

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092122\
 Data File : BM036631.D
 Acq On : 21 Sep 2022 18:48
 Operator : CG/JU
 Sample : PB147714BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Sep 21 22:51:38 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	325752	20.000	ng/u1	0.00
20) Naphthalene-d8	10.839	136	1490959	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.651	164	970251	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.386	188	1988625	20.000	ng/u1	0.00
79) Chrysene-d12	21.550	240	1847275	20.000	ng/u1	0.00
88) Perylene-d12	23.997	264	1565566	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.393	96	42443	4.884	ng/uL	0.00
4) Pyridine-d5	3.822	84	434839	17.158	ng/u1	0.00
7) Phenol-d5	7.181	99	896109	30.783	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.351	67	527591	29.843	ng/u1	0.00
11) 2-Chlorophenol-d4	7.551	132	703442	33.564	ng/u1	0.00
15) 4-Methylphenol-d8	8.734	113	724411	33.678	ng/u1	0.00
21) Nitrobenzene-d5	9.192	128	354698	35.148	ng/u1	0.00
24) 2-Nitrophenol-d4	9.916	143	373735	41.346	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.457	165	698206	33.330	ng/u1	0.00
31) 4-Chloroaniline-d4	10.969	131	997372	28.636	ng/u1	0.00
46) Dimethylphthalate-d6	14.063	166	2120607	32.406	ng/u1	0.00
49) Acenaphthylene-d8	14.345	160	2539211	32.713	ng/u1	0.00
54) 4-Nitrophenol-d4	14.839	143	427822	33.707	ng/u1	0.01
60) Fluorene-d10	15.633	176	1851869	31.579	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.751	200	304784	38.738	ng/u1	0.00
73) Anthracene-d10	17.486	188	2837101	31.203	ng/u1	0.00
81) Pyrene-d10	19.762	212	3236648	35.615	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.839	264	2578663	33.714	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.428	88	88955	9.503	ng/uL	98
5) Pyridine	3.840	79	615575	24.177	ng/u1	93
6) Benzaldehyde	7.157	77	567306	40.244	ng/u1	95
8) Phenol	7.210	94	924254	29.582	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.445	93	706407	29.059	ng/u1	98
12) 2-Chlorophenol	7.587	128	714301	31.507	ng/u1	97
13) 2-Methylphenol	8.469	108	693054	30.179	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.563	45	812049	28.185	ng/u1	97
16) Acetophenone	8.851	105	1130283	30.295	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.839	70	561809	31.207	ng/u1	94
18) 4-Methylphenol	8.798	108	772625	31.112	ng/u1	99
19) Hexachloroethane	9.110	117	279999	30.491	ng/u1	96
22) Nitrobenzene	9.234	77	826995	30.865	ng/u1	96
23) Isophorone	9.763	82	1614639	29.555	ng/u1	99
25) 2-Nitrophenol	9.945	139	399406	35.774	ng/u1	97
26) 2,4-Dimethylphenol	10.004	107	801681	29.113	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.245	93	962823	29.569	ng/u1	99
29) 2,4-Dichlorophenol	10.481	162	693348	31.483	ng/u1	100
30) Naphthalene	10.886	128	2356856	29.017	ng/u1	100
32) 4-Chloroaniline	10.998	127	818199	22.754	ng/u1	99
33) Hexachlorobutadiene	11.175	225	391775	29.087	ng/u1	100
34) Caprolactam	11.780	113	170029	23.801	ng/u1	93
35) 4-Chloro-3-methylphenol	12.116	107	780235	32.095	ng/u1	98
36) 2-Methylnaphthalene	12.486	142	1608389	29.721	ng/u1	100

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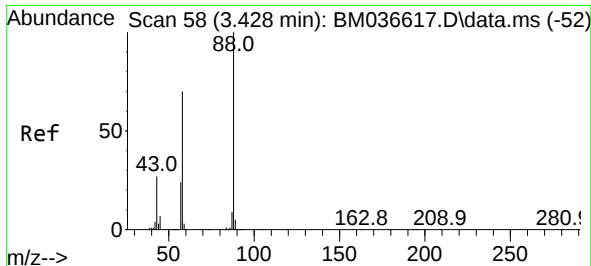
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.704	142	1637367	30.097	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.851	216	785605	28.607	ng/ul	99
40) Hexachlorocyclopentadiene	12.833	237	310299	21.681	ng/ul	100
41) 2,4,6-Trichlorophenol	13.092	196	530024	31.521	ng/ul	100
42) 2,4,5-Trichlorophenol	13.163	196	586092	32.511	ng/ul	99
43) 1,1'-Biphenyl	13.492	154	2083064	29.124	ng/ul	98
44) 2-Chloronaphthalene	13.533	162	1643166	29.278	ng/ul	98
45) 2-Nitroaniline	13.733	65	492990	35.687	ng/ul	93
47) Dimethylphthalate	14.110	163	2087486	30.073	ng/ul	100
48) 2,6-Dinitrotoluene	14.227	165	414423	36.722	ng/ul	93
50) Acenaphthylene	14.374	152	2614535	29.462	ng/ul	100
51) 3-Nitroaniline	14.551	138	499294	36.888	ng/ul#	95
52) Acenaphthene	14.716	153	1816563	29.255	ng/ul	99
53) 2,4-Dinitrophenol	14.757	184	188536	37.650	ng/ul	92
55) 4-Nitrophenol	14.857	109	333846	30.770	ng/ul	95
56) Dibenzofuran	15.045	168	2474385	29.672	ng/ul	98
57) 2,4-Dinitrotoluene	15.004	165	616163	37.555	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	15.268	232	485901	32.198	ng/ul	99
59) Diethylphthalate	15.468	149	2156451	31.033	ng/ul	99
61) Fluorene	15.692	166	2130187	29.993	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.686	204	1000761	29.463	ng/ul	98
63) 4-Nitroaniline	15.710	138	541276	41.160	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.763	198	313148	35.270	ng/ul	99
67) N-Nitrosodiphenylamine	15.898	169	1769960	30.219	ng/ul	98
68) 4-Bromophenyl-phenylether	16.580	248	583667	29.778	ng/ul	96
69) Hexachlorobenzene	16.686	284	675305	29.129	ng/ul	96
70) Atrazine	16.845	200	316751	15.325	ng/ul	99
71) Pentachlorophenol	17.033	266	400523	29.085	ng/ul	99
72) Phenanthrene	17.427	178	3312471	30.241	ng/ul	100
74) Anthracene	17.521	178	3341211	30.010	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.451	216	831324	30.565	ng/uL	99
76) Pentachlorobenzene	14.963	250	764328	25.982	ng/uL	99
77) Carbazole	17.786	167	3120745	30.275	ng/ul	100
78) Di-n-butylphthalate	18.351	149	3798514	32.512	ng/ul	99
80) Fluoranthene	19.433	202	3777550	33.921	ng/ul	100
82) Pyrene	19.798	202	3942390	33.444	ng/ul	100
83) Butylbenzylphthalate	20.692	149	1688545	37.802	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.468	252	1247056	34.550	ng/ul	98
85) Benzo(a)anthracene	21.533	228	3631642	31.377	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.468	149	2496395	38.259	ng/ul	99
87) Chrysene	21.592	228	3379417	30.761	ng/ul	100
89) Di-n-octyl phthalate	22.409	149	4087843	43.311	ng/ul	100
90) Benzo(b)fluoranthene	23.250	252	3294011	33.180	ng/ul	99
91) Benzo(k)fluoranthene	23.297	252	3140829	31.661	ng/ul	99
93) Benzo(a)pyrene	23.886	252	2747096	31.476	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.544	276	2978704	29.226	ng/ul	98
95) Dibenzo(a,h)anthracene	26.562	278	2725633	29.489	ng/ul	99
96) Benzo(g,h,i)perylene	27.327	276	2571463	29.104	ng/ul	99

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

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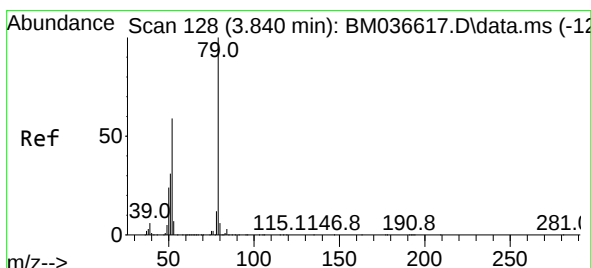
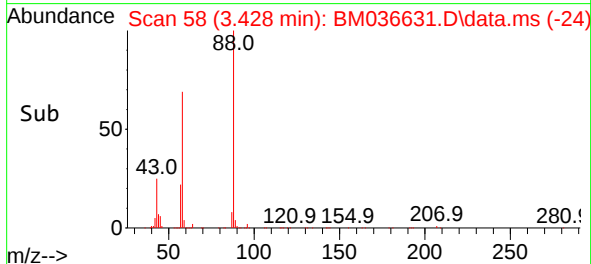
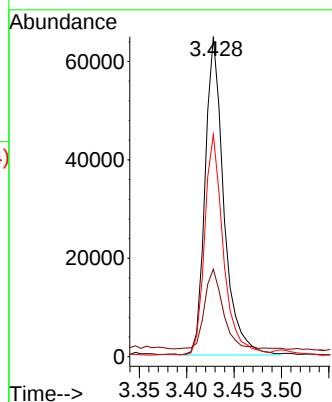
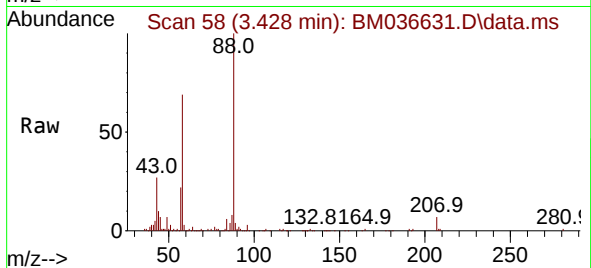




#2
1,4-Dioxane
Concen: 9.503 ng/uL
RT: 3.428 min Scan# 58
Delta R.T. -0.000 min
Lab File: BM036631.D
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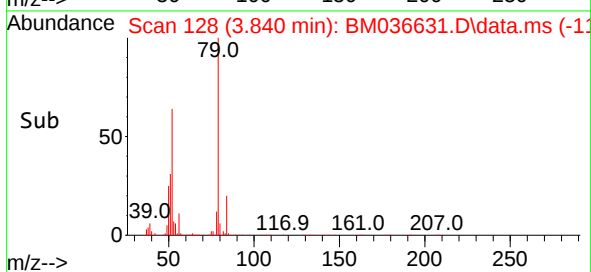
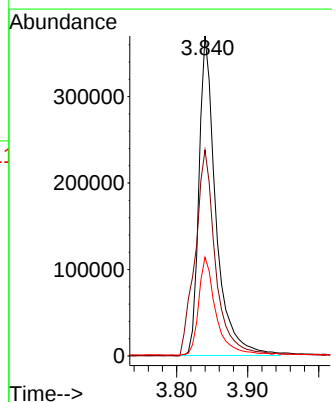
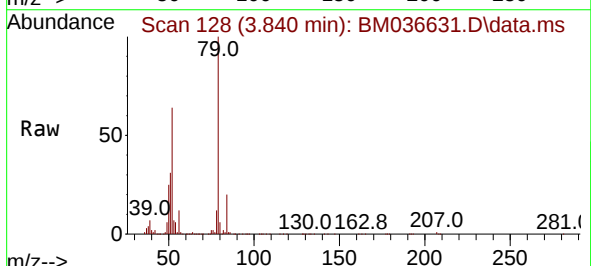
Instrument :
BNA_M
ClientSampleId :

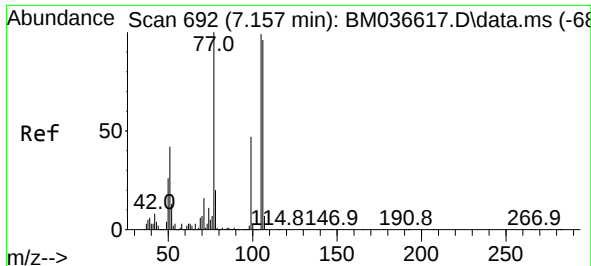
Tgt Ion	Ratio	Lower	Upper
88	100		
43	27.4	23.1	34.7
58	69.4	56.6	85.0



#5
Pyridine
Concen: 24.177 ng/uL
RT: 3.840 min Scan# 128
Delta R.T. -0.000 min
Lab File: BM036631.D
Acq: 21 Sep 2022 18:48

Tgt Ion	Ratio	Lower	Upper
79	100		
52	64.4	57.2	85.8
51	30.9	26.8	40.2

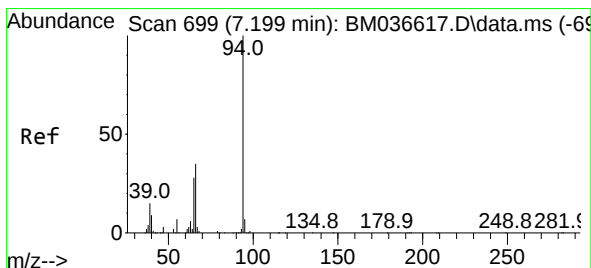
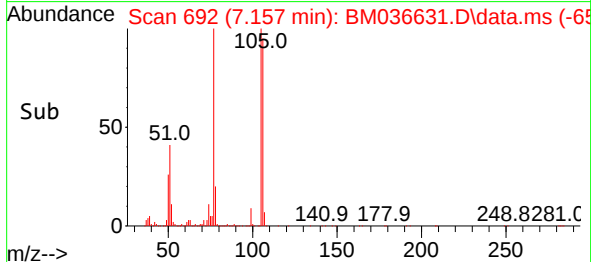
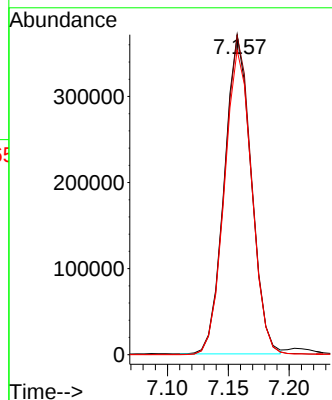
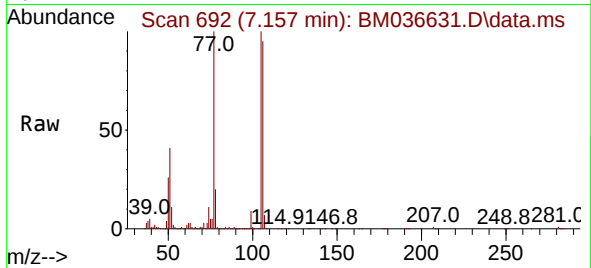




#6
Benzaldehyde
Concen: 40.244 ng/ul
RT: 7.157 min Scan# 692
Delta R.T. -0.000 min
Lab File: BM036631.D
Acq: 21 Sep 2022 18:48

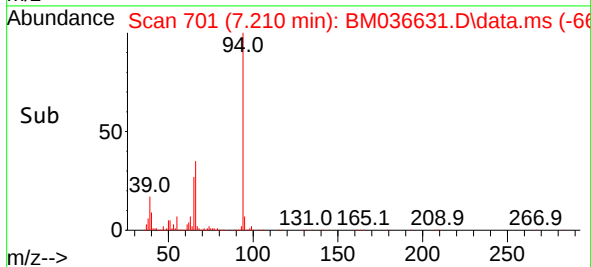
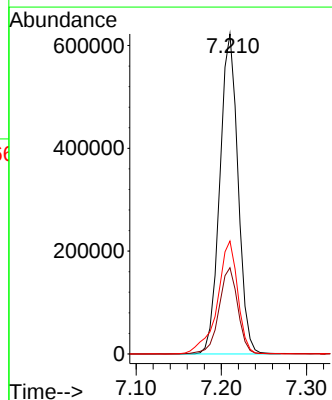
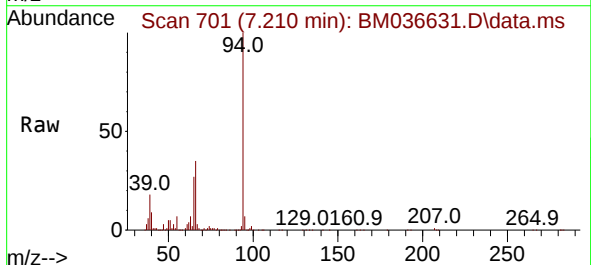
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ClientSampleId :

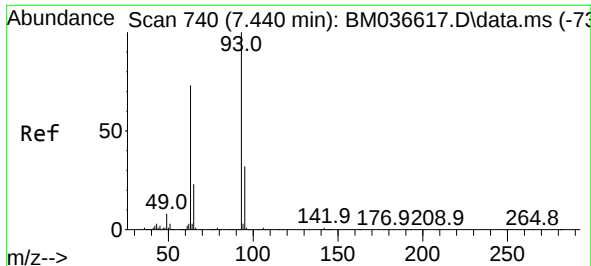
Tgt Ion: 77 Resp: 567306
Ion Ratio Lower Upper
77 100
105 99.8 75.1 112.7
106 95.2 73.0 109.6



#8
Phenol
Concen: 29.582 ng/ul
RT: 7.210 min Scan# 701
Delta R.T. 0.012 min
Lab File: BM036631.D
Acq: 21 Sep 2022 18:48

Tgt Ion: 94 Resp: 924254
Ion Ratio Lower Upper
94 100
65 26.9 22.2 33.4
66 35.3 28.9 43.3

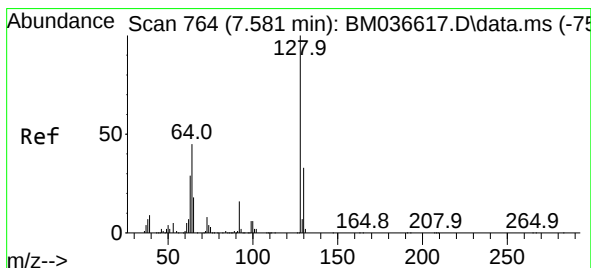
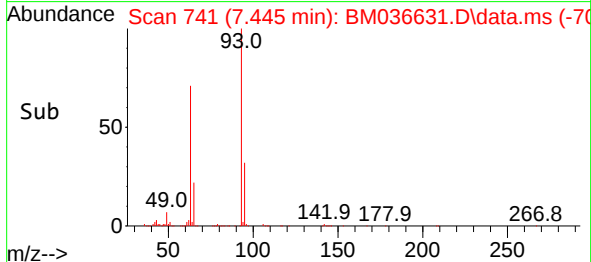
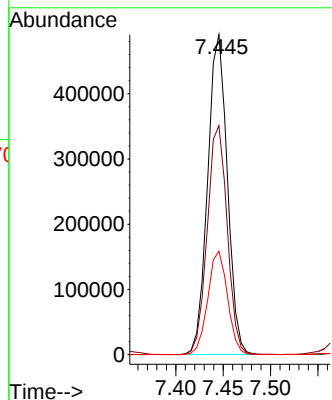
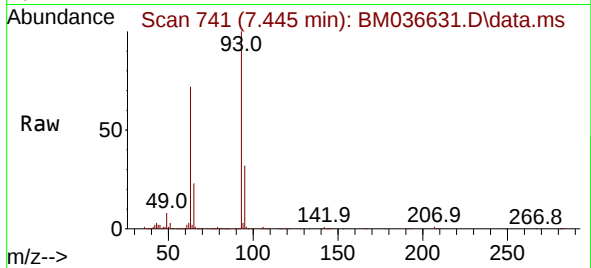




#10
Bis(2-Chloroethyl)ether
Concen: 29.059 ng/ul
RT: 7.445 min Scan# 741
Delta R.T. 0.006 min
Lab File: BM036631.D
Acq: 21 Sep 2022 18:48

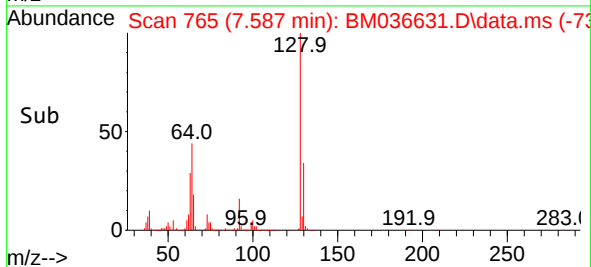
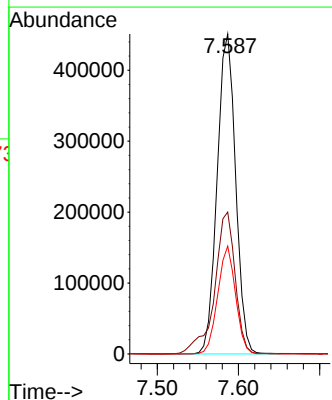
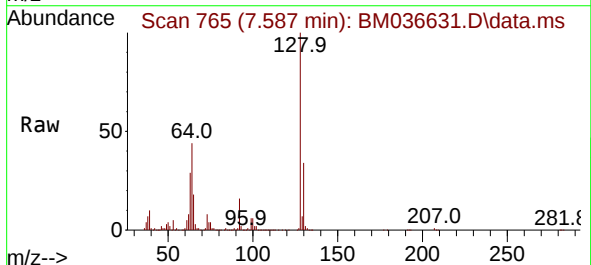
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ClientSampleId :

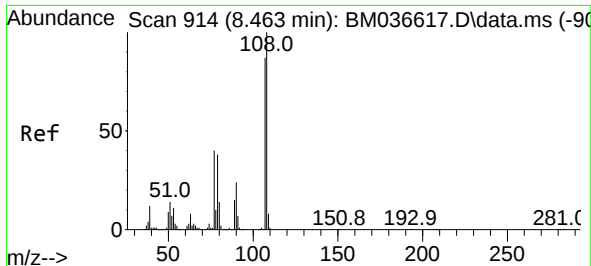
Tgt Ion: 93 Resp: 706407
Ion Ratio Lower Upper
93 100
63 71.6 59.1 88.7
95 32.3 26.1 39.1



#12
2-Chlorophenol
Concen: 31.507 ng/ul
RT: 7.587 min Scan# 765
Delta R.T. 0.006 min
Lab File: BM036631.D
Acq: 21 Sep 2022 18:48

Tgt Ion:128 Resp: 714301
Ion Ratio Lower Upper
128 100
64 44.4 37.8 56.8
130 33.7 26.0 39.0

