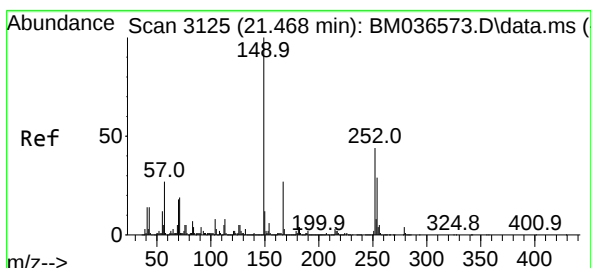
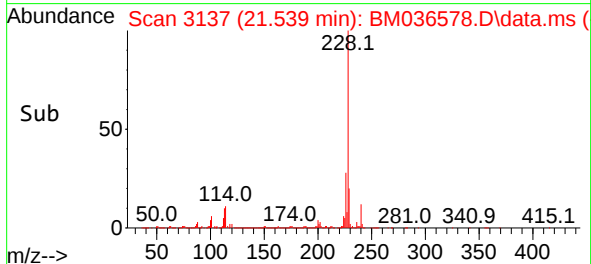
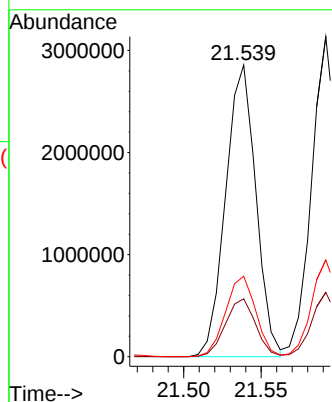
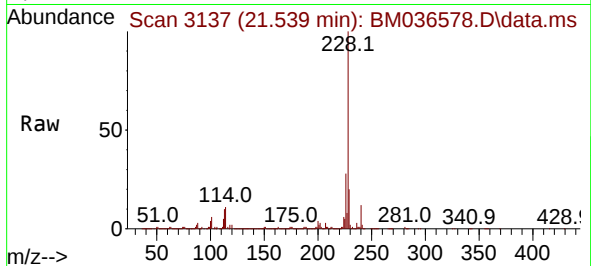




#85
Benzo(a)anthracene
Concen: 33.485 ng/ul
RT: 21.539 min Scan# 3136
Delta R.T. 0.000 min
Lab File: BM036578.D
Acq: 19 Sep 2022 13:53

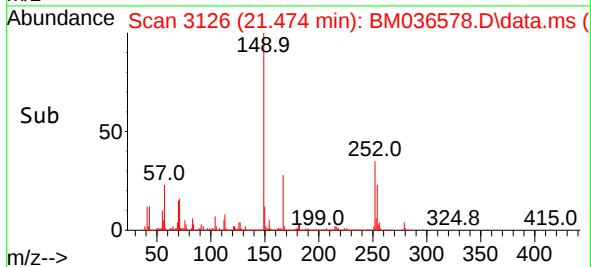
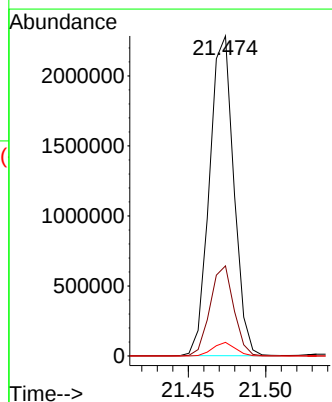
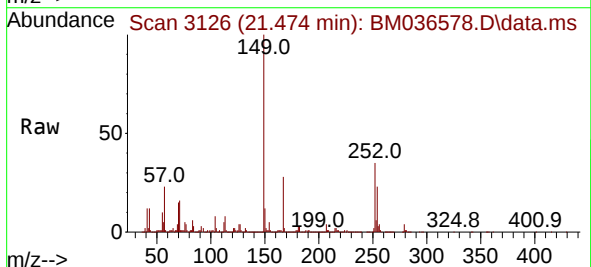
Instrument :
BNA_M
ClientSampleId :

