

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM092122\
 Data File : BM036633.D
 Acq On : 21 Sep 2022 20:00
 Operator : CG/JU
 Sample : SSTDCCC020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Sep 21 22:53:10 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	347985	20.000	ng/u1	0.00
20) Naphthalene-d8	10.834	136	1596924	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.645	164	1035140	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.380	188	2095343	20.000	ng/u1	0.00
79) Chrysene-d12	21.545	240	1835607	20.000	ng/u1	0.00
88) Perylene-d12	23.986	264	1584134	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.393	96	66350	7.148	ng/uL	0.00
4) Pyridine-d5	3.822	84	514566	19.007	ng/u1	0.00
7) Phenol-d5	7.181	99	627740	20.186	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.346	67	375285	19.872	ng/u1	0.00
11) 2-Chlorophenol-d4	7.551	132	485814	21.699	ng/u1	0.00
15) 4-Methylphenol-d8	8.734	113	501784	21.838	ng/u1	0.00
21) Nitrobenzene-d5	9.187	128	251053	23.227	ng/u1	0.00
24) 2-Nitrophenol-d4	9.910	143	253601	26.194	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.451	165	490004	21.839	ng/u1	0.00
31) 4-Chloroaniline-d4	10.969	131	743507	19.931	ng/u1	0.00
46) Dimethylphthalate-d6	14.057	166	1419221	20.328	ng/u1	0.00
49) Acenaphthylene-d8	14.339	160	1689645	20.403	ng/u1	0.00
54) 4-Nitrophenol-d4	14.833	143	278221	20.546	ng/u1	0.00
60) Fluorene-d10	15.633	176	1258950	20.122	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.745	200	184003	22.196	ng/u1	0.00
73) Anthracene-d10	17.480	188	1941351	20.264	ng/u1	0.00
81) Pyrene-d10	19.762	212	2080180	23.035	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.827	264	1606270	20.754	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.428	88	74779	7.478	ng/uL	92
5) Pyridine	3.840	79	516810	19.001	ng/u1	95
6) Benzaldehyde	7.157	77	382597	25.407	ng/u1	95
8) Phenol	7.204	94	670268	20.082	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.440	93	534109	20.568	ng/u1	98
12) 2-Chlorophenol	7.581	128	527254	21.770	ng/u1	97
13) 2-Methylphenol	8.469	108	509188	20.756	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.563	45	609930	19.817	ng/u1	97
16) Acetophenone	8.851	105	848960	21.301	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.840	70	422274	21.958	ng/u1	93
18) 4-Methylphenol	8.798	108	566034	21.337	ng/u1	98
19) Hexachloroethane	9.110	117	209891	21.396	ng/u1	95
22) Nitrobenzene	9.228	77	609031	21.222	ng/u1	97
23) Isophorone	9.763	82	1189115	20.322	ng/u1	98
25) 2-Nitrophenol	9.945	139	292276	24.442	ng/u1	96
26) 2,4-Dimethylphenol	10.004	107	622301	21.099	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.245	93	722304	20.710	ng/u1	98
29) 2,4-Dichlorophenol	10.481	162	511293	21.676	ng/u1	99
30) Naphthalene	10.886	128	1779335	20.453	ng/u1	100
32) 4-Chloroaniline	10.992	127	769336	19.975	ng/u1	98
33) Hexachlorobutadiene	11.175	225	293832	20.367	ng/u1	100
34) Caprolactam	11.775	113	165486	21.628	ng/u1	93
35) 4-Chloro-3-methylphenol	12.110	107	562789	21.614	ng/u1	99
36) 2-Methylnaphthalene	12.486	142	1204424	20.780	ng/u1	100