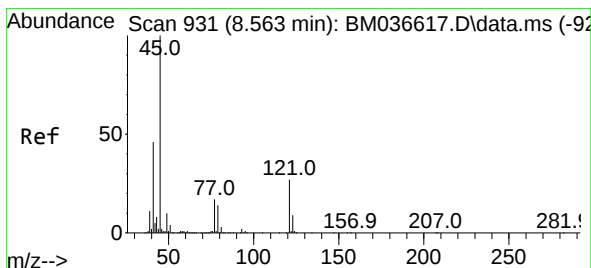
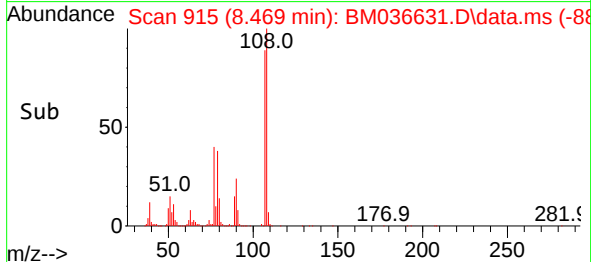
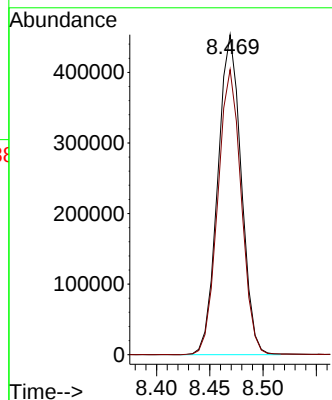
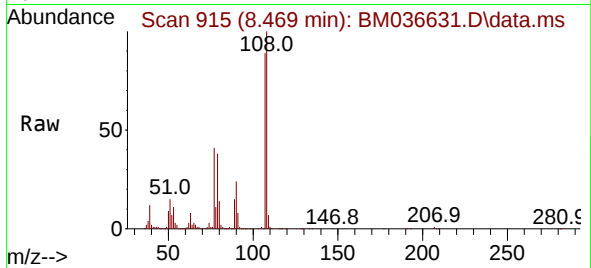




#13
2-Methylphenol
Concen: 30.179 ng/ul
RT: 8.469 min Scan# 915
Delta R.T. 0.006 min
Lab File: BM036631.D
Acq: 21 Sep 2022 18:48

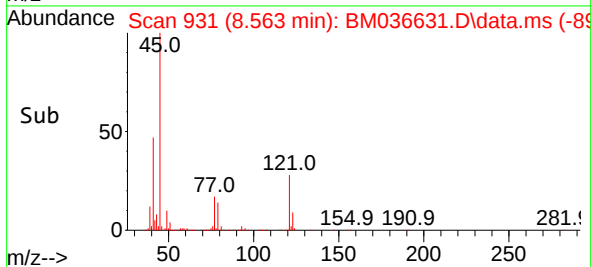
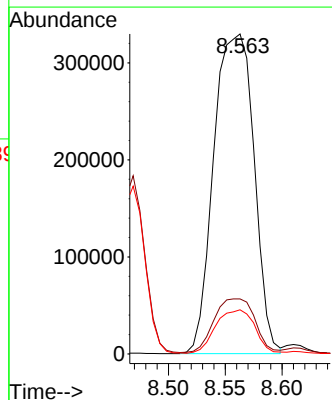
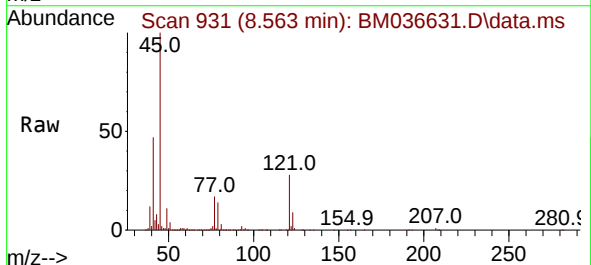
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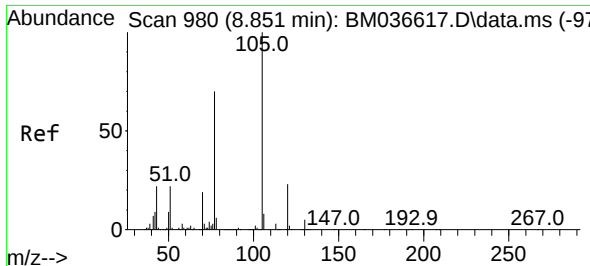
Tgt Ion:108 Resp: 693054
Ion Ratio Lower Upper
108 100
107 89.1 70.7 106.1



#14
2,2'-oxybis(1-Chloropropane)
Concen: 28.185 ng/ul
RT: 8.563 min Scan# 931
Delta R.T. -0.000 min
Lab File: BM036631.D
Acq: 21 Sep 2022 18:48

Tgt Ion: 45 Resp: 812049
Ion Ratio Lower Upper
45 100
77 17.2 13.1 19.7
79 13.8 9.5 14.3

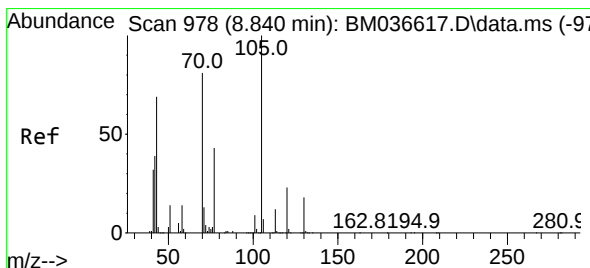
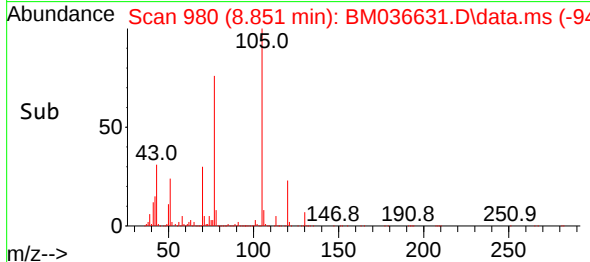
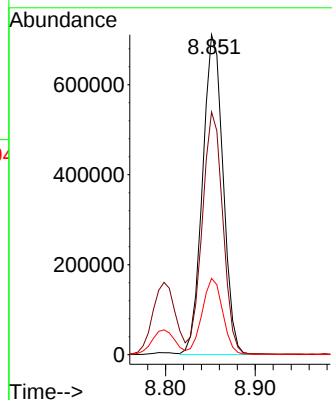
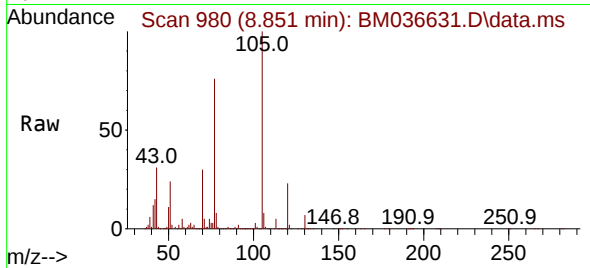




#16
Acetophenone
Concen: 30.295 ng/ul
RT: 8.851 min Scan# 980
Delta R.T. -0.000 min
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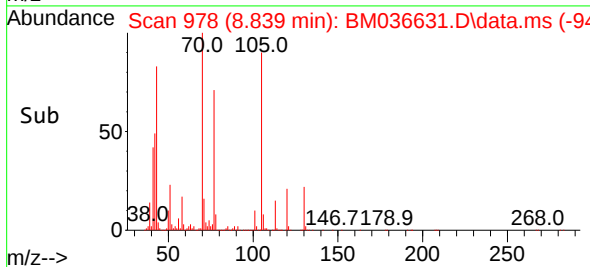
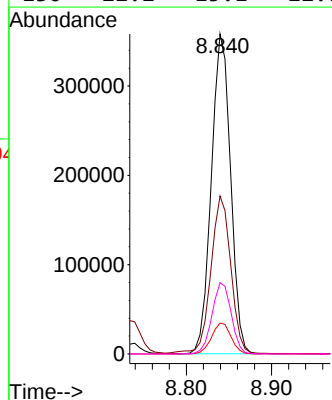
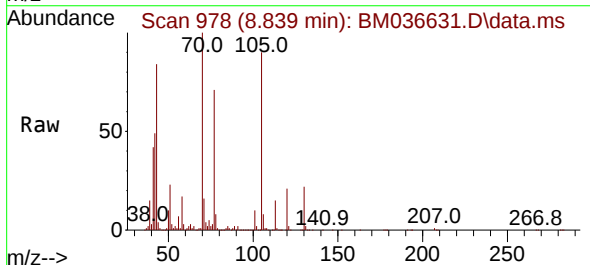
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BNA_M
ClientSampleId :

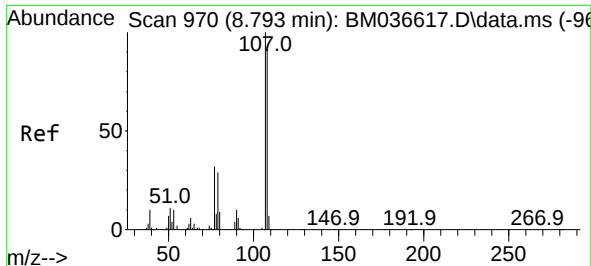
Tgt Ion:105 Resp: 1130283
Ion Ratio Lower Upper
105 100
77 75.8 61.6 92.4
51 23.9 20.5 30.7



#17
N-Nitroso-di-n-propylamine
Concen: 31.207 ng/ul
RT: 8.839 min Scan# 978
Delta R.T. -0.000 min
Lab File: BM036631.D
Acq: 21 Sep 2022 18:48

Tgt Ion: 70 Resp: 561809
Ion Ratio Lower Upper
70 100
42 49.4 43.0 64.4
101 9.6 7.7 11.5
130 22.2 15.1 22.7





#18

4-Methylphenol

Concen: 31.112 ng/ul

RT: 8.798 min Scan# 971

Delta R.T. 0.006 min

Lab File: BM036631.D

Acq: 21 Sep 2022 18:48

Instrument :

BNA_M

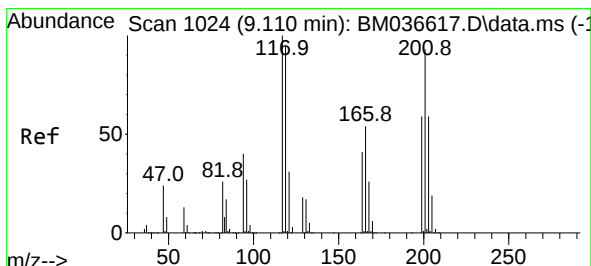
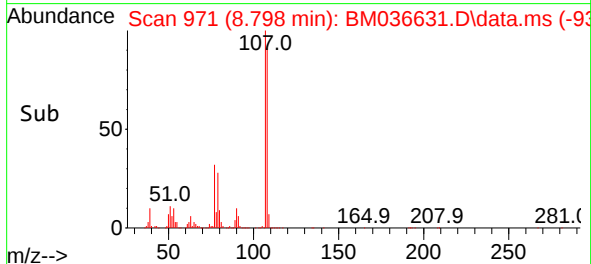
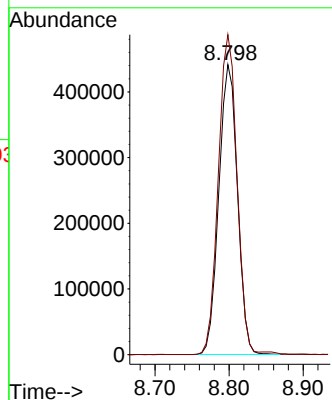
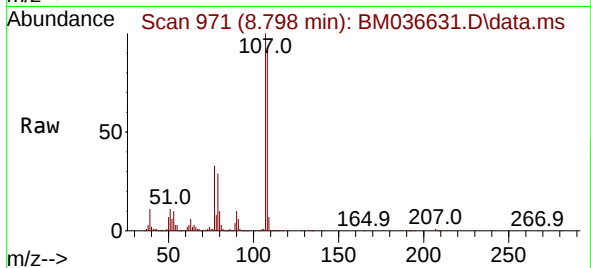
ClientSampleId :

Tgt Ion:108 Resp: 772625

Ion Ratio Lower Upper

108 100

107 110.3 89.4 134.0



#19

Hexachloroethane

Concen: 30.491 ng/ul

RT: 9.110 min Scan# 1024

Delta R.T. -0.000 min

Lab File: BM036631.D

Acq: 21 Sep 2022 18:48

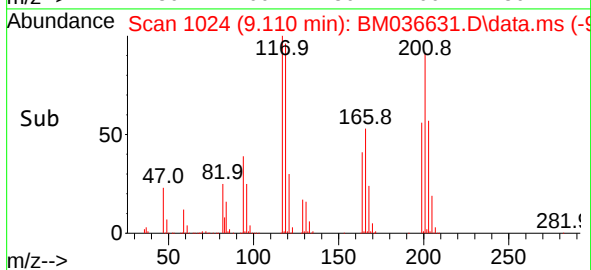
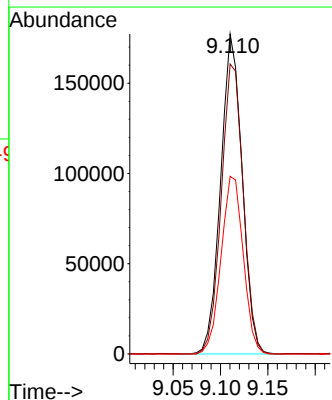
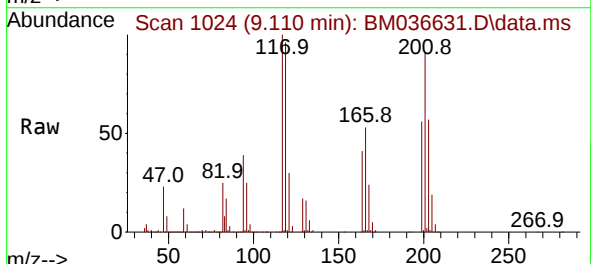
Tgt Ion:117 Resp: 279999

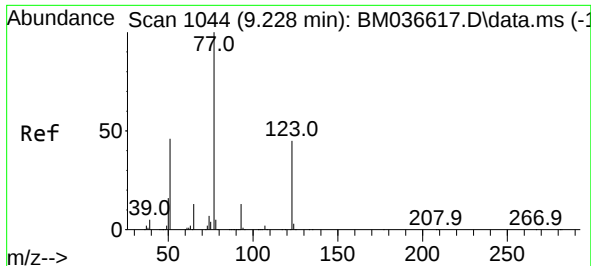
Ion Ratio Lower Upper

117 100

201 90.6 68.7 103.1

199 55.5 43.0 64.6

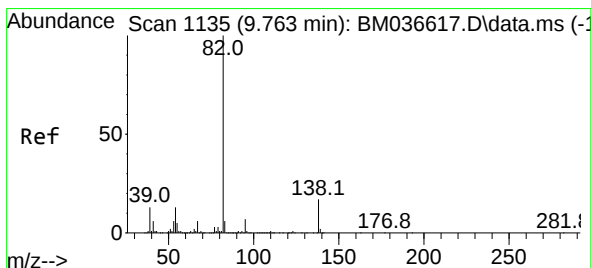
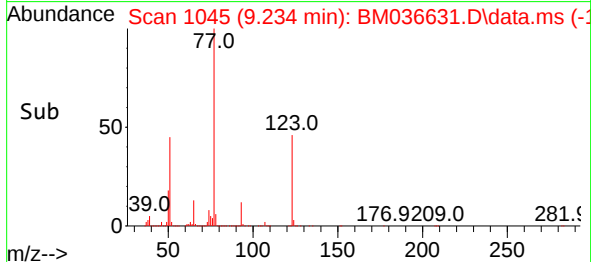
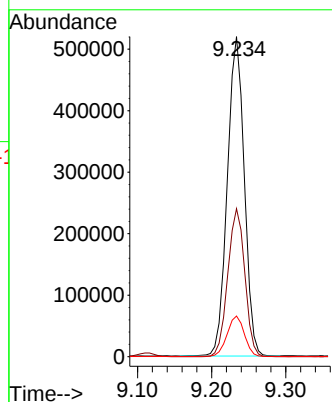
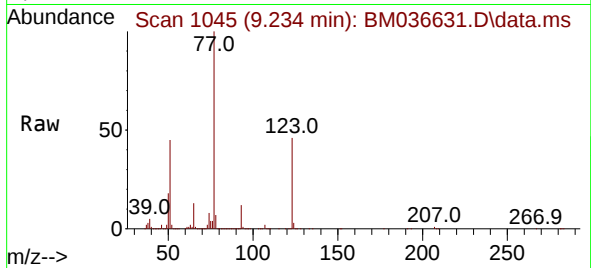




#22
Nitrobenzene
Concen: 30.865 ng/ul
RT: 9.234 min Scan# 1045
Delta R.T. 0.006 min
Lab File: BM036631.D
Acq: 21 Sep 2022 18:48

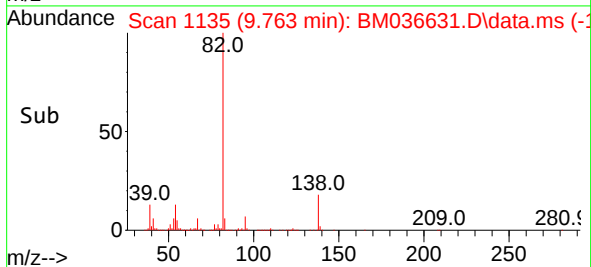
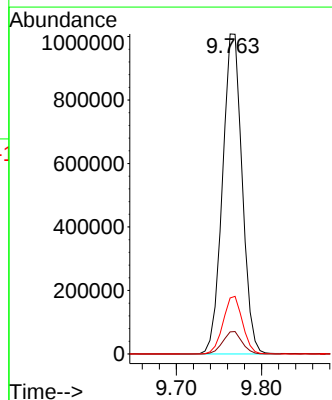
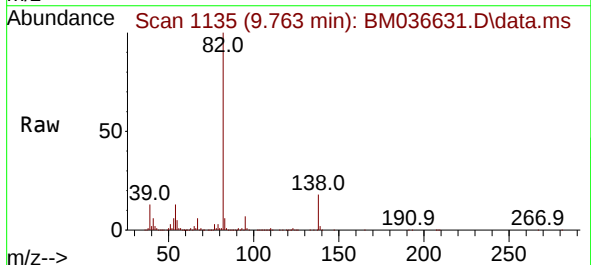
Instrument :
BNA_M
ClientSampleId :

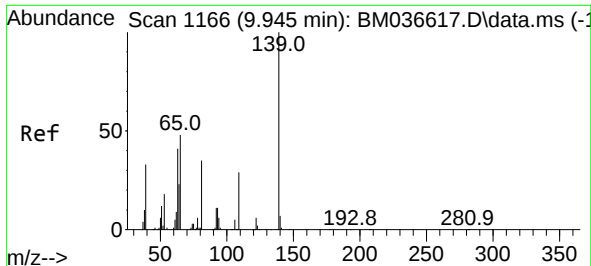
Tgt Ion: 77 Resp: 826995
Ion Ratio Lower Upper
77 100
123 46.3 34.9 52.3
65 12.7 10.7 16.1



#23
Isophorone
Concen: 29.555 ng/ul
RT: 9.763 min Scan# 1135
Delta R.T. -0.000 min
Lab File: BM036631.D
Acq: 21 Sep 2022 18:48

Tgt Ion: 82 Resp: 1614639
Ion Ratio Lower Upper
82 100
95 6.9 5.4 8.2
138 17.5 13.5 20.3

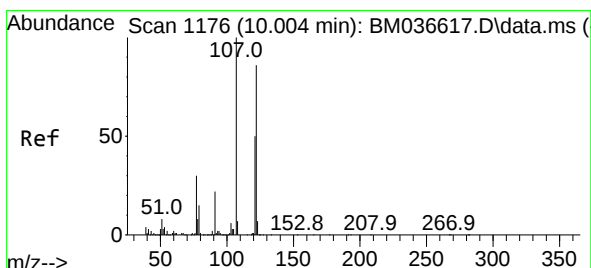
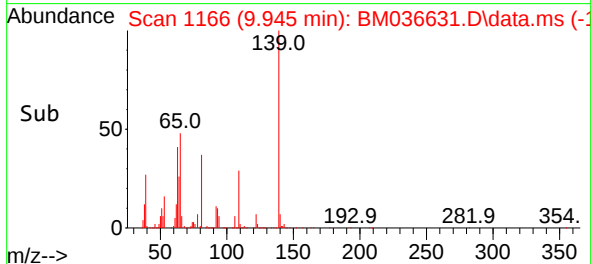
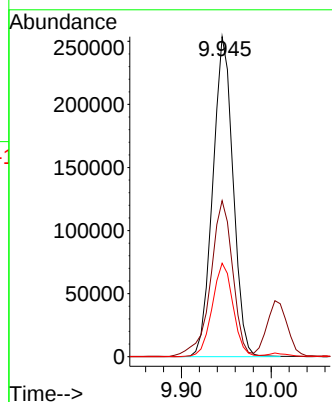
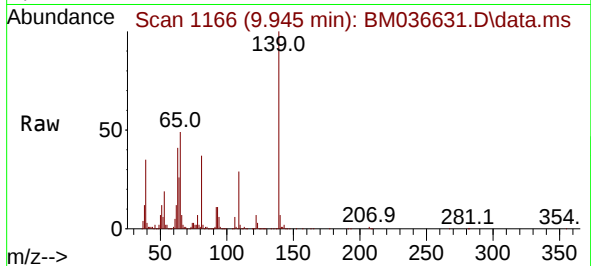




#25
2-Nitrophenol
Concen: 35.774 ng/ul
RT: 9.945 min Scan# 1166
Delta R.T. -0.000 min
Lab File: BM036631.D
Acq: 21 Sep 2022 18:48

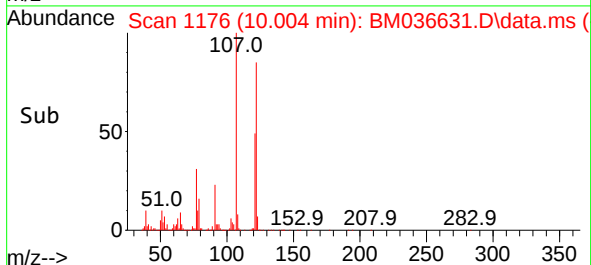
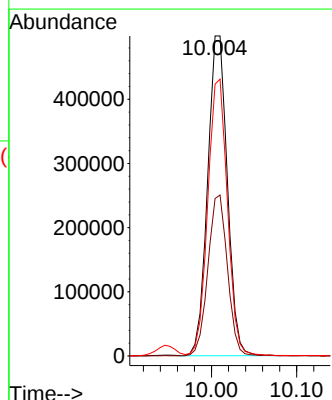
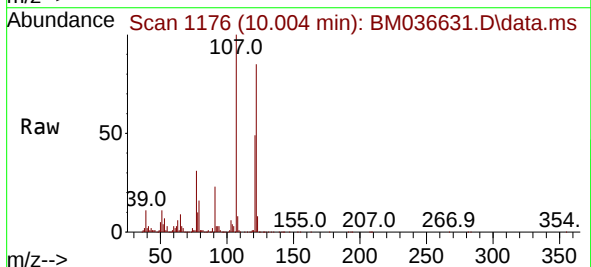
Instrument :
BNA_M
ClientSampleId :