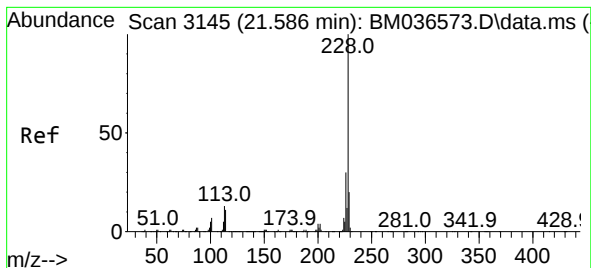
Tgt Ion:228 Resp: 3881359
Ion Ratio Lower Upper
228 100
229 19.8 15.8 23.8
226 27.6 21.9 32.9



#86
Bis(2-ethylhexyl)phthalate
Concen: 38.085 ng/ul
RT: 21.474 min Scan# 3126
Delta R.T. -0.006 min
Lab File: BM036578.D
Acq: 19 Sep 2022 13:53

Tgt Ion:149 Resp: 2488679
Ion Ratio Lower Upper
149 100
167 28.2 22.0 33.0
279 4.2 3.3 4.9





#87

Chrysene

Concen: 34.625 ng/ul

RT: 21.592 min Scan# 3145

Delta R.T. 0.000 min

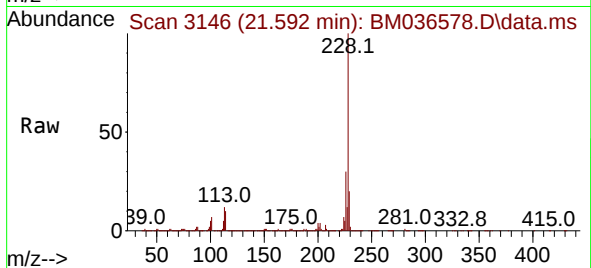
Lab File: BM036578.D

Acq: 19 Sep 2022 13:53

Instrument :

BNA_M

ClientSampleId :



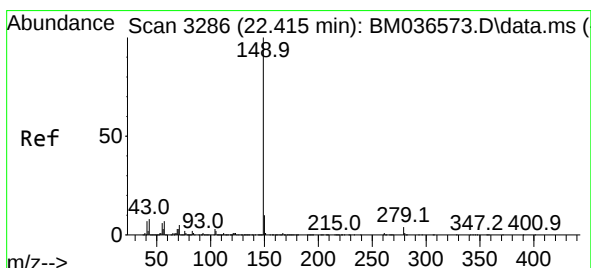
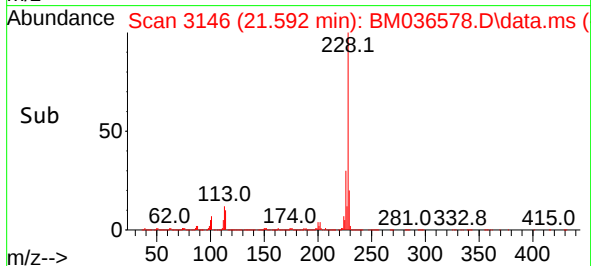
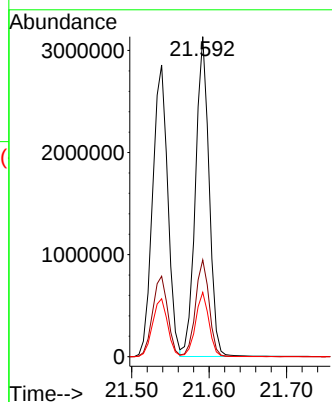
Tgt Ion:228 Resp: 3809489

Ion Ratio Lower Upper

228 100

226 30.3 24.4 36.6

229 20.1 15.6 23.4



#89

Di-n-octyl phthalate

Concen: 39.052 ng/ul

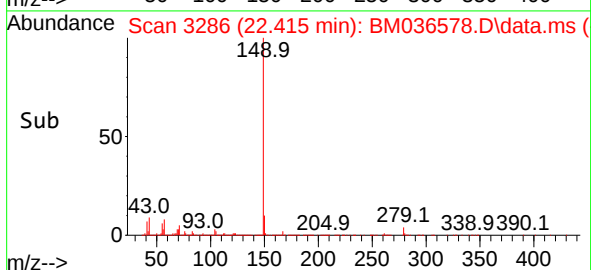
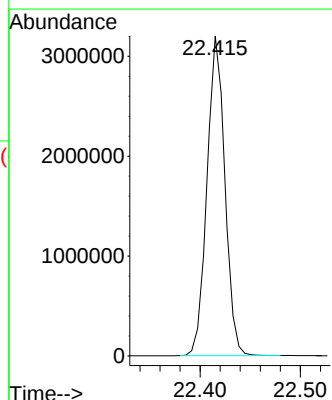
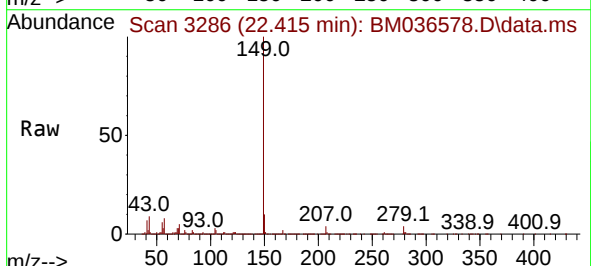
RT: 22.415 min Scan# 3286

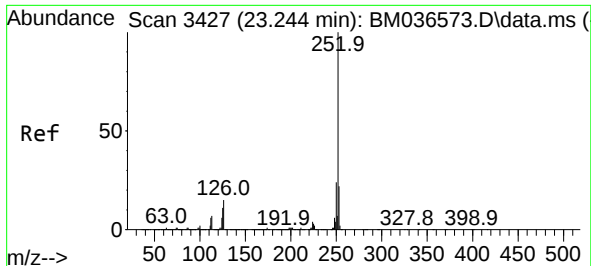
Delta R.T. -0.006 min

Lab File: BM036578.D

Acq: 19 Sep 2022 13:53

Tgt Ion:149 Resp: 3966880

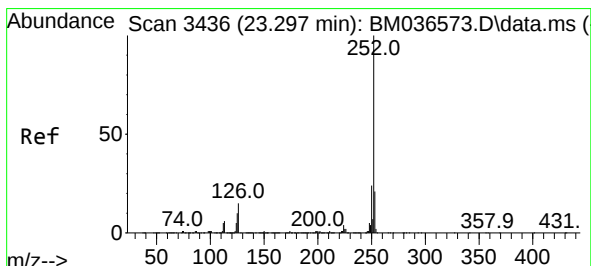
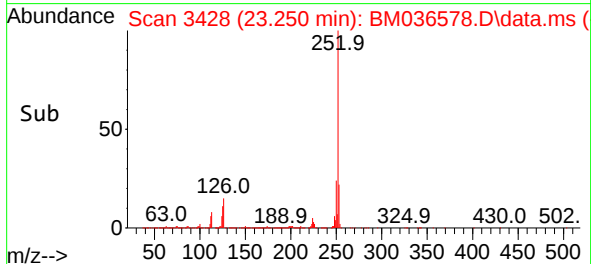
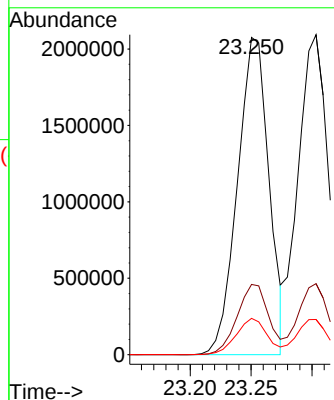
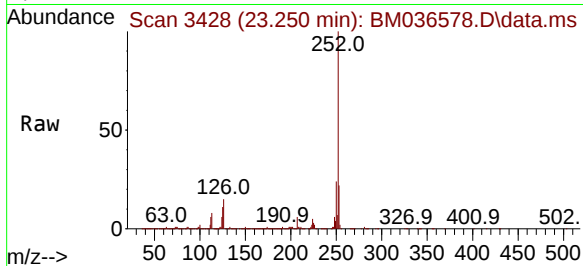