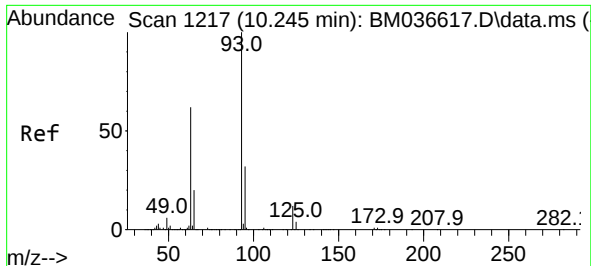
Tgt Ion:139 Resp: 399406
Ion Ratio Lower Upper
139 100
65 48.7 40.9 61.3
109 29.2 23.9 35.9



#26
2,4-Dimethylphenol
Concen: 29.113 ng/ul
RT: 10.004 min Scan# 1176
Delta R.T. -0.000 min
Lab File: BM036631.D
Acq: 21 Sep 2022 18:48

Tgt Ion:107 Resp: 801681
Ion Ratio Lower Upper
107 100
121 49.2 39.4 59.2
122 84.9 69.1 103.7

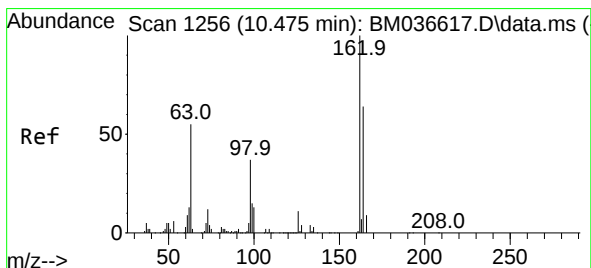
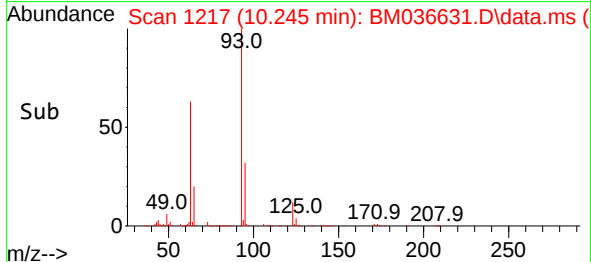
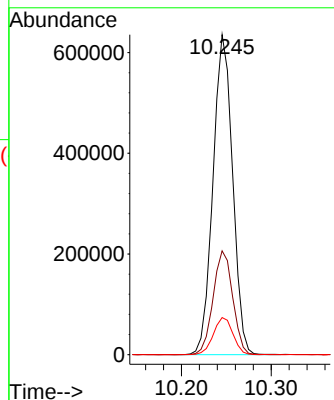
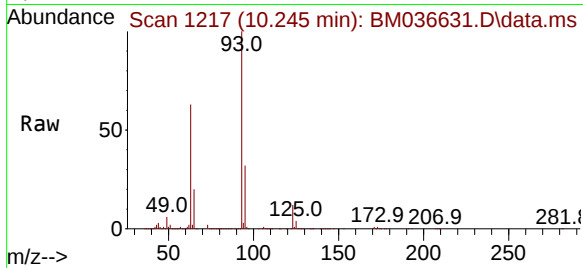




#27
 Bis(2-Chloroethoxy)methane
 Concen: 29.569 ng/ul
 RT: 10.245 min Scan# 1217
 Delta R.T. -0.000 min
 Lab File: BM036631.D
 Acq: 21 Sep 2022 18:48

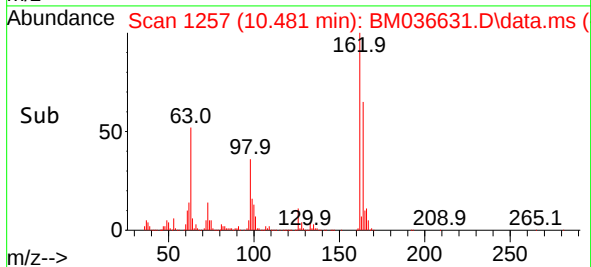
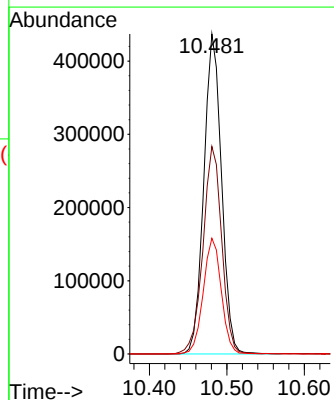
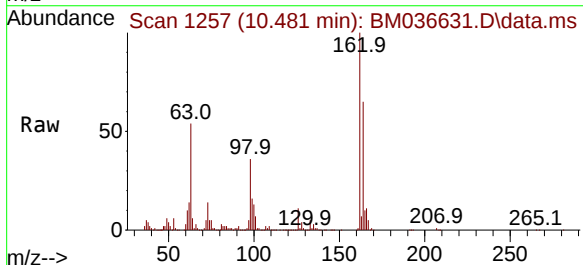
Instrument :
 BNA_M
 ClientSampleId :

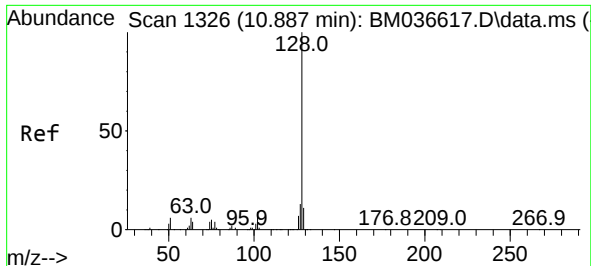
Tgt Ion: 93 Resp: 962823
 Ion Ratio Lower Upper
 93 100
 95 32.4 26.2 39.4
 123 11.6 9.2 13.8



#29
 2,4-Dichlorophenol
 Concen: 31.483 ng/ul
 RT: 10.481 min Scan# 1257
 Delta R.T. 0.006 min
 Lab File: BM036631.D
 Acq: 21 Sep 2022 18:48

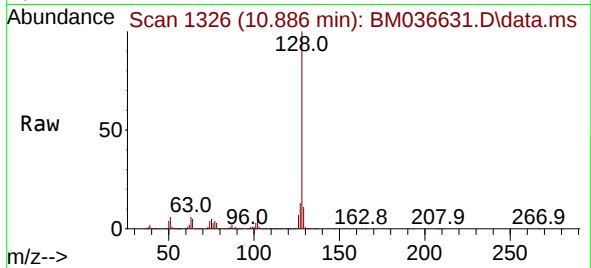
Tgt Ion: 162 Resp: 693348
 Ion Ratio Lower Upper
 162 100
 164 64.9 52.1 78.1
 98 36.2 29.1 43.7



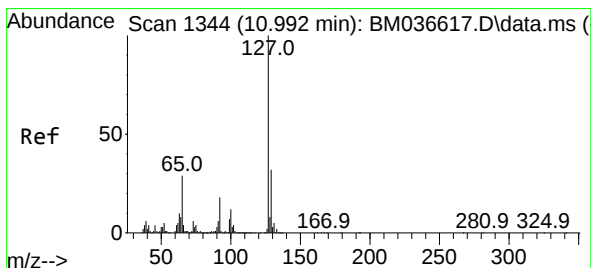
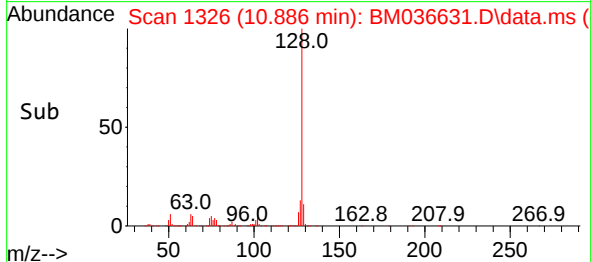
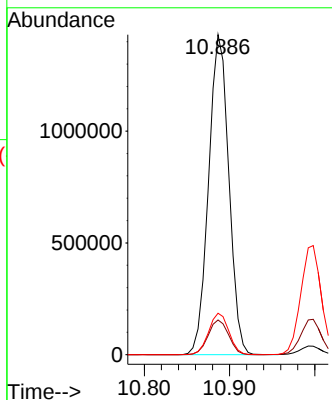


#30
Naphthalene
Concen: 29.017 ng/ul
RT: 10.886 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM036631.D
Acq: 21 Sep 2022 18:48

Instrument :
BNA_M
ClientSampleId :

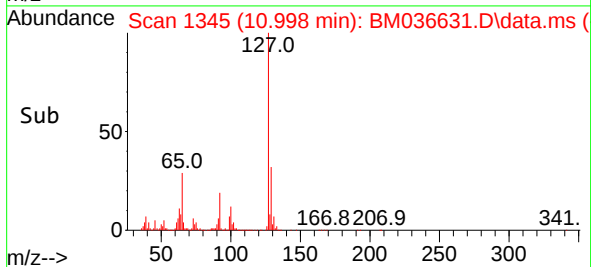
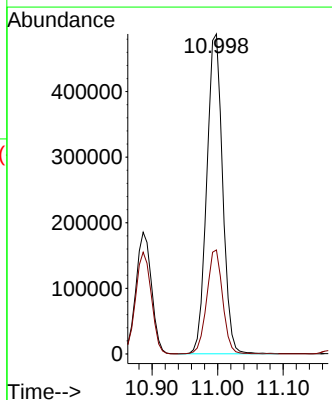
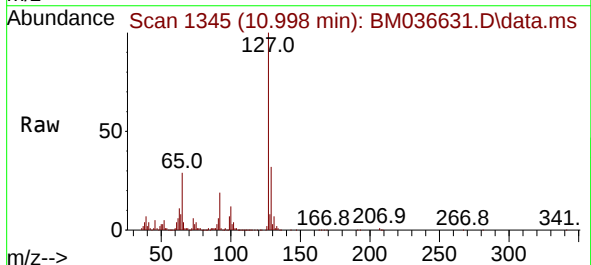


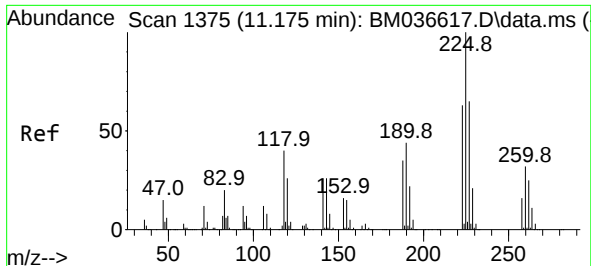
Tgt Ion:128 Resp: 2356856
Ion Ratio Lower Upper
128 100
129 10.8 8.7 13.1
127 13.0 10.3 15.5



#32
4-Chloroaniline
Concen: 22.754 ng/ul
RT: 10.998 min Scan# 1345
Delta R.T. 0.006 min
Lab File: BM036631.D
Acq: 21 Sep 2022 18:48

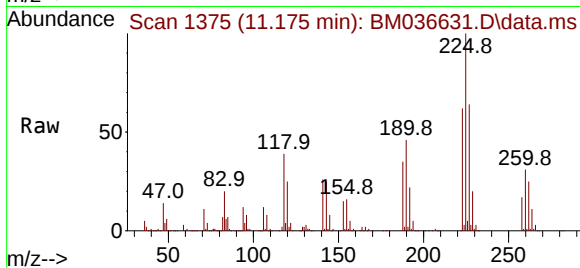
Tgt Ion:127 Resp: 818199
Ion Ratio Lower Upper
127 100
129 32.5 25.4 38.2



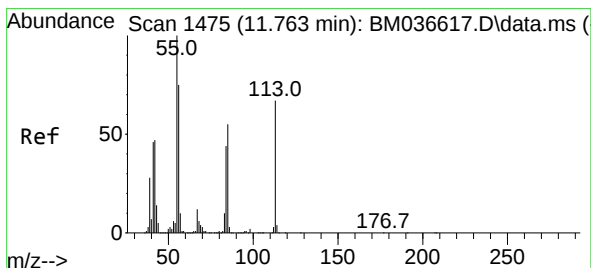
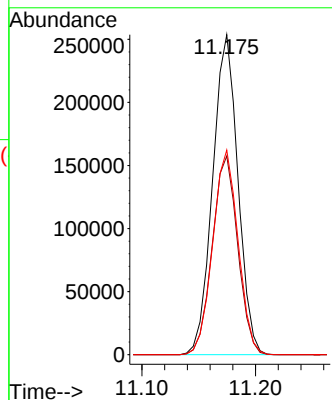
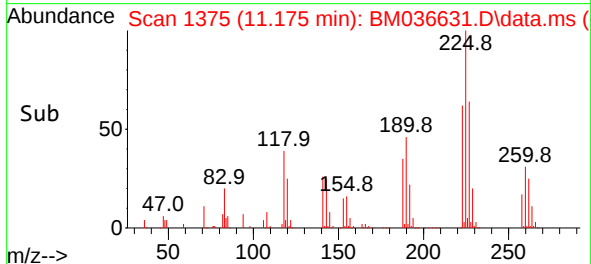


#33
Hexachlorobutadiene
Concen: 29.087 ng/u1
RT: 11.175 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM036631.D
Acq: 21 Sep 2022 18:48

Instrument :
BNA_M
ClientSampleId :

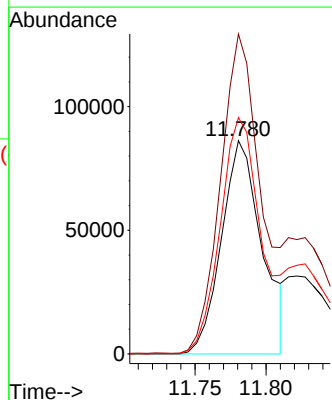
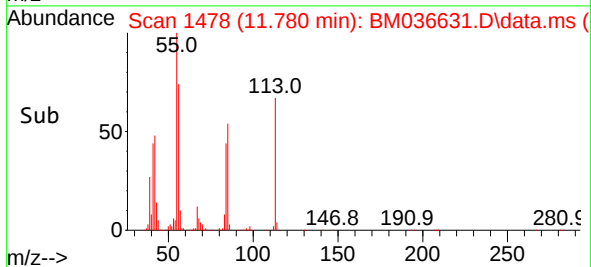
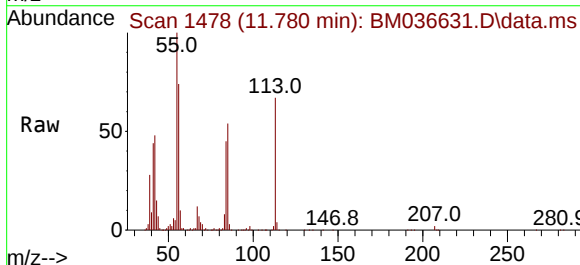


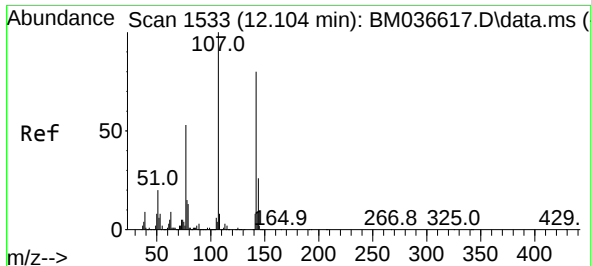
Tgt Ion:225 Resp: 391775
Ion Ratio Lower Upper
225 100
223 62.1 49.8 74.8
227 64.0 51.0 76.6



#34
Caprolactam
Concen: 23.801 ng/u1
RT: 11.780 min Scan# 1478
Delta R.T. 0.018 min
Lab File: BM036631.D
Acq: 21 Sep 2022 18:48

Tgt Ion:113 Resp: 170029
Ion Ratio Lower Upper
113 100
55 150.1 127.5 191.3
56 110.8 94.6 142.0

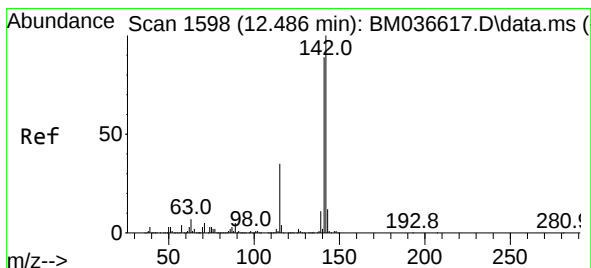
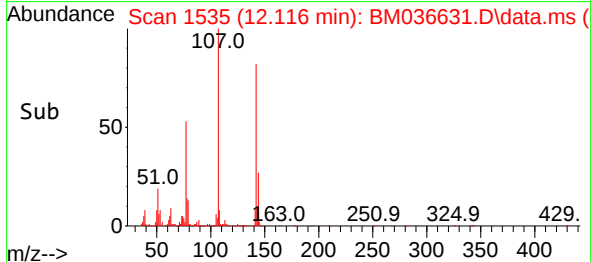
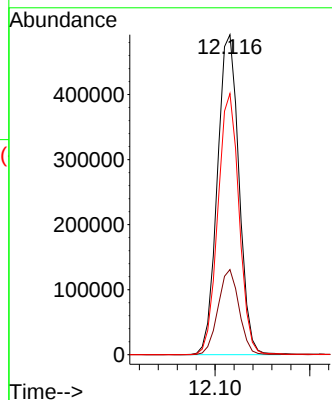
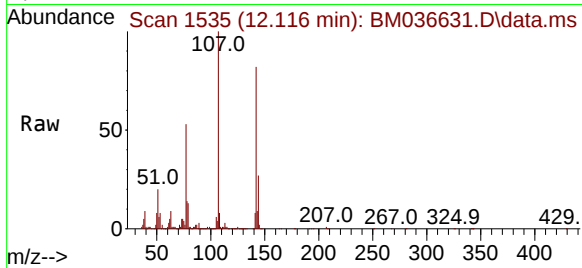




#35
4-Chloro-3-methylphenol
Concen: 32.095 ng/ul
RT: 12.116 min Scan# 1535
Delta R.T. 0.012 min
Lab File: BM036631.D
Acq: 21 Sep 2022 18:48

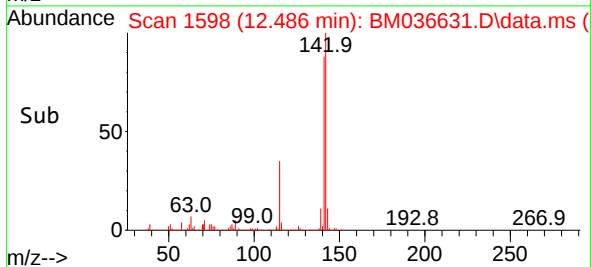
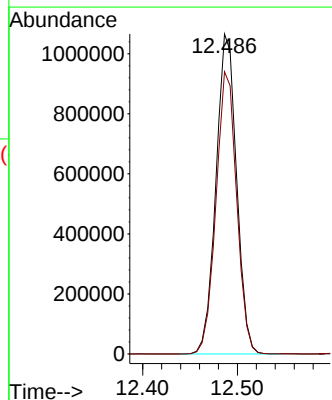
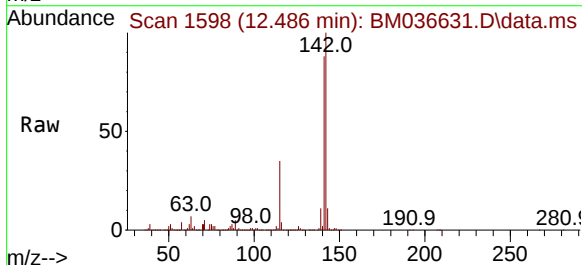
Instrument :
BNA_M
ClientSampleId :

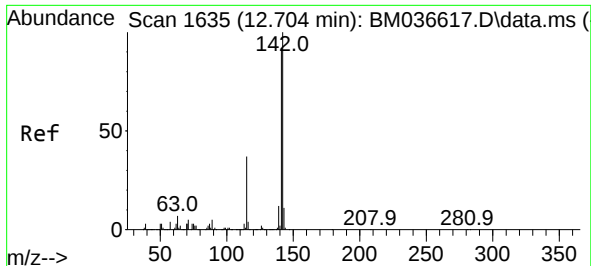
Tgt Ion:107 Resp: 780235
Ion Ratio Lower Upper
107 100
144 26.6 21.5 32.3
142 81.6 63.9 95.9



#36
2-Methylnaphthalene
Concen: 29.721 ng/ul
RT: 12.486 min Scan# 1598
Delta R.T. -0.000 min
Lab File: BM036631.D
Acq: 21 Sep 2022 18:48

Tgt Ion:142 Resp: 1608389
Ion Ratio Lower Upper
142 100
141 88.2 70.7 106.1

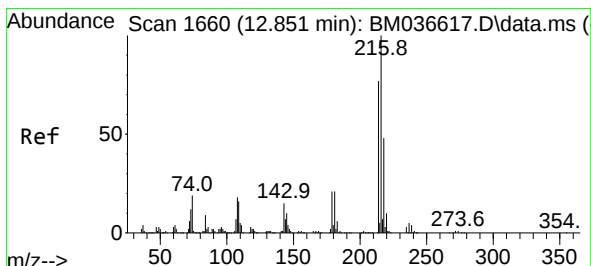
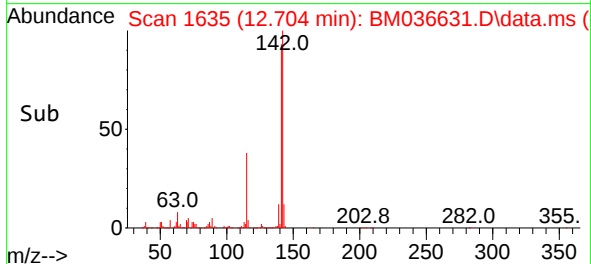
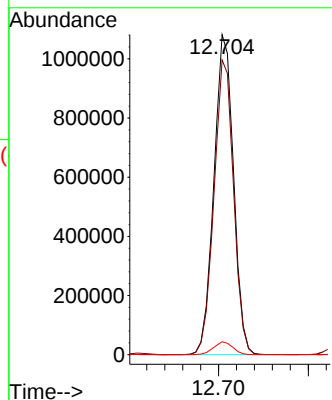
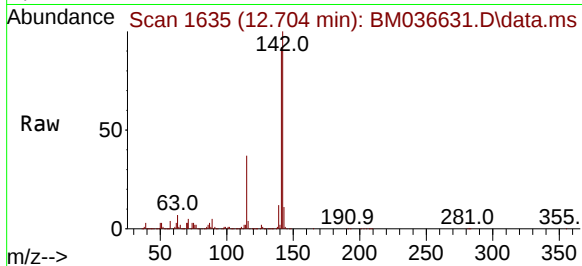