#90
Benzo(b)fluoranthene
Concen: 34.943 ng/ul
RT: 23.250 min Scan# 3427
Delta R.T. 0.000 min
Lab File: BM036578.D
Acq: 19 Sep 2022 13:53

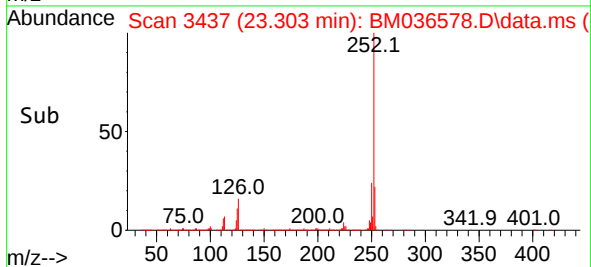
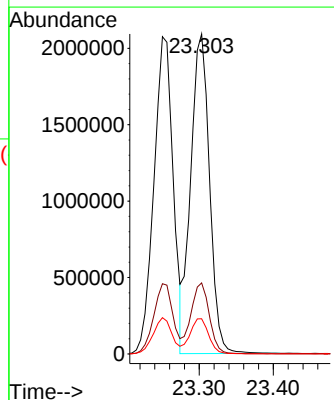
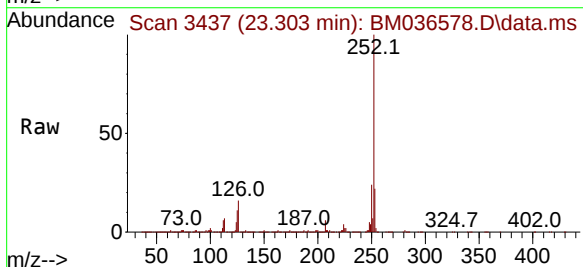
Instrument :
BNA_M
ClientSampleId :

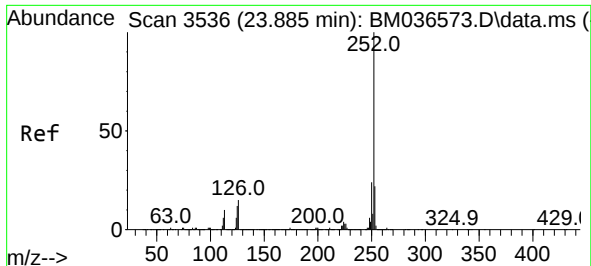
Tgt Ion:252 Resp: 3733557
Ion Ratio Lower Upper
252 100
253 22.2 17.6 26.4
125 11.4 9.1 13.7



#91
Benzo(k)fluoranthene
Concen: 34.531 ng/ul
RT: 23.303 min Scan# 3437
Delta R.T. 0.000 min
Lab File: BM036578.D
Acq: 19 Sep 2022 13:53

Tgt Ion:252 Resp: 3686644
Ion Ratio Lower Upper
252 100
253 22.2 17.8 26.8
125 11.0 8.2 12.4

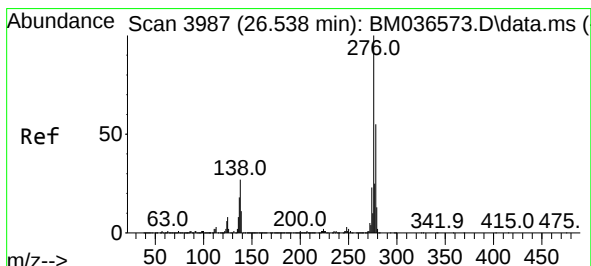
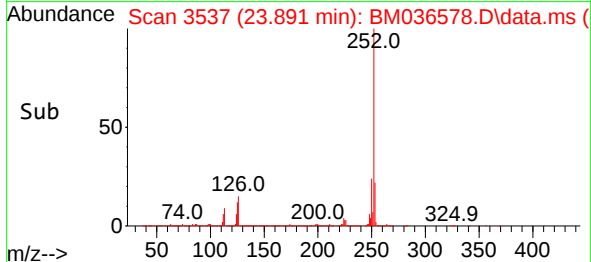
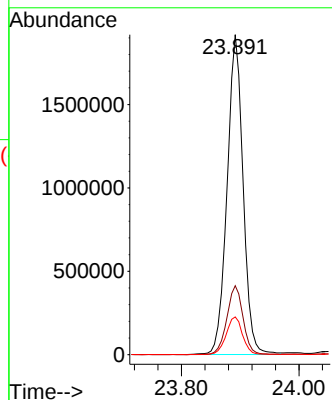
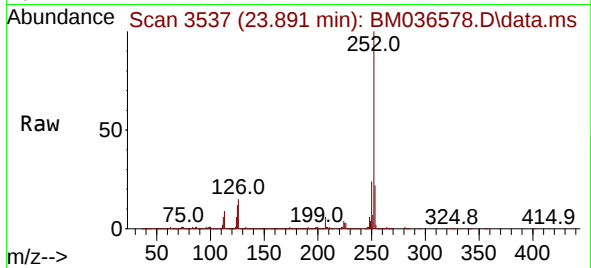




#93
Benzo(a)pyrene
Concen: 38.590 ng/u1
RT: 23.891 min Scan# 3
Delta R.T. 0.000 min
Lab File: BM036578.D
Acq: 19 Sep 2022 13:53

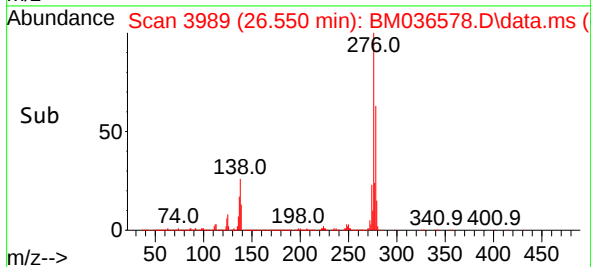
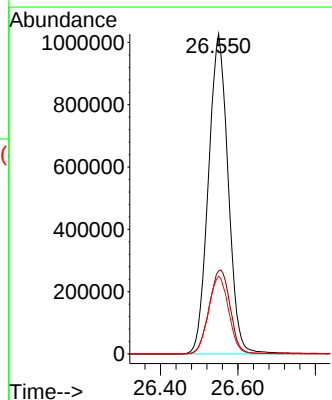
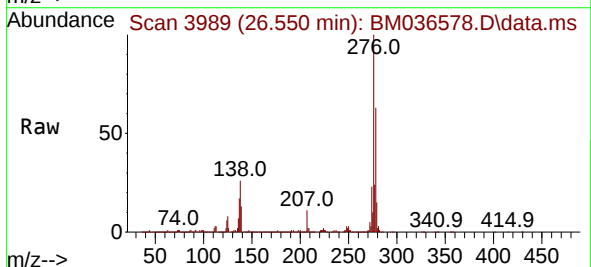
Instrument :
BNA_M
ClientSampleId :