#37
1-Methylnaphthalene
Concen: 30.097 ng/ul
RT: 12.704 min Scan# 1635
Delta R.T. -0.000 min
Lab File: BM036631.D
Acq: 21 Sep 2022 18:48

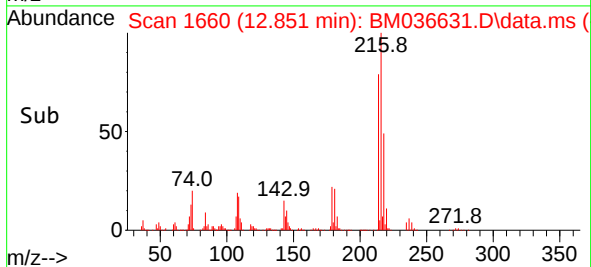
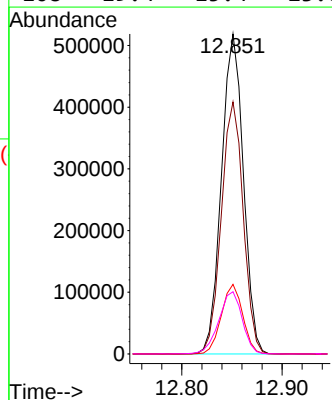
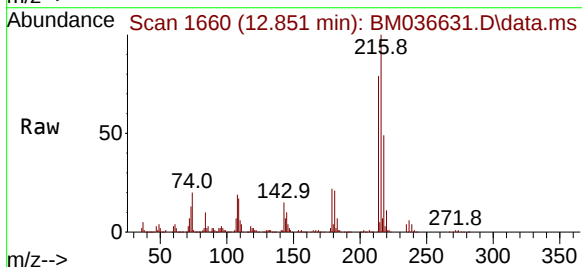
Instrument :
BNA_M
ClientSampleId :

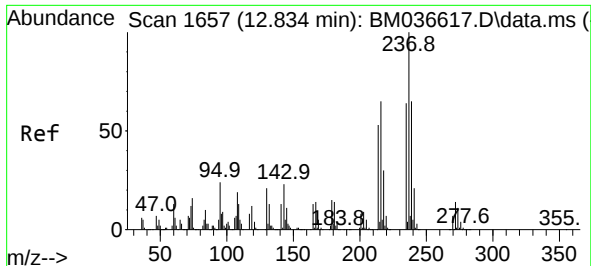
Tgt Ion:142 Resp: 1637367
Ion Ratio Lower Upper
142 100
141 92.1 73.4 110.2
116 4.0 3.1 4.7



#39
1,2,4,5-Tetrachlorobenzene
Concen: 28.607 ng/ul
RT: 12.851 min Scan# 1660
Delta R.T. -0.000 min
Lab File: BM036631.D
Acq: 21 Sep 2022 18:48

Tgt Ion:216 Resp: 785605
Ion Ratio Lower Upper
216 100
214 78.8 62.4 93.6
179 21.7 16.7 25.1
108 19.4 15.4 23.0

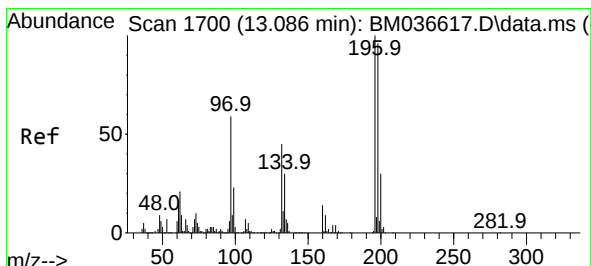
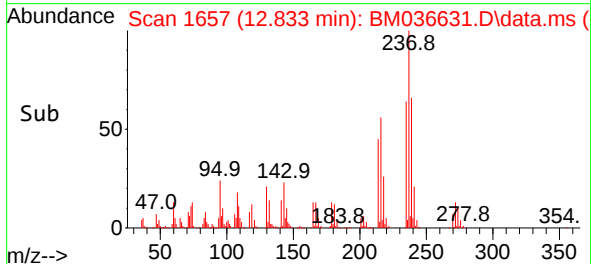
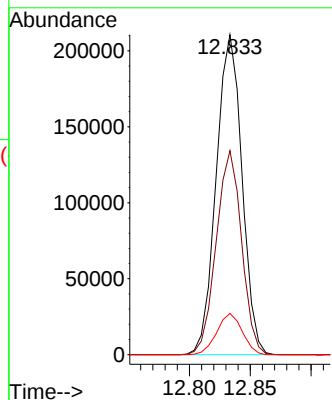
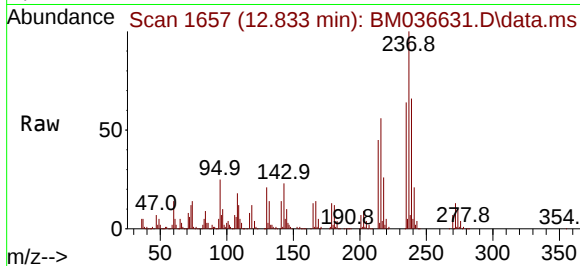




#40
Hexachlorocyclopentadiene
Concen: 21.681 ng/ul
RT: 12.833 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM036631.D
Acq: 21 Sep 2022 18:48

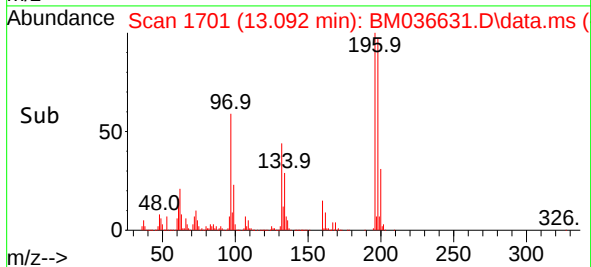
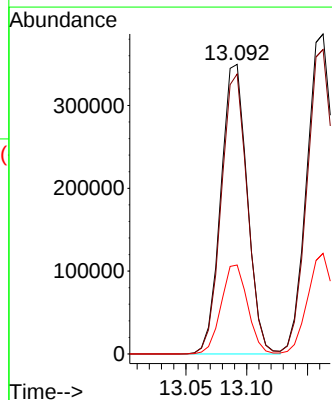
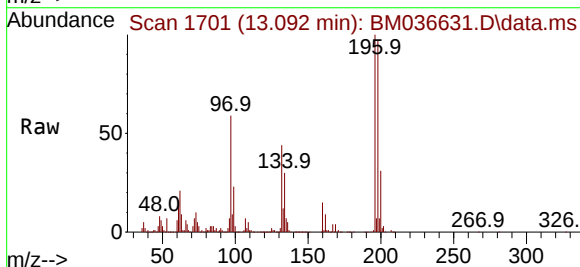
Instrument :
BNA_M
ClientSampleId :

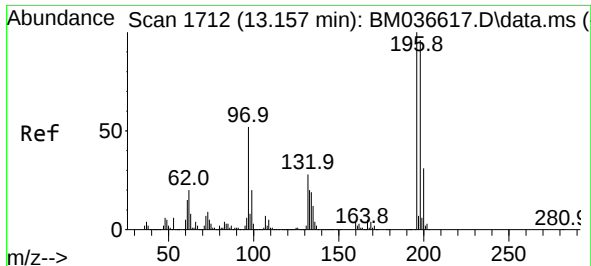
Tgt Ion:237 Resp: 310299
Ion Ratio Lower Upper
237 100
235 63.8 50.9 76.3
272 12.9 10.3 15.5



#41
2,4,6-Trichlorophenol
Concen: 31.521 ng/ul
RT: 13.092 min Scan# 1701
Delta R.T. 0.006 min
Lab File: BM036631.D
Acq: 21 Sep 2022 18:48

Tgt Ion:196 Resp: 530024
Ion Ratio Lower Upper
196 100
198 96.7 77.3 115.9
200 30.7 25.2 37.8

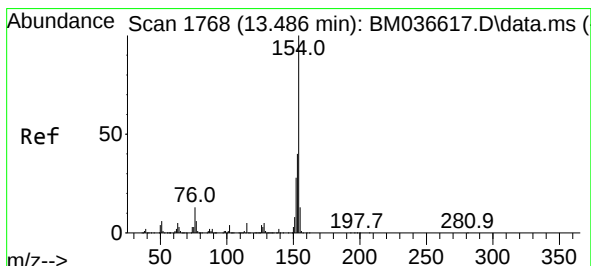
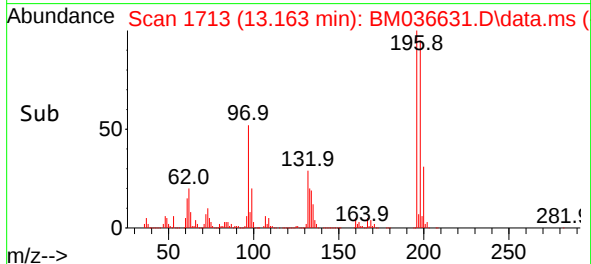
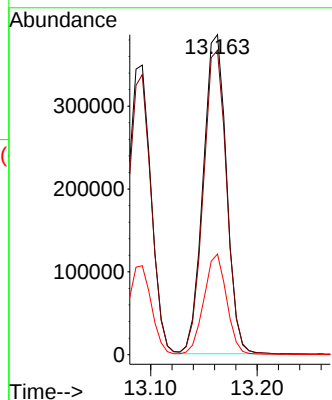
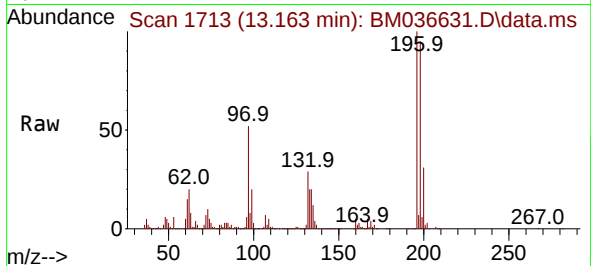




#42
2,4,5-Trichlorophenol
Concen: 32.511 ng/ul
RT: 13.163 min Scan# 1712
Delta R.T. 0.006 min
Lab File: BM036631.D
Acq: 21 Sep 2022 18:48

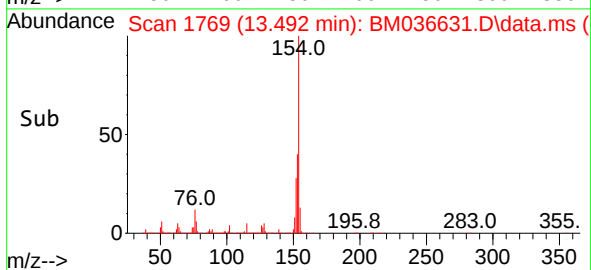
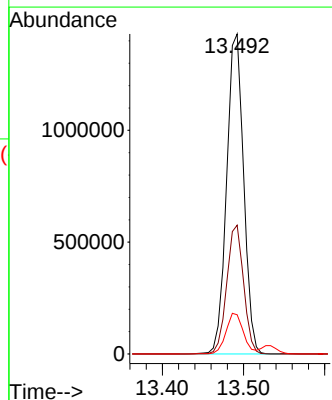
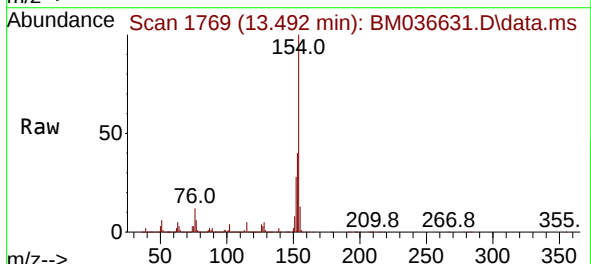
Instrument :
BNA_M
ClientSampleId :

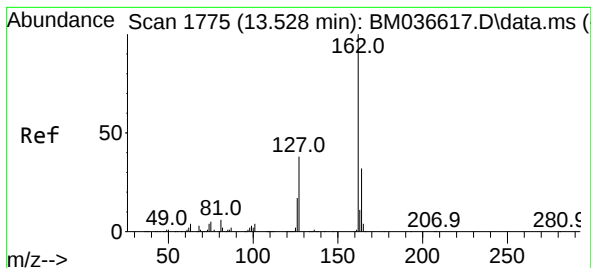
Tgt Ion:196 Resp: 586092
Ion Ratio Lower Upper
196 100
198 95.1 75.6 113.4
200 31.5 24.7 37.1



#43
1,1'-Biphenyl
Concen: 29.124 ng/ul
RT: 13.492 min Scan# 1769
Delta R.T. 0.006 min
Lab File: BM036631.D
Acq: 21 Sep 2022 18:48

Tgt Ion:154 Resp: 2083064
Ion Ratio Lower Upper
154 100
153 40.2 31.4 47.2
76 12.2 10.4 15.6





#44

2-Chloronaphthalene

Concen: 29.278 ng/ul

RT: 13.533 min Scan# 1

Delta R.T. 0.006 min

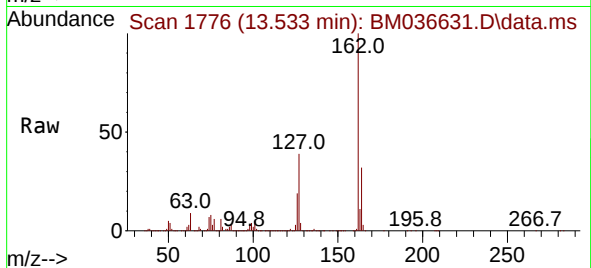
Lab File: BM036631.D

Acq: 21 Sep 2022 18:48

Instrument :

BNA_M

ClientSampleId :



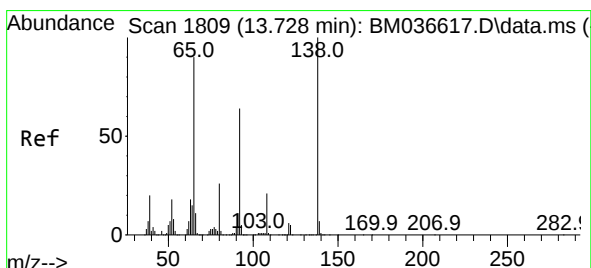
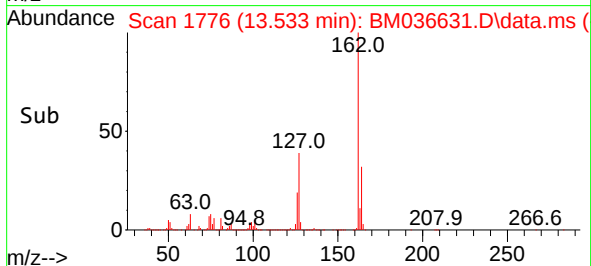
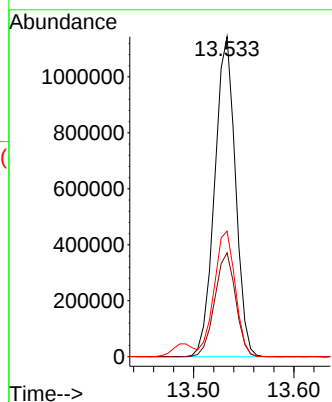
Tgt Ion:162 Resp: 1643166

Ion Ratio Lower Upper

162 100

164 32.5 26.2 39.2

127 39.3 32.6 49.0



#45

2-Nitroaniline

Concen: 35.687 ng/ul

RT: 13.733 min Scan# 1810

Delta R.T. 0.006 min

Lab File: BM036631.D

Acq: 21 Sep 2022 18:48

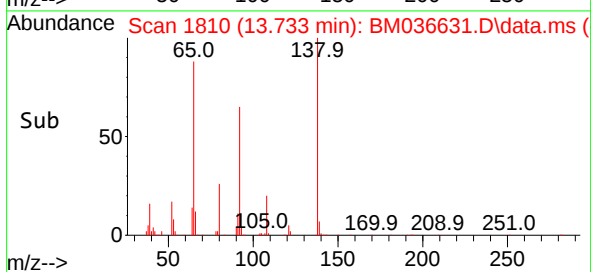
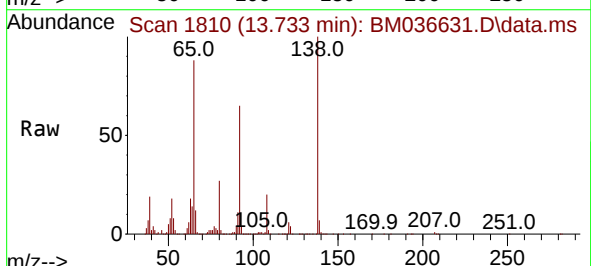
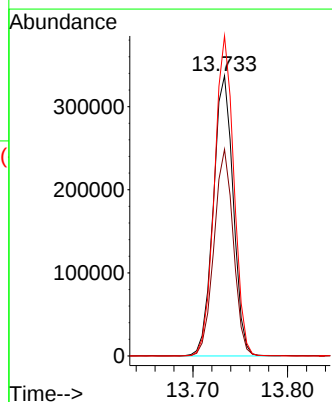
Tgt Ion: 65 Resp: 492990

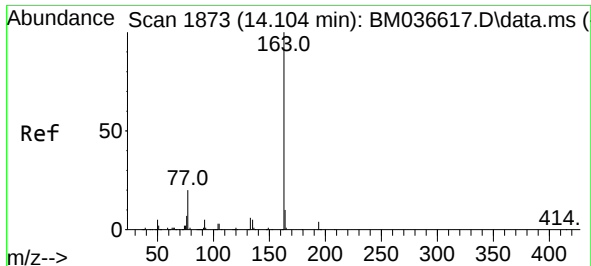
Ion Ratio Lower Upper

65 100

92 73.7 54.4 81.6

138 114.2 86.1 129.1

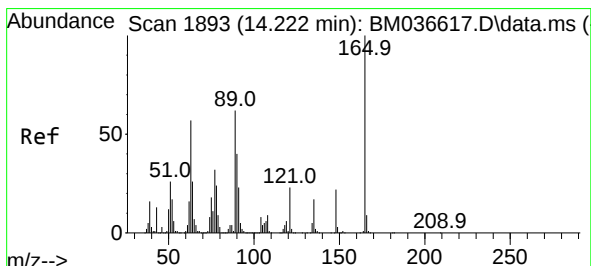
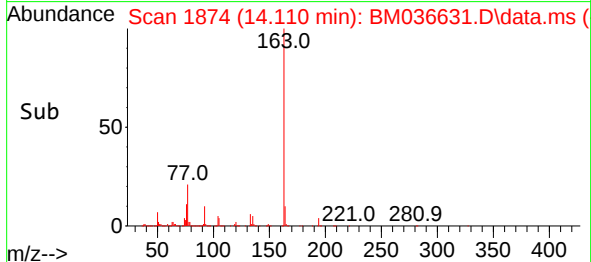
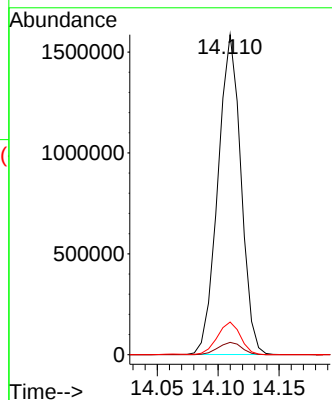
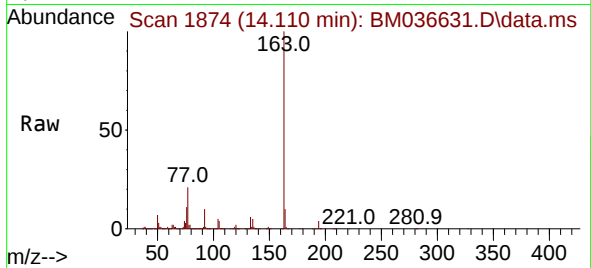




#47
Dimethylphthalate
Concen: 30.073 ng/ul
RT: 14.110 min Scan# 1874
Delta R.T. 0.006 min
Lab File: BM036631.D
Acq: 21 Sep 2022 18:48

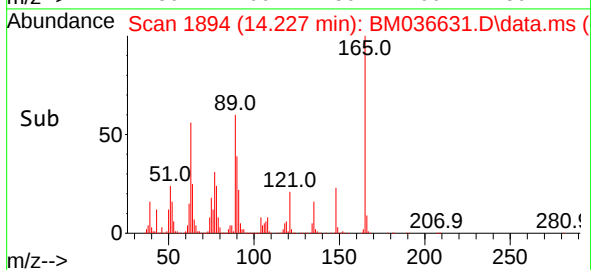
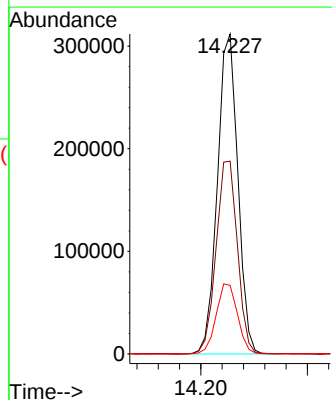
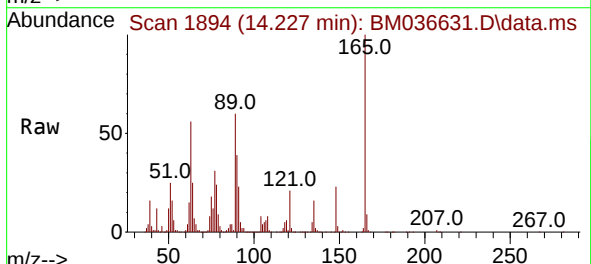
Instrument :
BNA_M
ClientSampleId :

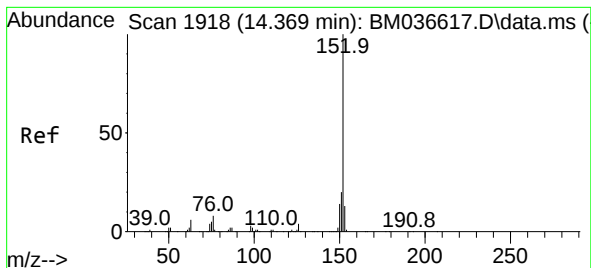
Tgt Ion:163 Resp: 2087486
Ion Ratio Lower Upper
163 100
194 3.8 3.0 4.6
164 10.2 8.3 12.5



#48
2,6-Dinitrotoluene
Concen: 36.722 ng/ul
RT: 14.227 min Scan# 1894
Delta R.T. 0.006 min
Lab File: BM036631.D
Acq: 21 Sep 2022 18:48

Tgt Ion:165 Resp: 414423
Ion Ratio Lower Upper
165 100
89 60.3 52.8 79.2
121 21.4 19.4 29.0





#50

Acenaphthylene

Concen: 29.462 ng/ul

RT: 14.374 min Scan# 1919

Delta R.T. 0.006 min

Lab File: BM036631.D

Acq: 21 Sep 2022 18:48

Instrument :

BNA_M

ClientSampleId :

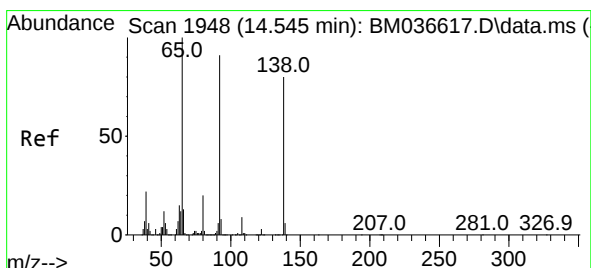
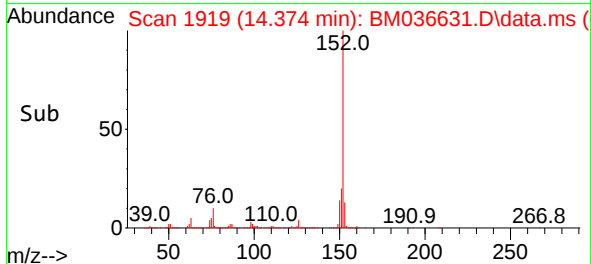
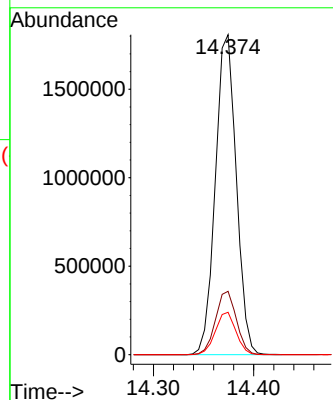
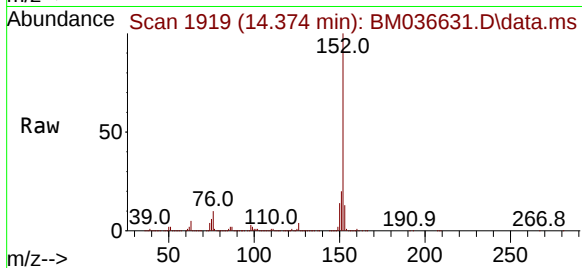
Tgt Ion:152 Resp: 2614535

Ion Ratio Lower Upper

152 100

151 19.8 15.7 23.5

153 13.3 10.5 15.7



#51

3-Nitroaniline

Concen: 36.888 ng/ul

RT: 14.551 min Scan# 1949

Delta R.T. 0.006 min

Lab File: BM036631.D

Acq: 21 Sep 2022 18:48

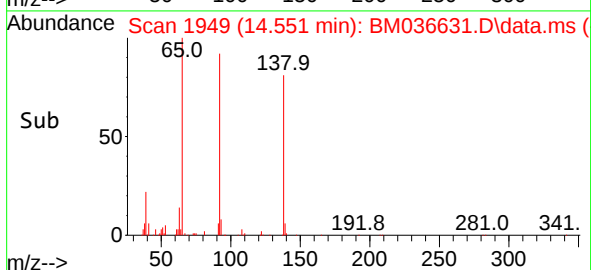
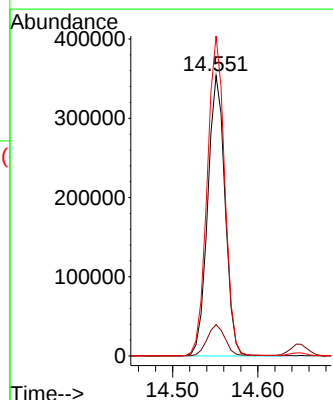
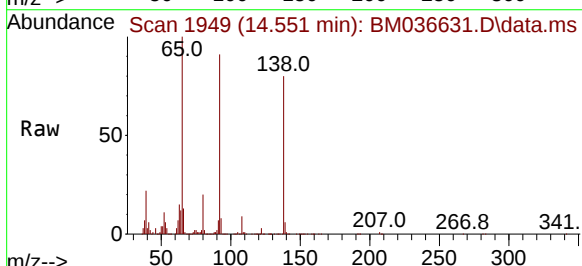
Tgt Ion:138 Resp: 499294

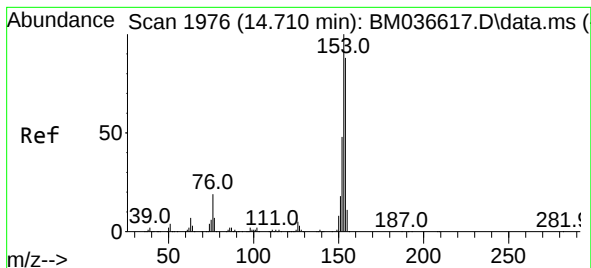
Ion Ratio Lower Upper

138 100

108 11.2 12.5 18.7#

92 114.2 95.4 143.2





#52

Acenaphthene

Concen: 29.255 ng/ul

RT: 14.716 min Scan# 1976

Delta R.T. 0.006 min

Lab File: BM036631.D

Acq: 21 Sep 2022 18:48

Instrument :

BNA_M

ClientSampleId :

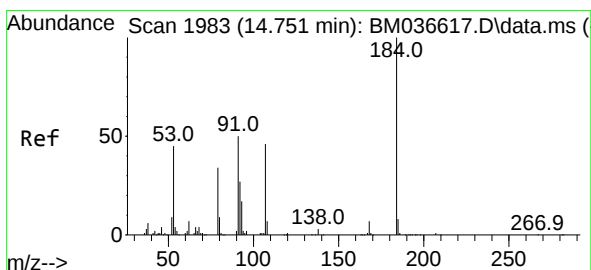
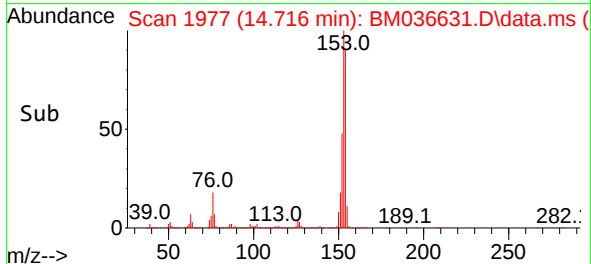
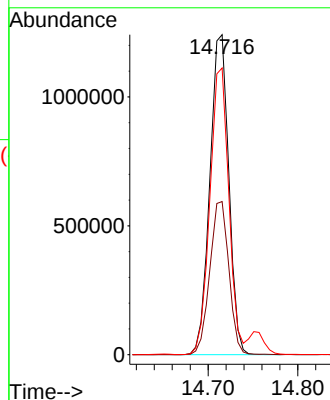
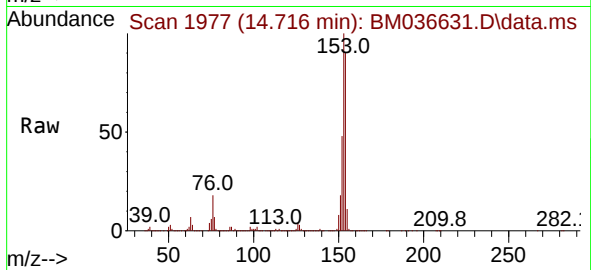
Tgt Ion:153 Resp: 1816563

Ion Ratio Lower Upper

153 100

152 47.9 38.2 57.2

154 89.6 71.0 106.6



#53

2,4-Dinitrophenol

Concen: 37.650 ng/ul

RT: 14.757 min Scan# 1984

Delta R.T. 0.006 min

Lab File: BM036631.D

Acq: 21 Sep 2022 18:48

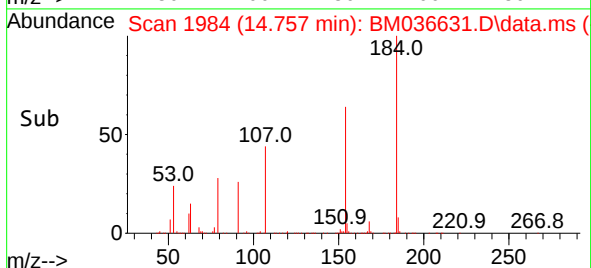
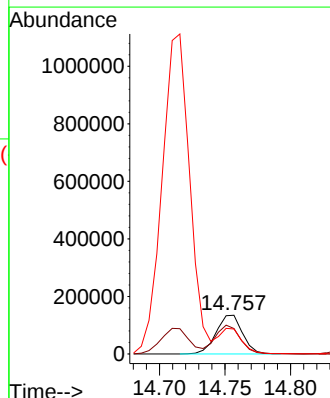
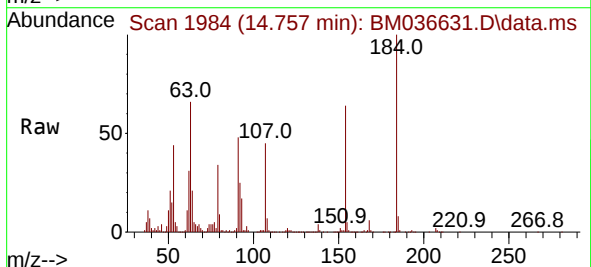
Tgt Ion:184 Resp: 188536

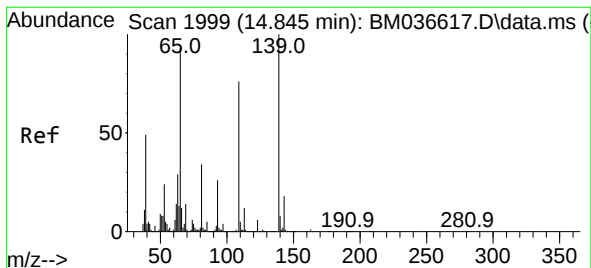
Ion Ratio Lower Upper

184 100

63 65.6 58.8 88.2

154 64.2 55.0 82.4

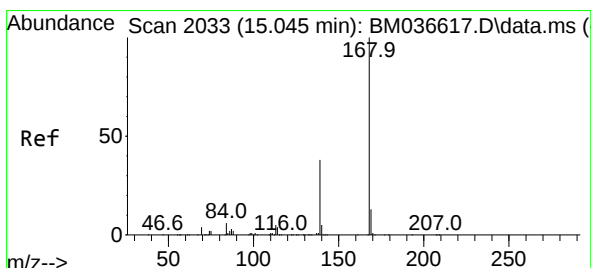
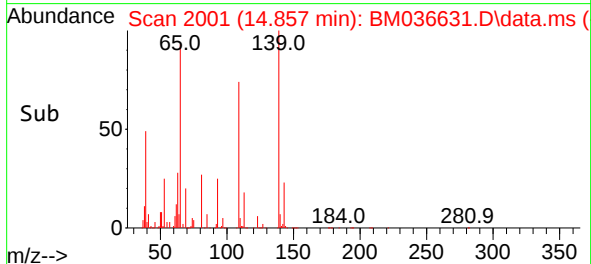
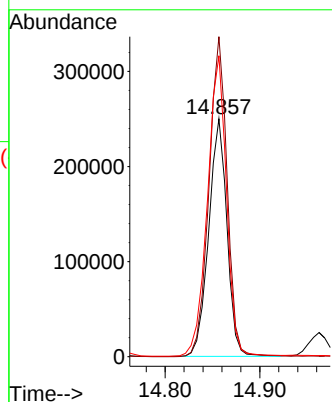
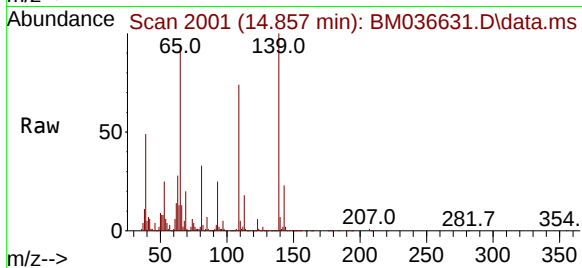




#55
4-Nitrophenol
Concen: 30.770 ng/ul
RT: 14.857 min Scan# 2001
Delta R.T. 0.012 min
Lab File: BM036631.D
Acq: 21 Sep 2022 18:48

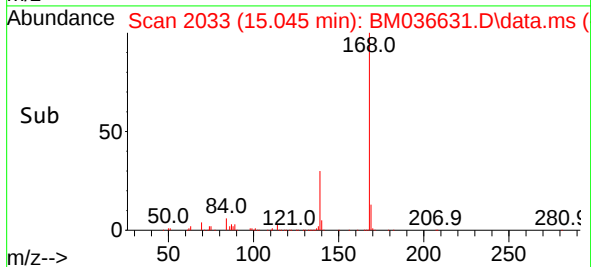
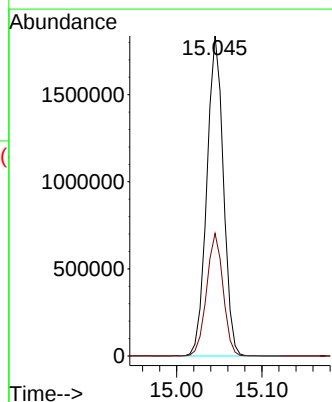
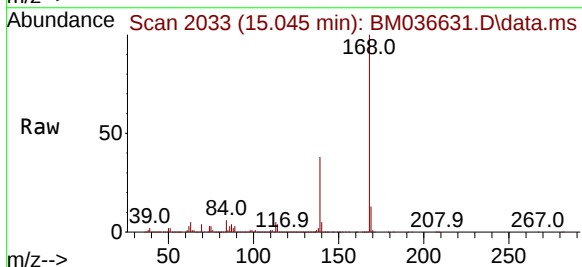
Instrument :
BNA_M
ClientSampleId :

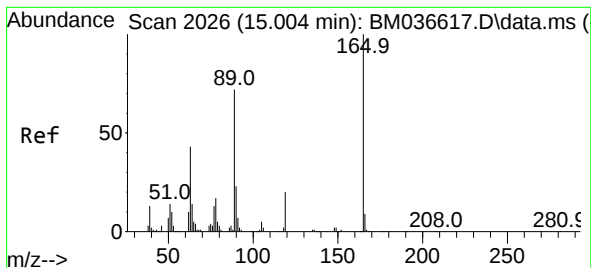
Tgt Ion:109 Resp: 333846
Ion Ratio Lower Upper
109 100
139 134.5 102.2 153.4
65 126.5 105.7 158.5



#56
Dibenzofuran
Concen: 29.672 ng/ul
RT: 15.045 min Scan# 2033
Delta R.T. -0.000 min
Lab File: BM036631.D
Acq: 21 Sep 2022 18:48

Tgt Ion:168 Resp: 2474385
Ion Ratio Lower Upper
168 100
139 38.3 29.7 44.5





#57

2,4-Dinitrotoluene

Concen: 37.555 ng/ul

RT: 15.004 min Scan# 2026

Delta R.T. -0.000 min

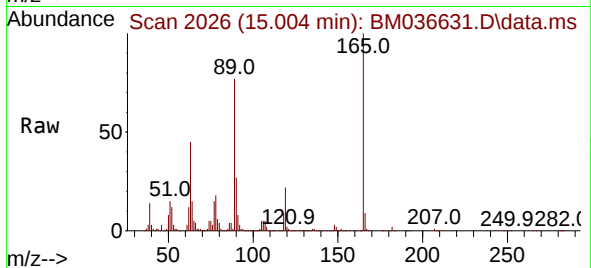
Lab File: BM036631.D

Acq: 21 Sep 2022 18:48

Instrument :

BNA_M

ClientSampleId :



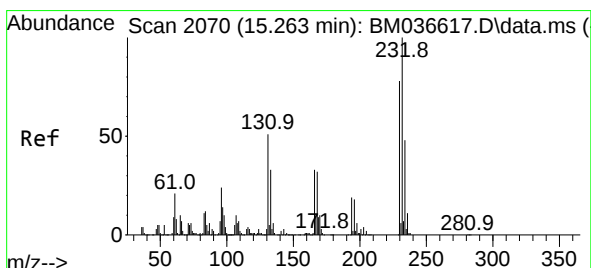
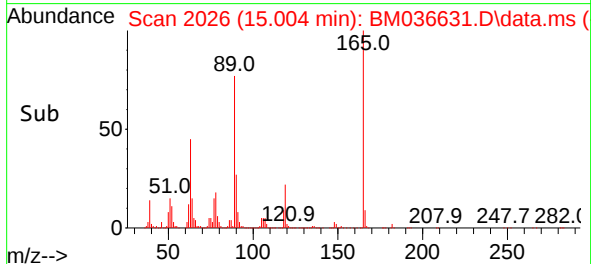
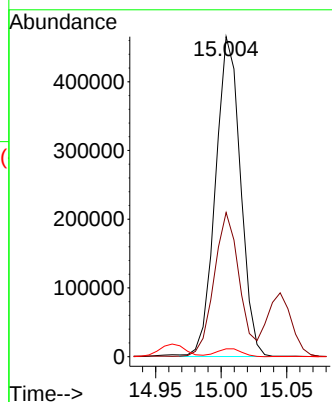
Tgt Ion:165 Resp: 616163

Ion Ratio Lower Upper

165 100

63 45.0 39.7 59.5

182 2.4 2.1 3.1



#58

2,3,4,6-Tetrachlorophenol

Concen: 32.198 ng/ul

RT: 15.268 min Scan# 2071

Delta R.T. 0.006 min

Lab File: BM036631.D

Acq: 21 Sep 2022 18:48

Tgt Ion:232 Resp: 485901

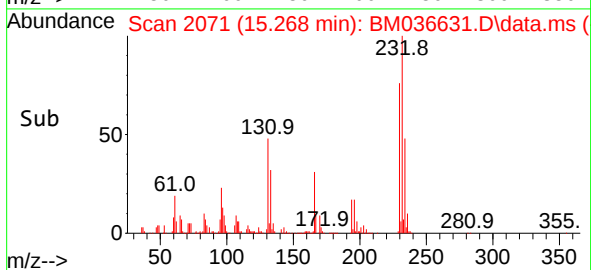
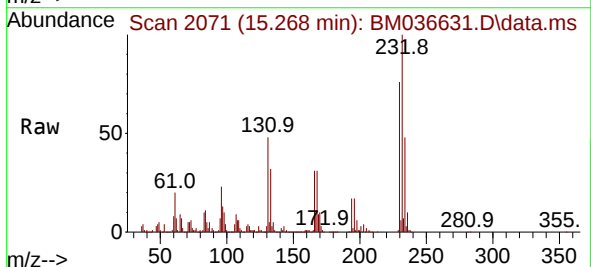
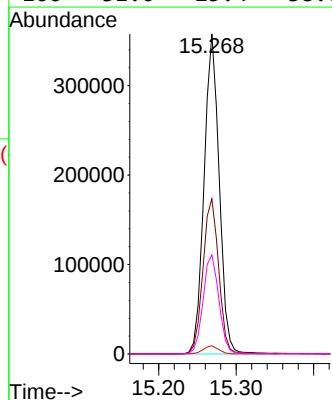
Ion Ratio Lower Upper

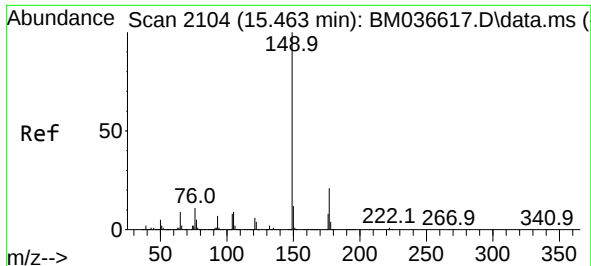
232 100

131 48.5 39.1 58.7

130 2.6 1.8 2.6

166 31.0 25.4 38.0

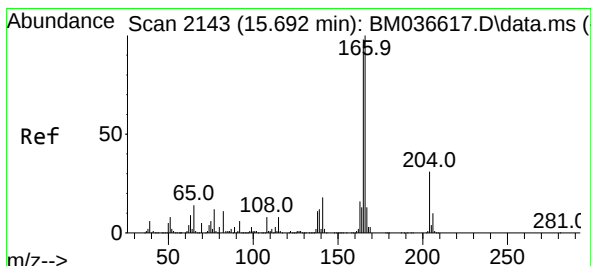
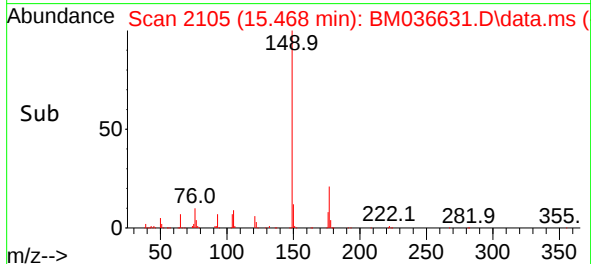
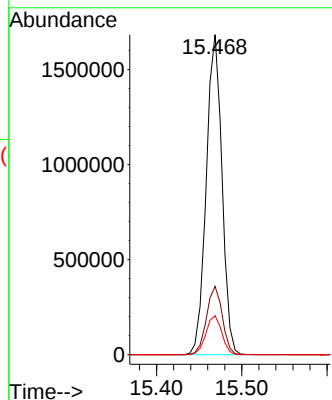
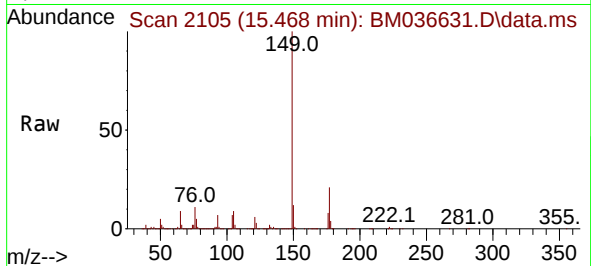




#59
Diethylphthalate
Concen: 31.033 ng/ul
RT: 15.468 min Scan# 2105
Delta R.T. 0.006 min
Lab File: BM036631.D
Acq: 21 Sep 2022 18:48

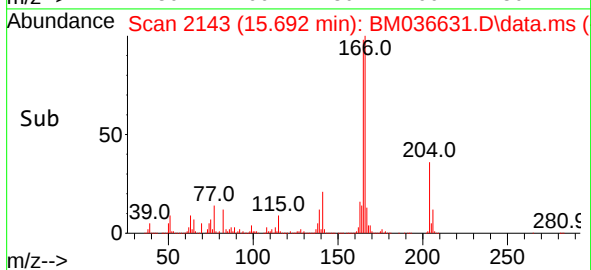
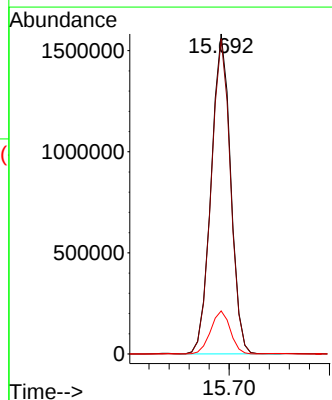
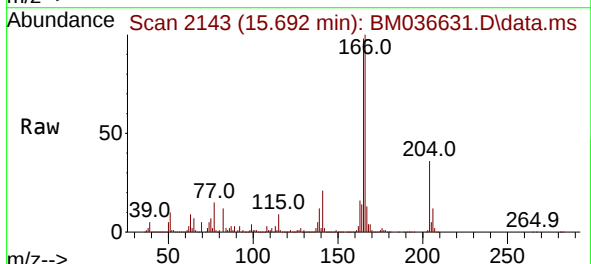
Instrument :
BNA_M
ClientSampleId :