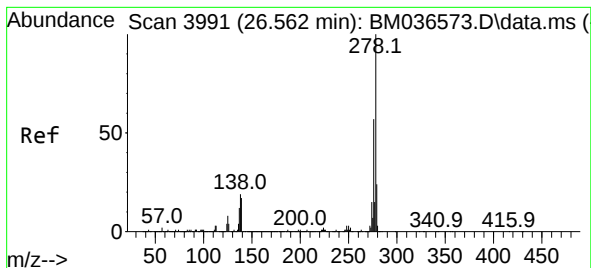
Tgt Ion:252 Resp: 3624785
Ion Ratio Lower Upper
252 100
253 21.6 17.5 26.3
125 11.8 9.5 14.3



#94
Indeno(1,2,3-cd)pyrene
Concen: 33.002 ng/u1
RT: 26.550 min Scan# 3989
Delta R.T. 0.000 min
Lab File: BM036578.D
Acq: 19 Sep 2022 13:53

Tgt Ion:276 Resp: 3619967
Ion Ratio Lower Upper
276 100
138 25.9 20.2 30.4
277 24.3 19.7 29.5





#95

Dibenzo(a,h)anthracene

Concen: 31.633 ng/ul

RT: 26.568 min Scan# 3991

Delta R.T. -0.006 min

Lab File: BM036578.D

Acq: 19 Sep 2022 13:53

Instrument :

BNA_M

ClientSampleId :

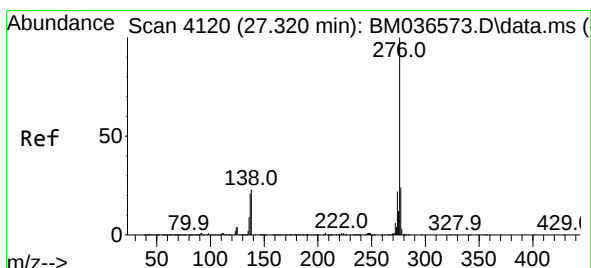
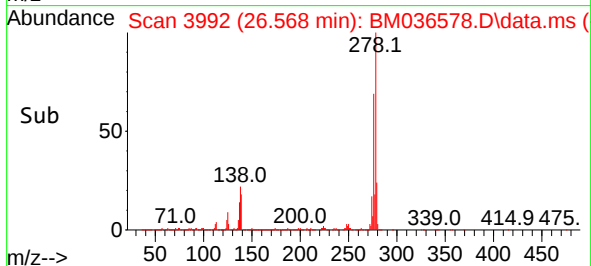
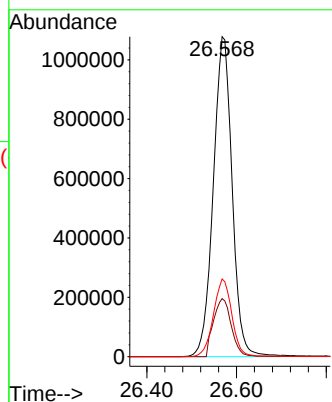
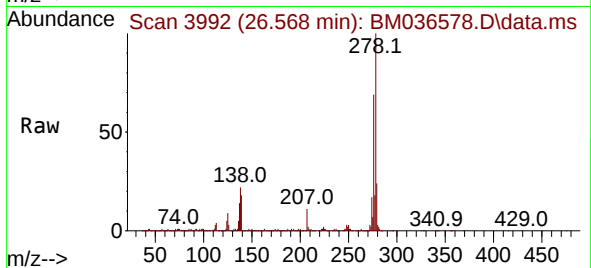
Tgt Ion:278 Resp: 3146767

Ion Ratio Lower Upper

278 100

139 18.1 14.5 21.7

279 24.3 19.7 29.5



#96

Benzo(g,h,i)perylene

Concen: 30.645 ng/ul

RT: 27.332 min Scan# 4122

Delta R.T. 0.000 min

Lab File: BM036578.D

Acq: 19 Sep 2022 13:53

Tgt Ion:276 Resp: 2914131

Ion Ratio Lower Upper

276 100

138 24.2 18.7 28.1

277 23.6 19.2 28.8