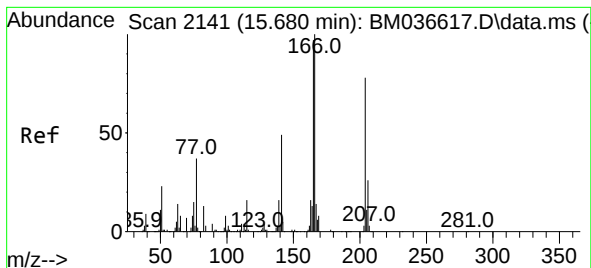
Tgt Ion:149 Resp: 2156451
Ion Ratio Lower Upper
149 100
177 21.3 17.3 25.9
150 12.2 10.1 15.1



#61
Fluorene
Concen: 29.993 ng/ul
RT: 15.692 min Scan# 2143
Delta R.T. -0.000 min
Lab File: BM036631.D
Acq: 21 Sep 2022 18:48

Tgt Ion:166 Resp: 2130187
Ion Ratio Lower Upper
166 100
165 98.5 78.5 117.7
167 13.4 10.4 15.6

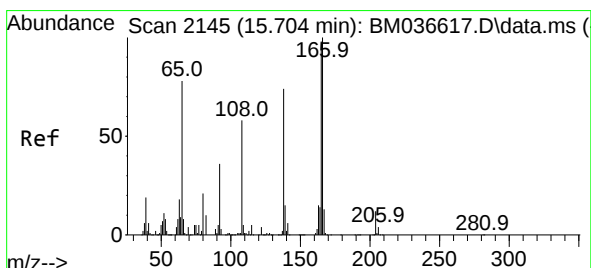
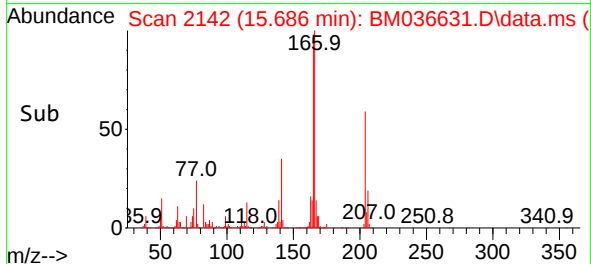
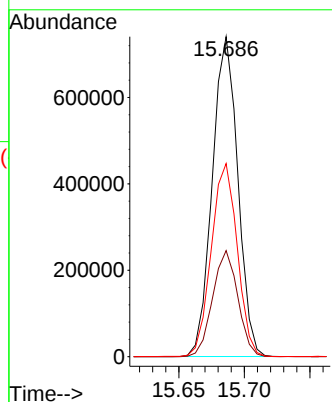
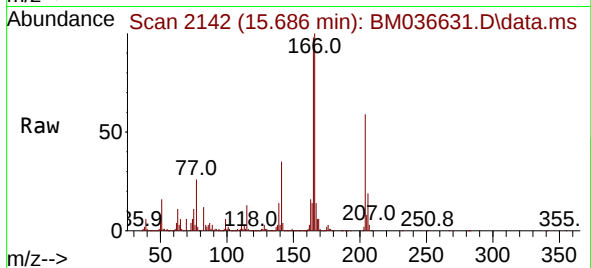




#62
4-Chlorophenyl-phenylether
Concen: 29.463 ng/ul
RT: 15.686 min Scan# 2141
Delta R.T. 0.006 min
Lab File: BM036631.D
Acq: 21 Sep 2022 18:48

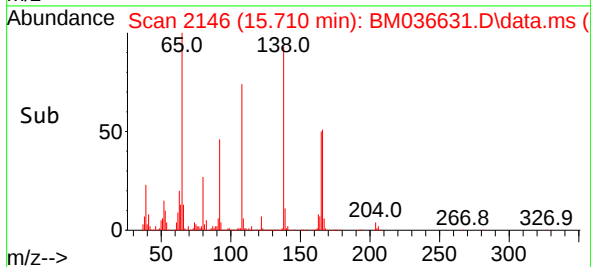
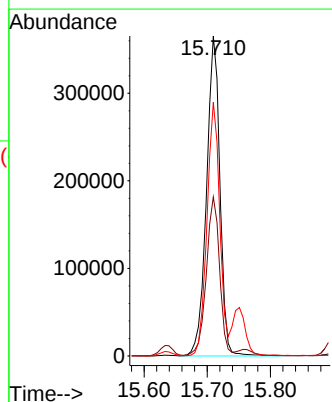
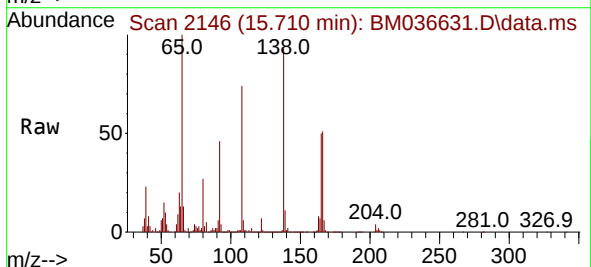
Instrument :
BNA_M
ClientSampleId :

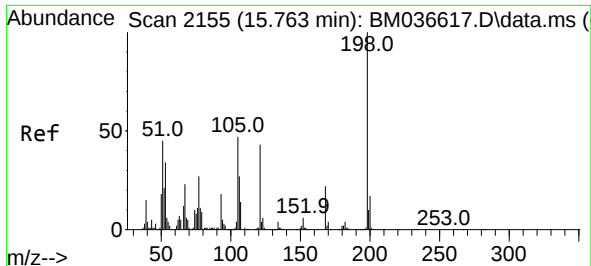
Tgt Ion:204 Resp: 1000761
Ion Ratio Lower Upper
204 100
206 33.1 25.7 38.5
141 60.4 49.4 74.0



#63
4-Nitroaniline
Concen: 41.160 ng/ul
RT: 15.710 min Scan# 2146
Delta R.T. 0.006 min
Lab File: BM036631.D
Acq: 21 Sep 2022 18:48

Tgt Ion:138 Resp: 541276
Ion Ratio Lower Upper
138 100
92 49.7 42.1 63.1
108 79.2 66.2 99.2

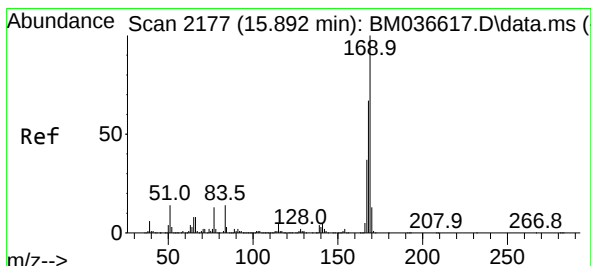
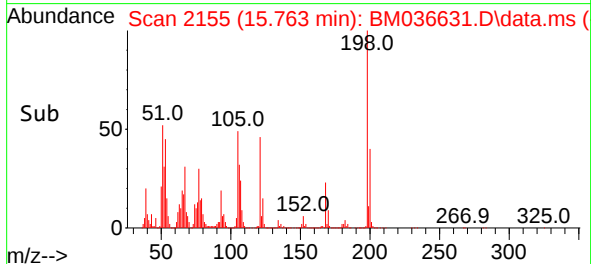
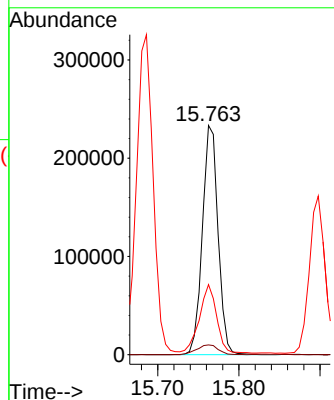
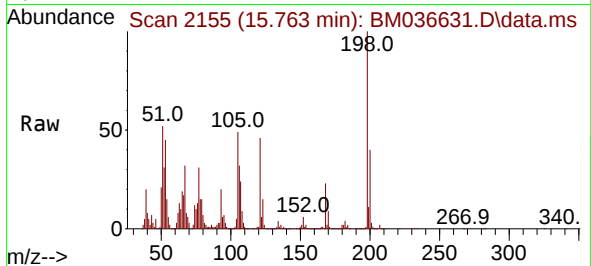




#66
 4,6-Dinitro-2-methylphenol
 Concen: 35.270 ng/ul
 RT: 15.763 min Scan# 2155
 Delta R.T. -0.000 min
 Lab File: BM036631.D
 Acq: 21 Sep 2022 18:48

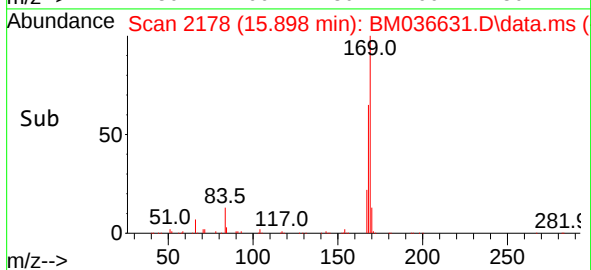
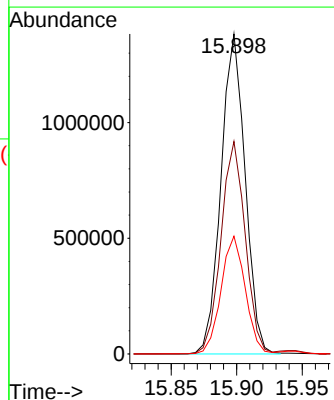
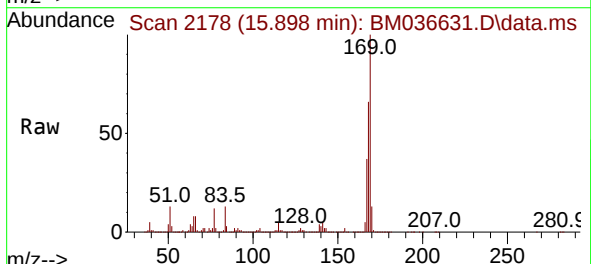
Instrument :
 BNA_M
 ClientSampleId :

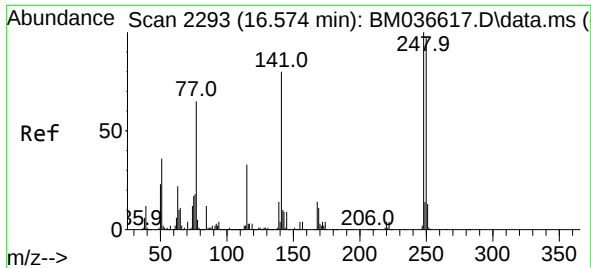
Tgt Ion:198 Resp: 313148
 Ion Ratio Lower Upper
 198 100
 182 4.3 4.2 6.2
 77 30.6 24.0 36.0



#67
 N-Nitrosodiphenylamine
 Concen: 30.219 ng/ul
 RT: 15.898 min Scan# 2178
 Delta R.T. 0.006 min
 Lab File: BM036631.D
 Acq: 21 Sep 2022 18:48

Tgt Ion:169 Resp: 1769960
 Ion Ratio Lower Upper
 169 100
 168 66.4 54.6 81.8
 167 36.8 29.6 44.4

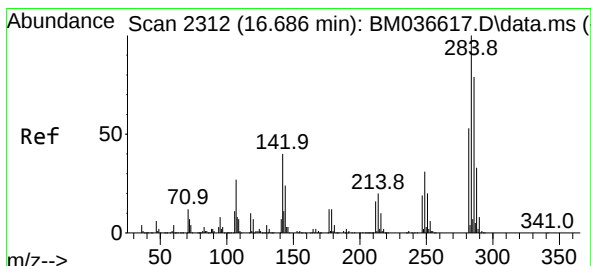
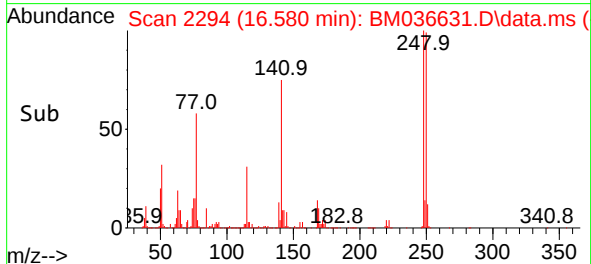
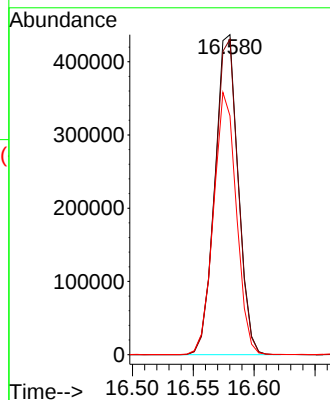
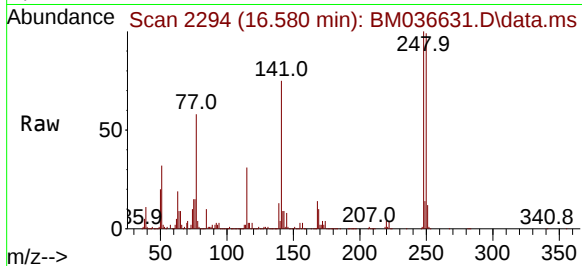




#68
4-Bromophenyl-phenylether
Concen: 29.778 ng/ul
RT: 16.580 min Scan# 21
Delta R.T. 0.006 min
Lab File: BM036631.D
Acq: 21 Sep 2022 18:48

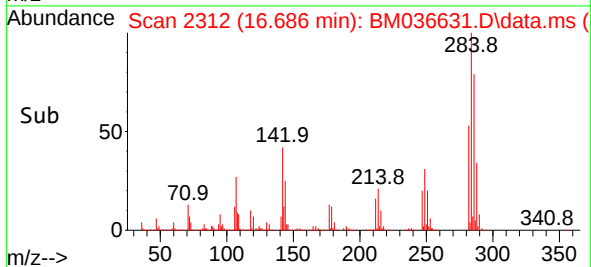
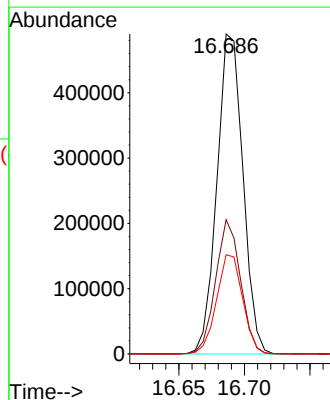
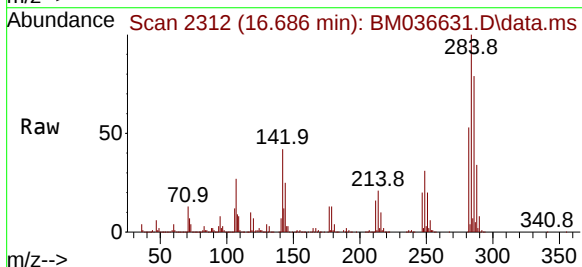
Instrument :
BNA_M
ClientSampleId :

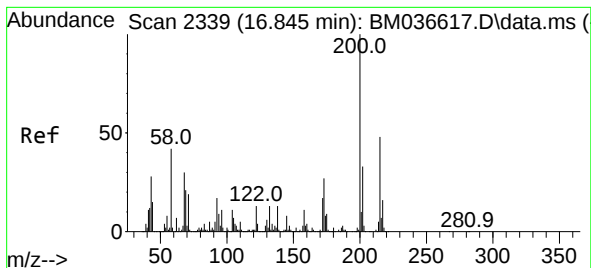
Tgt Ion:248 Resp: 583667
Ion Ratio Lower Upper
248 100
250 98.6 78.9 118.3
141 74.6 65.7 98.5



#69
Hexachlorobenzene
Concen: 29.129 ng/ul
RT: 16.686 min Scan# 2312
Delta R.T. -0.000 min
Lab File: BM036631.D
Acq: 21 Sep 2022 18:48

Tgt Ion:284 Resp: 675305
Ion Ratio Lower Upper
284 100
142 42.0 30.8 46.2
249 31.0 24.2 36.2





#70

Atrazine

Concen: 15.325 ng/ul

RT: 16.845 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM036631.D

Acq: 21 Sep 2022 18:48

Instrument :

BNA_M

ClientSampleId :

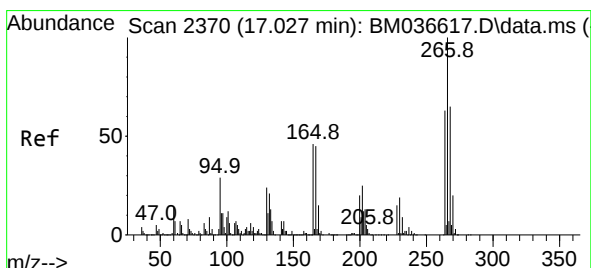
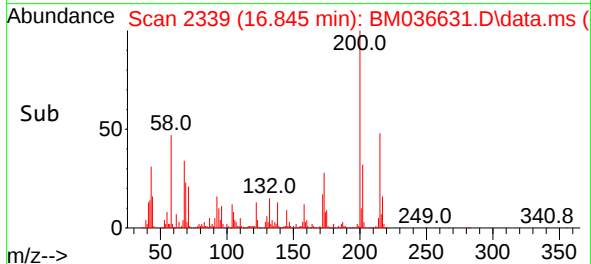
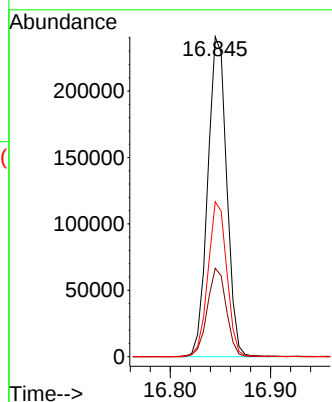
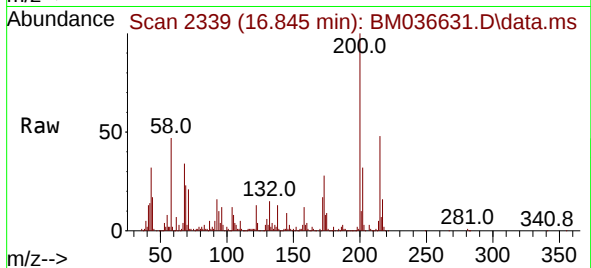
Tgt Ion:200 Resp: 316751

Ion Ratio Lower Upper

200 100

173 27.7 21.8 32.6

215 48.4 39.4 59.2



#71

Pentachlorophenol

Concen: 29.085 ng/ul

RT: 17.033 min Scan# 2371

Delta R.T. 0.006 min

Lab File: BM036631.D

Acq: 21 Sep 2022 18:48

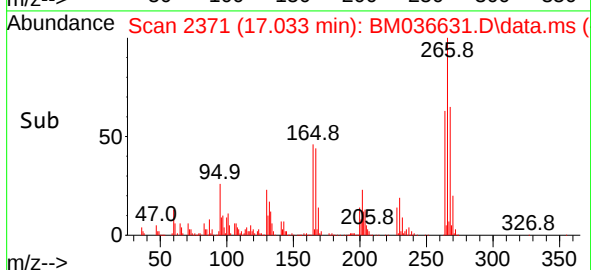
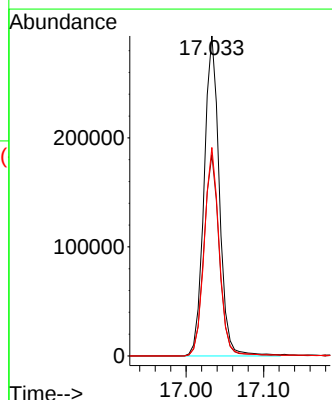
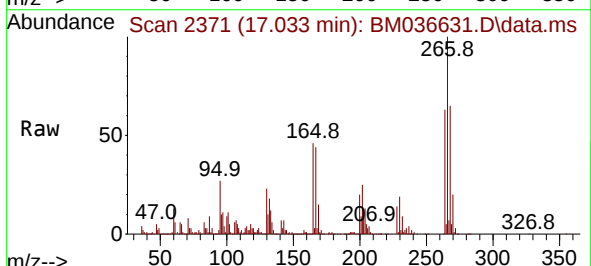
Tgt Ion:266 Resp: 400523

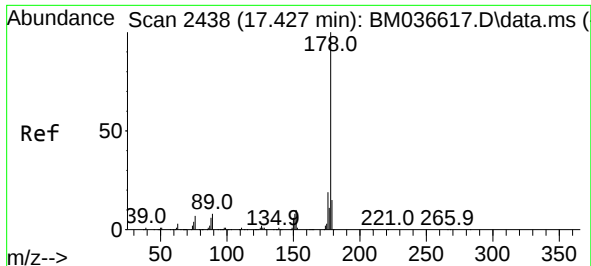
Ion Ratio Lower Upper

266 100

264 62.9 49.7 74.5

268 65.1 51.8 77.6

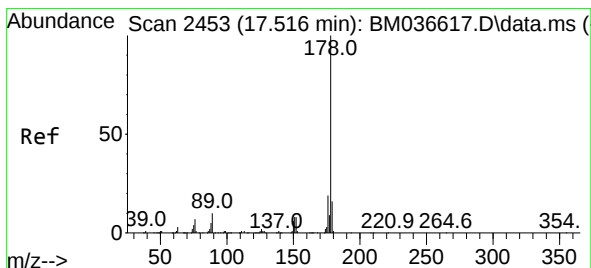
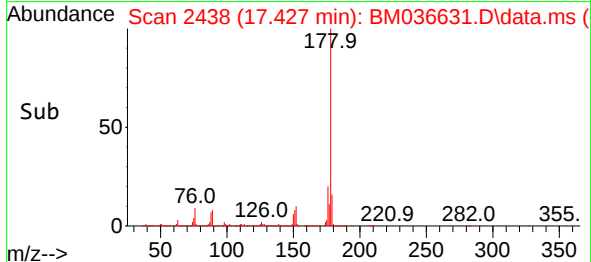
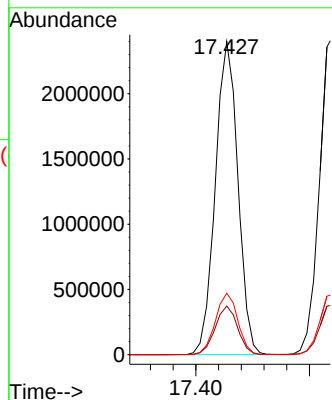
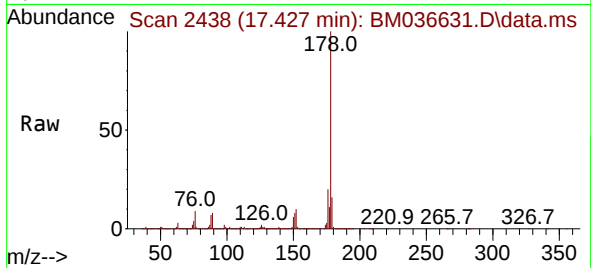




#72
 Phenanthrene
 Concen: 30.241 ng/ul
 RT: 17.427 min Scan# 2438
 Delta R.T. -0.000 min
 Lab File: BM036631.D
 Acq: 21 Sep 2022 18:48

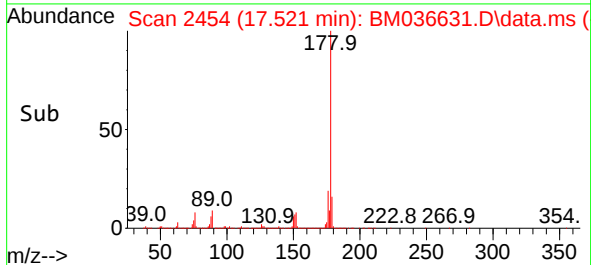
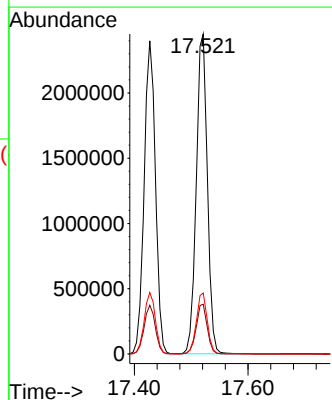
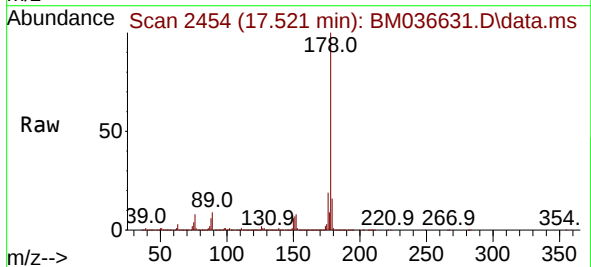
Instrument :
 BNA_M
 ClientSampleId :

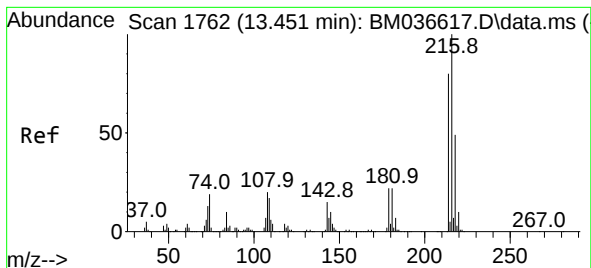
Tgt Ion:178 Resp: 3312471
 Ion Ratio Lower Upper
 178 100
 179 15.5 12.2 18.2
 176 19.6 15.7 23.5



#74
 Anthracene
 Concen: 30.010 ng/ul
 RT: 17.521 min Scan# 2454
 Delta R.T. 0.006 min
 Lab File: BM036631.D
 Acq: 21 Sep 2022 18:48

Tgt Ion:178 Resp: 3341211
 Ion Ratio Lower Upper
 178 100
 179 15.5 12.3 18.5
 176 19.1 15.0 22.6





#75

1,2,3,4-Tetrachlorobenzene

Concen: 30.565 ng/uL

RT: 13.451 min Scan# 11

Delta R.T. -0.000 min

Lab File: BM036631.D

Acq: 21 Sep 2022 18:48

Instrument :

BNA_M

ClientSampleId :

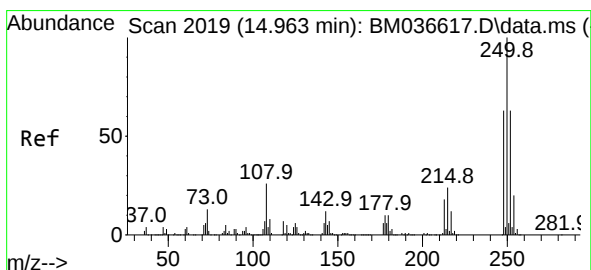
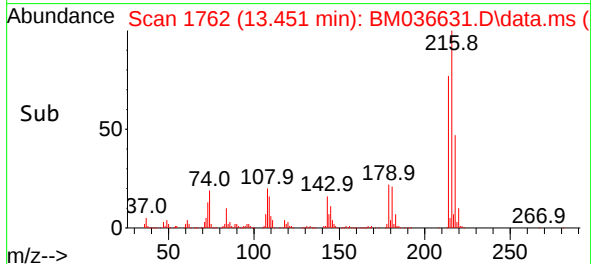
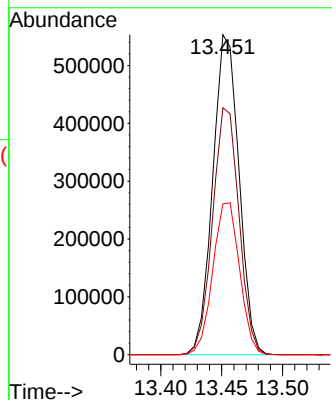
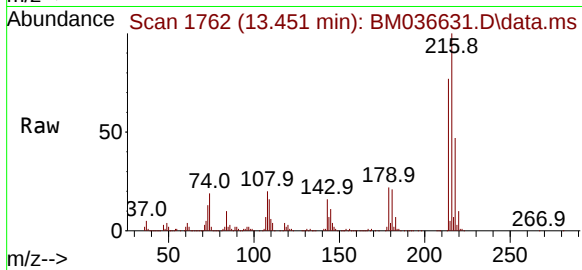
Tgt Ion:216 Resp: 831324

Ion Ratio Lower Upper

216 100

214 77.2 62.6 94.0

218 47.1 38.2 57.2



#76

Pentachlorobenzene

Concen: 25.982 ng/uL

RT: 14.963 min Scan# 2019

Delta R.T. -0.000 min

Lab File: BM036631.D

Acq: 21 Sep 2022 18:48

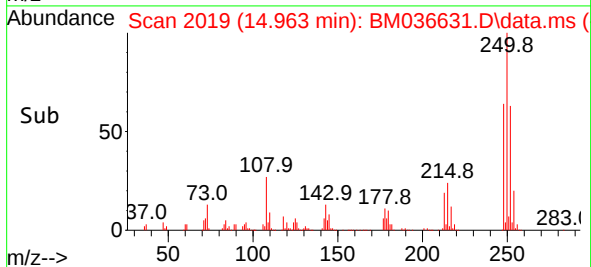
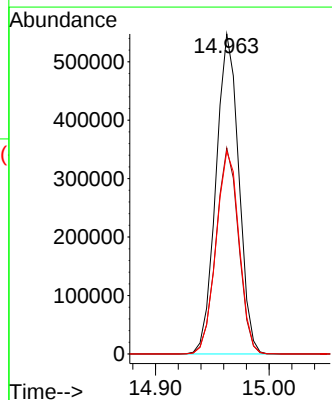
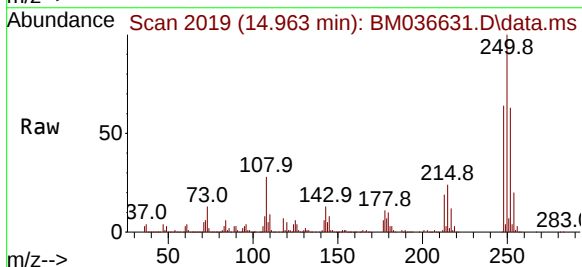
Tgt Ion:250 Resp: 764328

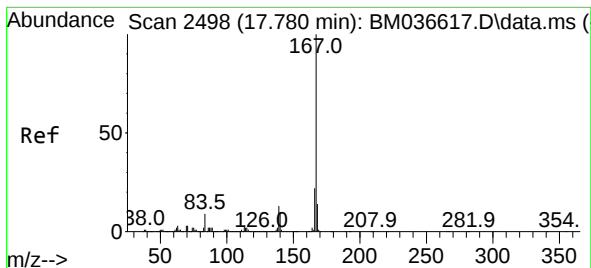
Ion Ratio Lower Upper

250 100

248 64.3 50.2 75.2

252 63.3 50.5 75.7





#77

Carbazole

Concen: 30.275 ng/ul

RT: 17.786 min Scan# 2499

Delta R.T. 0.006 min

Lab File: BM036631.D

Acq: 21 Sep 2022 18:48

Instrument :

BNA_M

ClientSampleId :

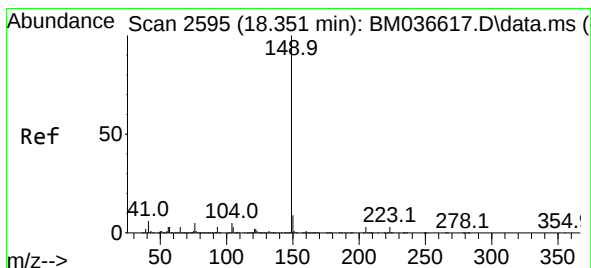
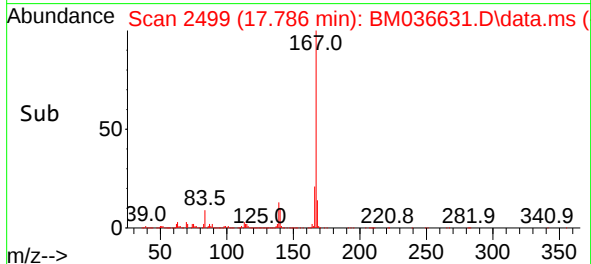
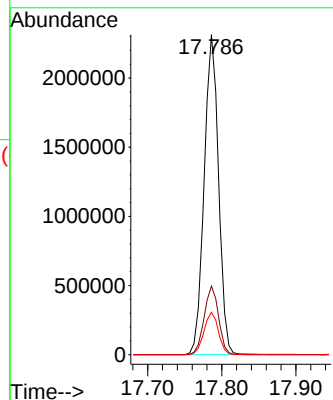
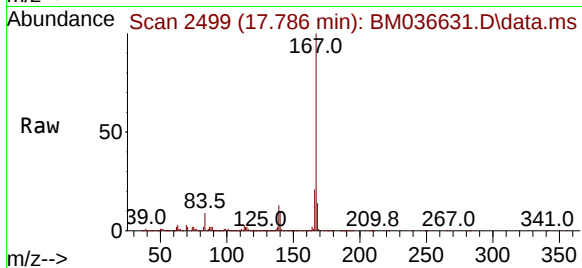
Tgt Ion:167 Resp: 3120745

Ion Ratio Lower Upper

167 100

166 21.4 17.2 25.8

139 13.3 10.6 15.8



#78

Di-n-butylphthalate

Concen: 32.512 ng/ul

RT: 18.351 min Scan# 2595

Delta R.T. -0.000 min

Lab File: BM036631.D

Acq: 21 Sep 2022 18:48

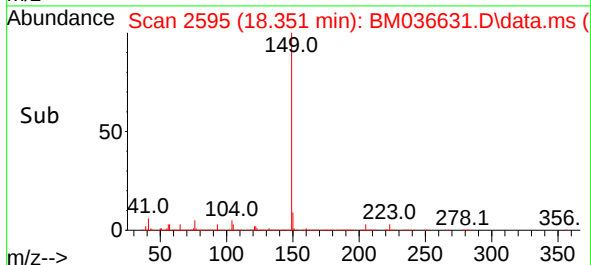
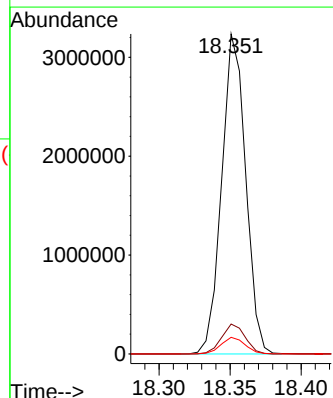
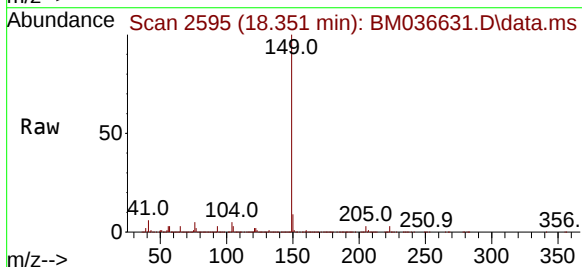
Tgt Ion:149 Resp: 3798514

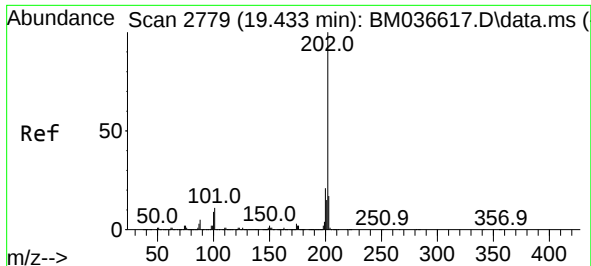
Ion Ratio Lower Upper

149 100

150 9.3 7.2 10.8

104 5.2 4.3 6.5

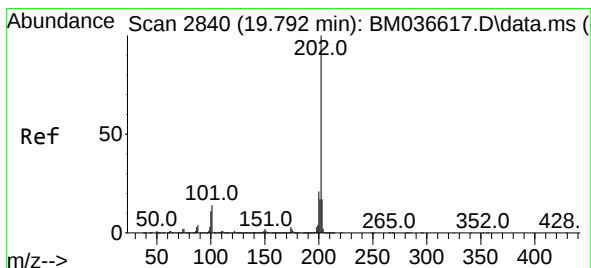
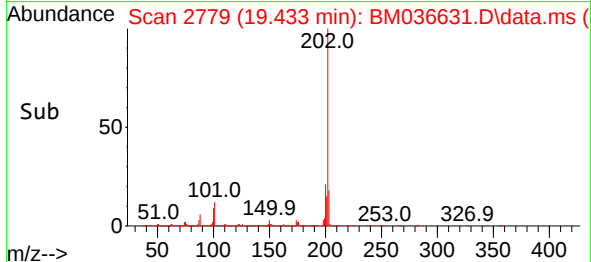
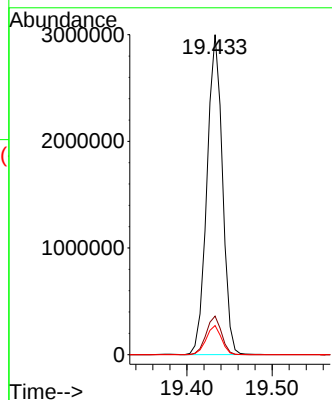
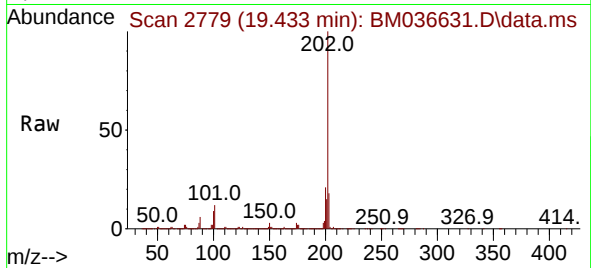




#80
Fluoranthene
Concen: 33.921 ng/ul
RT: 19.433 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM036631.D
Acq: 21 Sep 2022 18:48

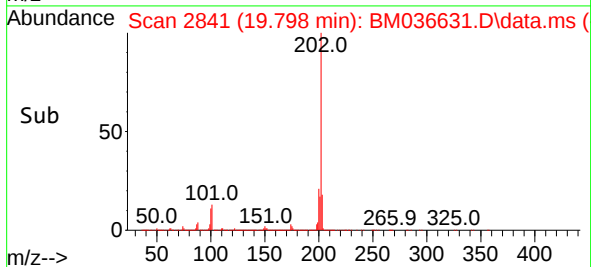
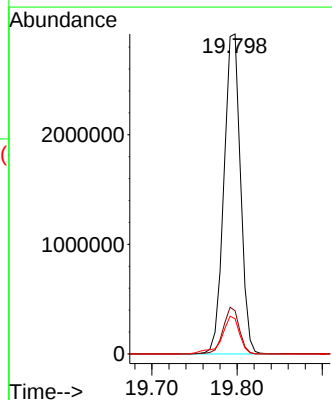
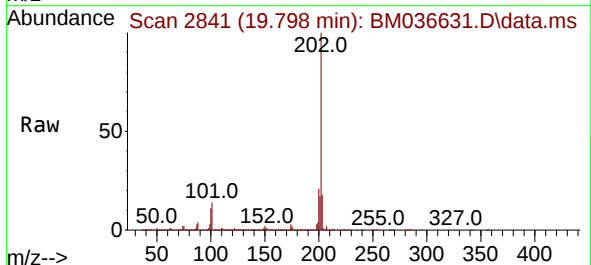
Instrument :
BNA_M
ClientSampleId :

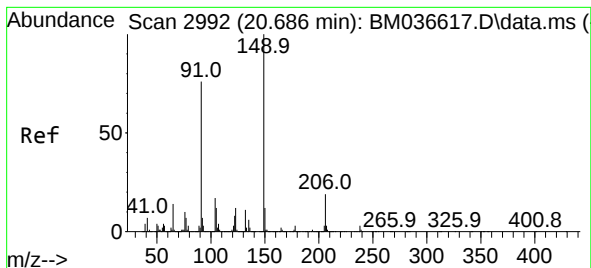
Tgt Ion:202 Resp: 3777550
Ion Ratio Lower Upper
202 100
101 12.0 9.8 14.6
100 9.1 7.4 11.2



#82
Pyrene
Concen: 33.444 ng/ul
RT: 19.798 min Scan# 2841
Delta R.T. 0.006 min
Lab File: BM036631.D
Acq: 21 Sep 2022 18:48

Tgt Ion:202 Resp: 3942390
Ion Ratio Lower Upper
202 100
101 13.5 10.9 16.3
100 11.0 8.7 13.1





#83

Butylbenzylphthalate

Concen: 37.802 ng/ul

RT: 20.692 min Scan# 2993

Delta R.T. 0.006 min

Lab File: BM036631.D

Acq: 21 Sep 2022 18:48

Instrument :

BNA_M

ClientSampleId :

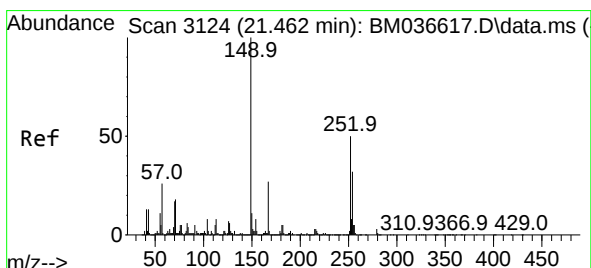
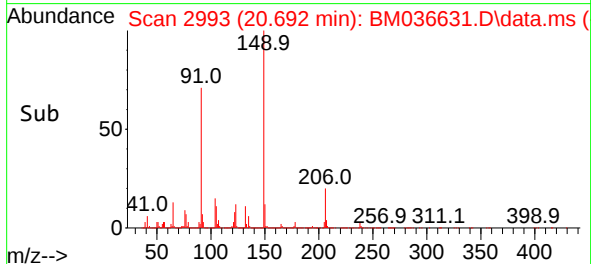
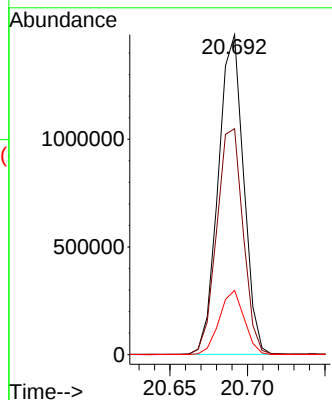
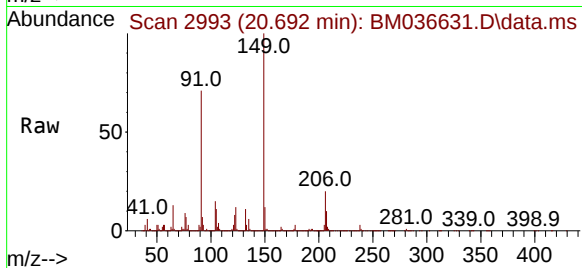
Tgt Ion:149 Resp: 1688545

Ion Ratio Lower Upper

149 100

91 70.6 55.2 82.8

206 20.1 16.2 24.2



#84

3,3'-Dichlorobenzidine

Concen: 34.550 ng/ul

RT: 21.468 min Scan# 3125

Delta R.T. 0.006 min

Lab File: BM036631.D

Acq: 21 Sep 2022 18:48

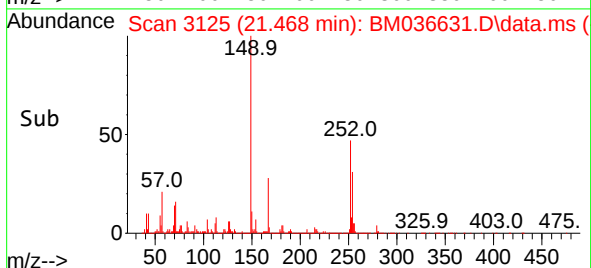
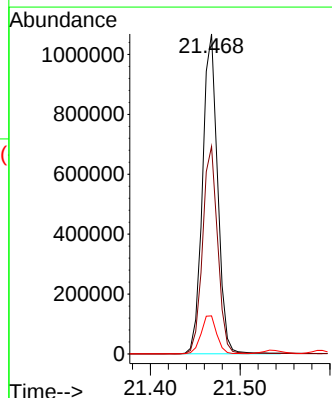
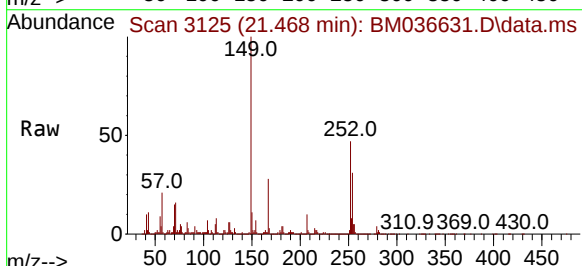
Tgt Ion:252 Resp: 1247056

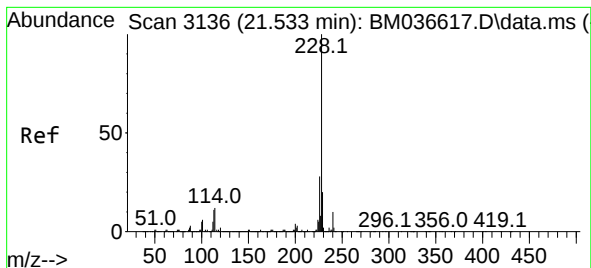
Ion Ratio Lower Upper

252 100

254 64.9 53.0 79.4

126 11.9 10.4 15.6





#85

Benzo(a)anthracene

Concen: 31.377 ng/ul

RT: 21.533 min Scan# 3136

Delta R.T. -0.000 min

Lab File: BM036631.D

Acq: 21 Sep 2022 18:48

Instrument :

BNA_M

ClientSampleId :

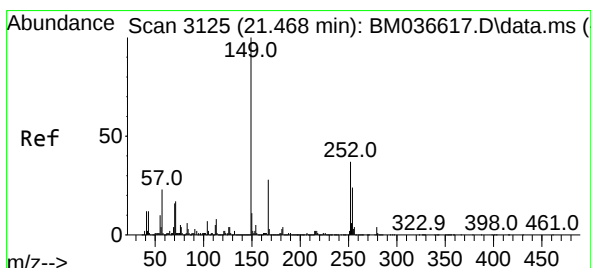
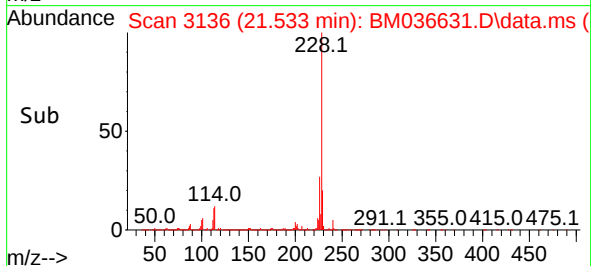
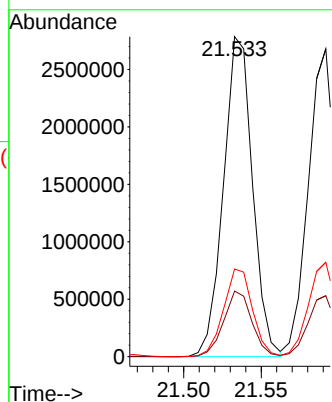
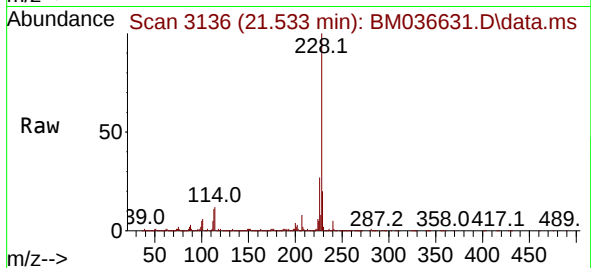
Tgt Ion:228 Resp: 3631642

Ion Ratio Lower Upper

228 100

229 20.5 15.8 23.8

226 27.4 21.9 32.9



#86

Bis(2-ethylhexyl)phthalate

Concen: 38.259 ng/ul

RT: 21.468 min Scan# 3125

Delta R.T. -0.000 min

Lab File: BM036631.D

Acq: 21 Sep 2022 18:48

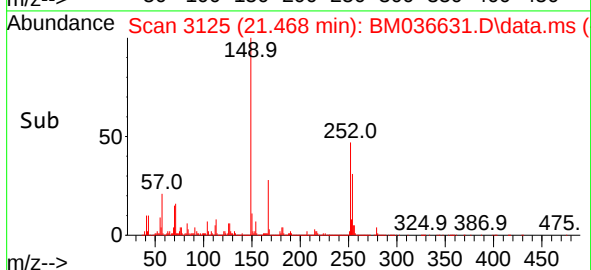
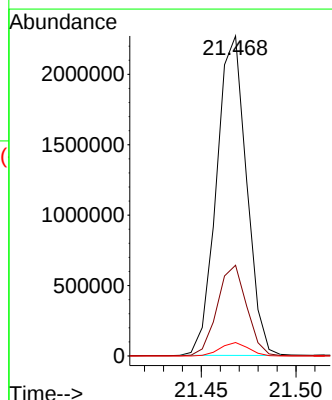
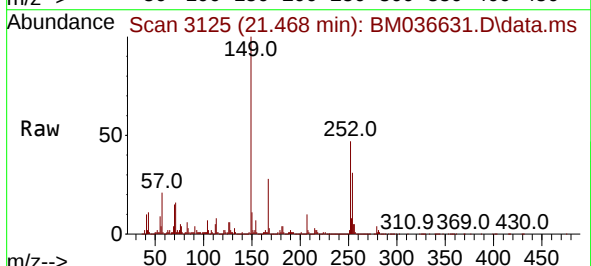
Tgt Ion:149 Resp: 2496395

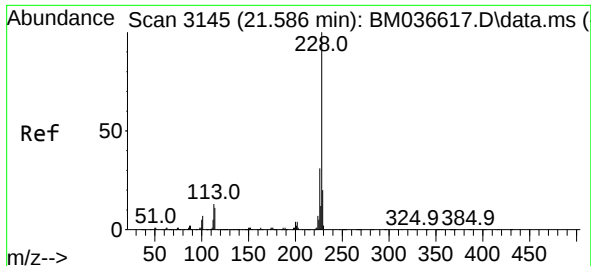
Ion Ratio Lower Upper

149 100

167 28.3 22.0 33.0

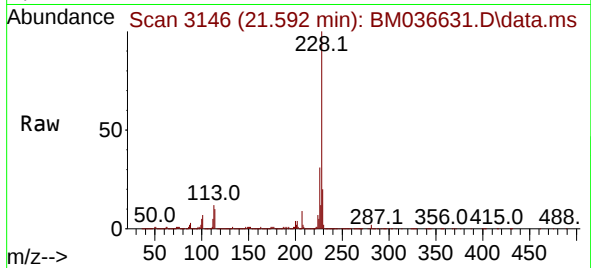
279 4.2 3.3 4.9



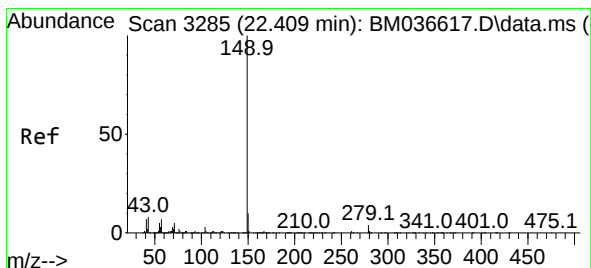
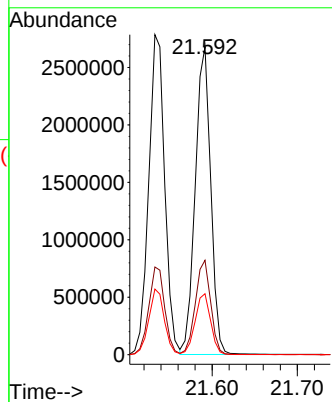
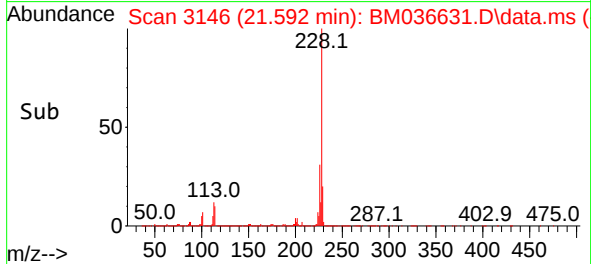


#87
Chrysene
Concen: 30.761 ng/ul
RT: 21.592 min Scan# 3145
Delta R.T. 0.006 min
Lab File: BM036631.D
Acq: 21 Sep 2022 18:48

Instrument :
BNA_M
ClientSampleId :

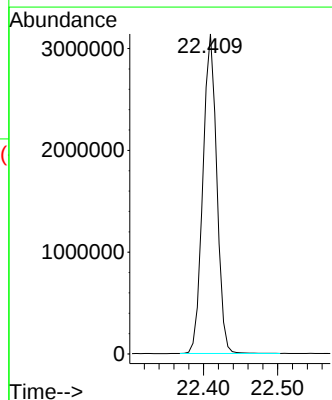
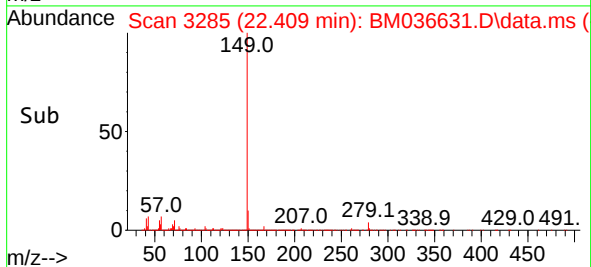
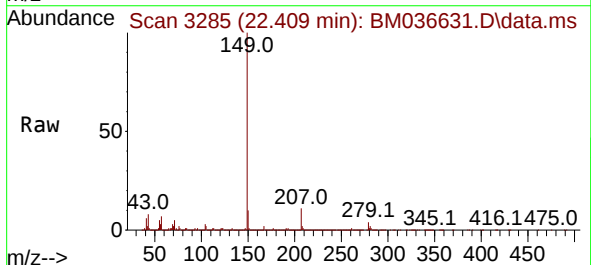


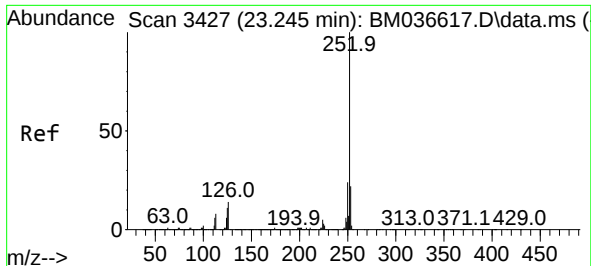
Tgt Ion:228 Resp: 3379417
Ion Ratio Lower Upper
228 100
226 30.7 24.4 36.6
229 19.8 15.6 23.4



#89
Di-n-octyl phthalate
Concen: 43.311 ng/ul
RT: 22.409 min Scan# 3285
Delta R.T. -0.000 min
Lab File: BM036631.D
Acq: 21 Sep 2022 18:48

Tgt Ion:149 Resp: 4087843

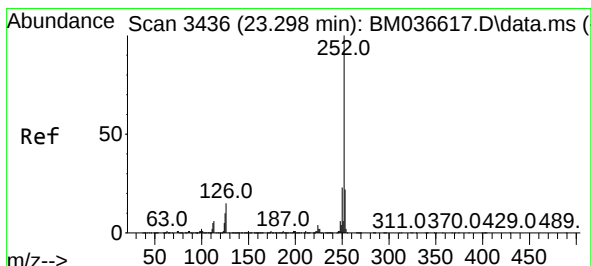
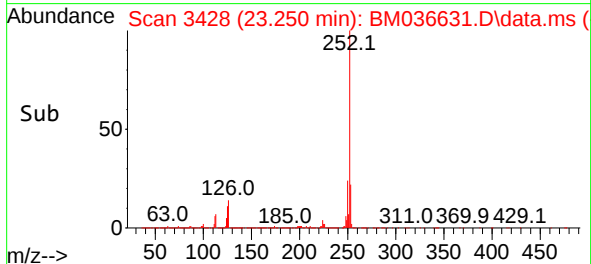
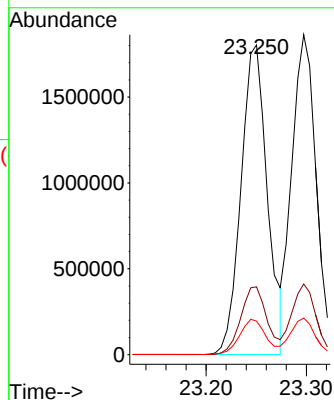
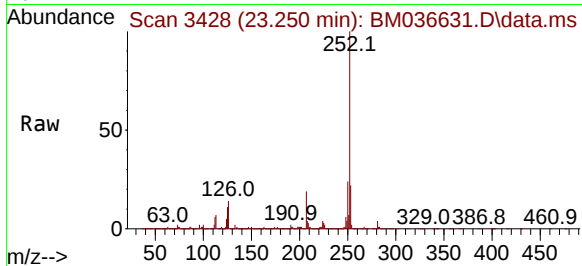




#90
Benzo(b)fluoranthene
Concen: 33.180 ng/ul
RT: 23.250 min Scan# 3427
Delta R.T. 0.006 min
Lab File: BM036631.D
Acq: 21 Sep 2022 18:48

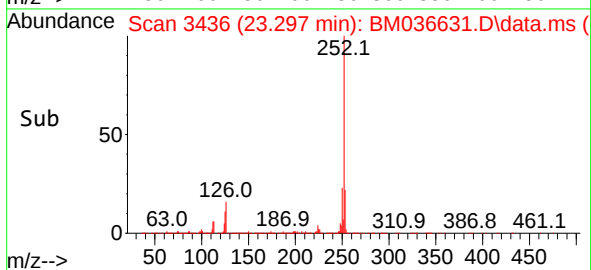
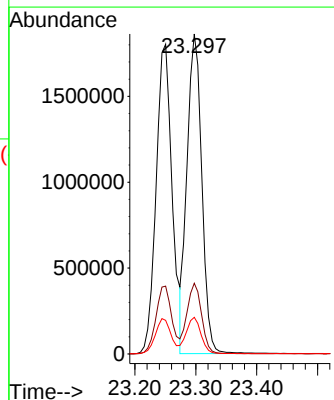
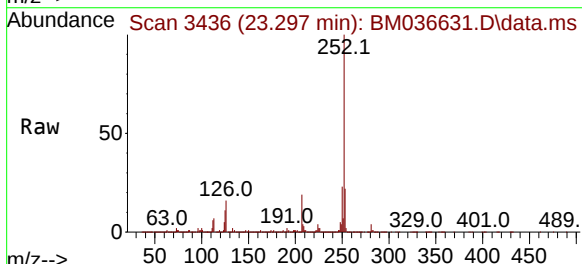
Instrument :
BNA_M
ClientSampleId :

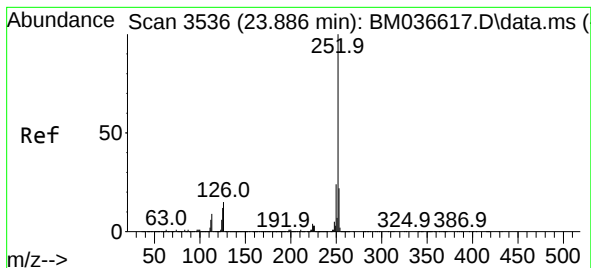
Tgt Ion:252 Resp: 3294011
Ion Ratio Lower Upper
252 100
253 21.9 17.6 26.4
125 10.9 9.1 13.7



#91
Benzo(k)fluoranthene
Concen: 31.661 ng/ul
RT: 23.297 min Scan# 3436
Delta R.T. -0.000 min
Lab File: BM036631.D
Acq: 21 Sep 2022 18:48

Tgt Ion:252 Resp: 3140829
Ion Ratio Lower Upper
252 100
253 22.1 17.8 26.8
125 11.4 8.2 12.4





#93

Benzo(a)pyrene

Concen: 31.476 ng/ul

RT: 23.886 min Scan# 3536

Delta R.T. -0.000 min

Lab File: BM036631.D

Acq: 21 Sep 2022 18:48

Instrument :

BNA_M

ClientSampleId :

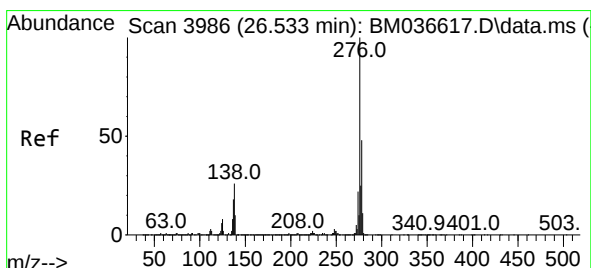
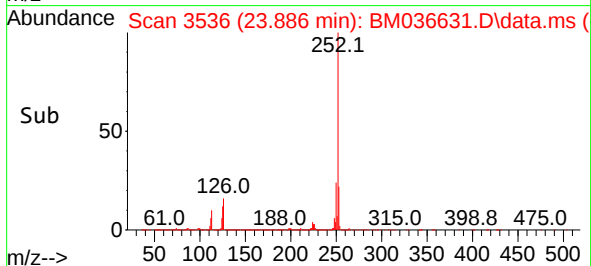
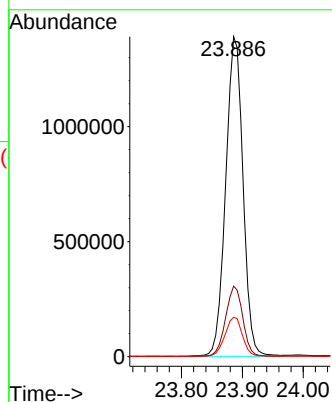
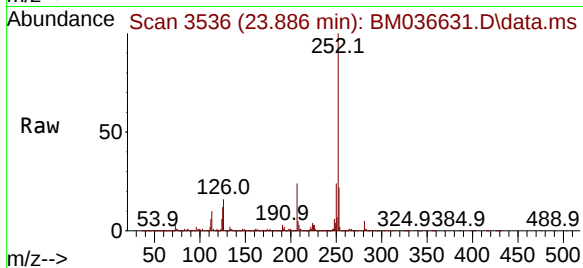
Tgt Ion:252 Resp: 2747096

Ion Ratio Lower Upper

252 100

253 22.1 17.5 26.3

125 12.3 9.5 14.3



#94

Indeno(1,2,3-cd)pyrene

Concen: 29.226 ng/ul

RT: 26.544 min Scan# 3988

Delta R.T. 0.012 min

Lab File: BM036631.D

Acq: 21 Sep 2022 18:48

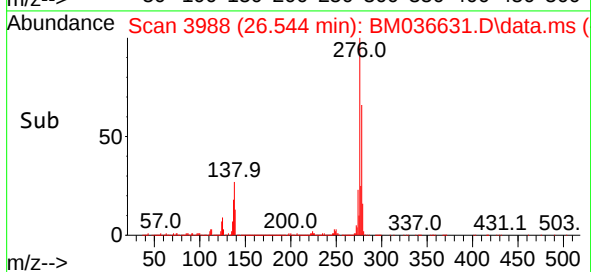
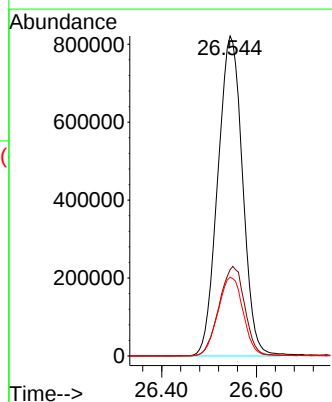
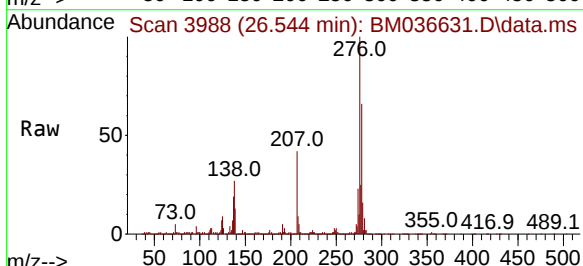
Tgt Ion:276 Resp: 2978704

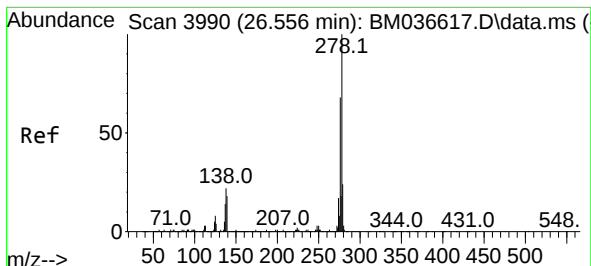
Ion Ratio Lower Upper

276 100

138 27.0 20.2 30.4

277 24.6 19.7 29.5





#95

Dibenzo(a,h)anthracene

Concen: 29.489 ng/ul

RT: 26.562 min Scan# 3990

Delta R.T. 0.006 min

Lab File: BM036631.D

Acq: 21 Sep 2022 18:48

Instrument :

BNA_M

ClientSampleId :

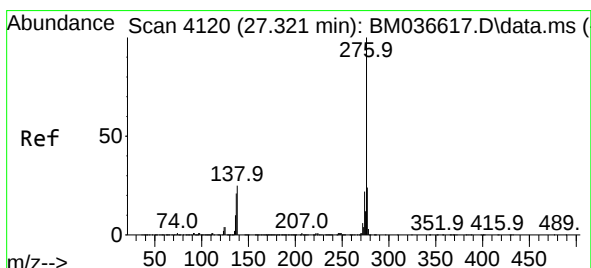
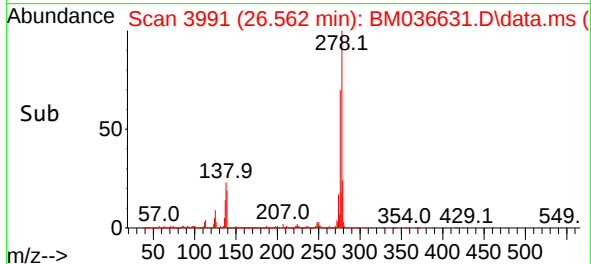
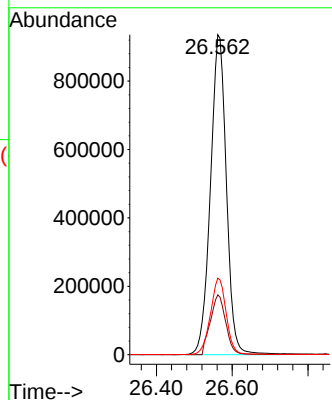
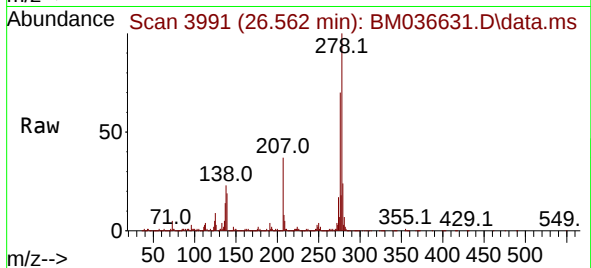
Tgt Ion:278 Resp: 2725633

Ion Ratio Lower Upper

278 100

139 18.7 14.5 21.7

279 23.9 19.7 29.5



#96

Benzo(g,h,i)perylene

Concen: 29.104 ng/ul

RT: 27.327 min Scan# 4121

Delta R.T. 0.006 min

Lab File: BM036631.D

Acq: 21 Sep 2022 18:48

Tgt Ion:276 Resp: 2571463

Ion Ratio Lower Upper

276 100

138 24.6 18.7 28.1

277 23.8 19.2 28.8