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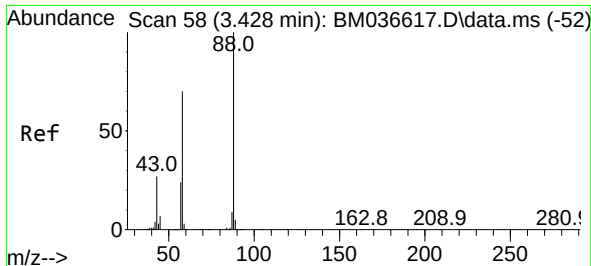
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.704	142	1201690	20.623	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.851	216	594262	20.283	ng/ul	99
40) Hexachlorocyclopentadiene	12.833	237	250205	16.387	ng/ul	100
41) 2,4,6-Trichlorophenol	13.086	196	395007	22.019	ng/ul	98
42) 2,4,5-Trichlorophenol	13.157	196	429300	22.321	ng/ul	99
43) 1,1'-Biphenyl	13.486	154	1547546	20.281	ng/ul	99
44) 2-Chloronaphthalene	13.528	162	1226870	20.490	ng/ul	99
45) 2-Nitroaniline	13.727	65	349030	23.682	ng/ul	98
47) Dimethylphthalate	14.104	163	1503727	20.305	ng/ul	100
48) 2,6-Dinitrotoluene	14.222	165	289743	24.064	ng/ul	96
50) Acenaphthylene	14.369	152	1919236	20.271	ng/ul	100
51) 3-Nitroaniline	14.551	138	345472	23.924	ng/ul#	91
52) Acenaphthene	14.710	153	1337797	20.194	ng/ul	99
53) 2,4-Dinitrophenol	14.751	184	117310	21.958	ng/ul	93
55) 4-Nitrophenol	14.851	109	228851	19.770	ng/ul	93
56) Dibenzofuran	15.045	168	1802187	20.257	ng/ul	99
57) 2,4-Dinitrotoluene	15.004	165	418861	23.929	ng/ul	90
58) 2,3,4,6-Tetrachlorophenol	15.269	232	353913	21.982	ng/ul	99
59) Diethylphthalate	15.463	149	1515688	20.445	ng/ul	100
61) Fluorene	15.692	166	1533601	20.240	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.680	204	730616	20.162	ng/ul	99
63) 4-Nitroaniline	15.704	138	355378	25.330	ng/ul	96
66) 4,6-Dinitro-2-methylph...	15.763	198	200474	21.430	ng/ul	97
67) N-Nitrosodiphenylamine	15.892	169	1271113	20.597	ng/ul	99
68) 4-Bromophenyl-phenylether	16.574	248	412057	19.952	ng/ul	100
69) Hexachlorobenzene	16.686	284	476005	19.487	ng/ul	97
70) Atrazine	16.845	200	422801	19.415	ng/ul	99
71) Pentachlorophenol	17.033	266	278841	19.217	ng/ul	98
72) Phenanthrene	17.427	178	2327871	20.170	ng/ul	99
74) Anthracene	17.515	178	2387410	20.351	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.451	216	588168	20.523	ng/ul	100
76) Pentachlorobenzene	14.963	250	629431	20.307	ng/ul	100
77) Carbazole	17.786	167	2171379	19.992	ng/ul	100
78) Di-n-butylphthalate	18.351	149	2599835	21.119	ng/ul	99
80) Fluoranthene	19.433	202	2572623	23.248	ng/ul	99
82) Pyrene	19.792	202	2706465	23.105	ng/ul	100
83) Butylbenzylphthalate	20.686	149	1105871	24.915	ng/ul	96
84) 3,3'-Dichlorobenzidine	21.462	252	800518	22.319	ng/ul	98
85) Benzo(a)anthracene	21.533	228	2409831	20.953	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.462	149	1687295	26.023	ng/ul	99
87) Chrysene	21.586	228	2238251	20.503	ng/ul	99
89) Di-n-octyl phthalate	22.403	149	2599249	27.216	ng/ul	100
90) Benzo(b)fluoranthene	23.245	252	2155976	21.462	ng/ul	100
91) Benzo(k)fluoranthene	23.292	252	2089217	20.814	ng/ul	98
93) Benzo(a)pyrene	23.880	252	1822833	20.641	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.538	276	2026471	19.650	ng/ul	97
95) Dibenzo(a,h)anthracene	26.556	278	1855760	19.842	ng/ul	99
96) Benzo(g,h,i)perylene	27.315	276	1774505	19.848	ng/ul	99

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

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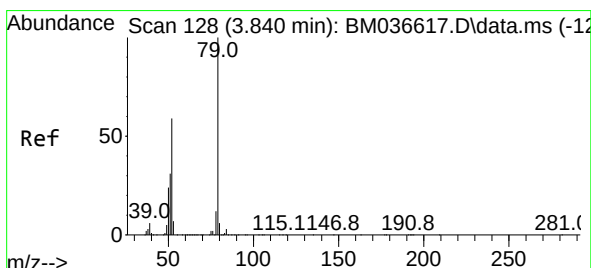
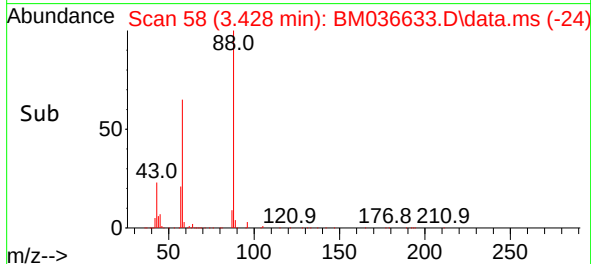
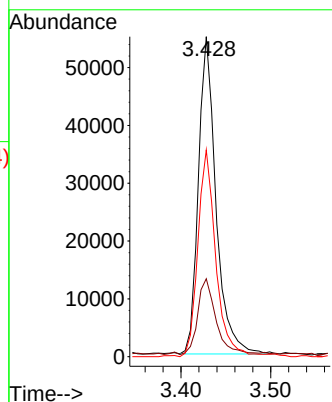
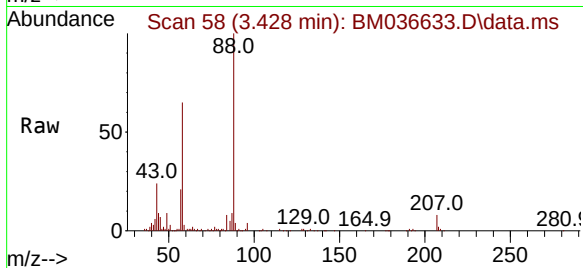




#2
1,4-Dioxane
Concen: 7.478 ng/uL
RT: 3.428 min Scan# 58
Delta R.T. -0.000 min
Lab File: BM036633.D
Acq: 21 Sep 2022 20:00

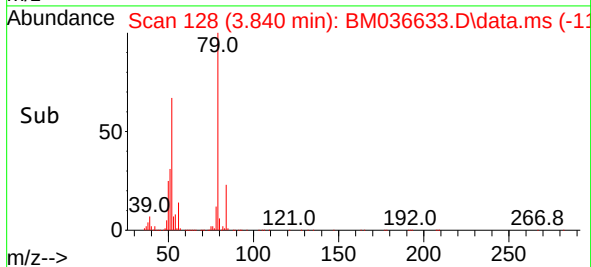
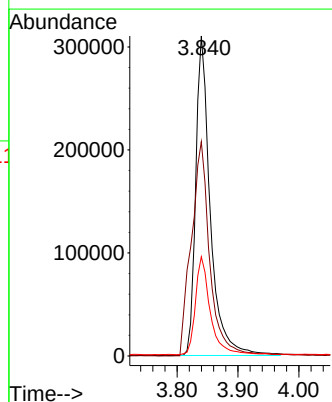
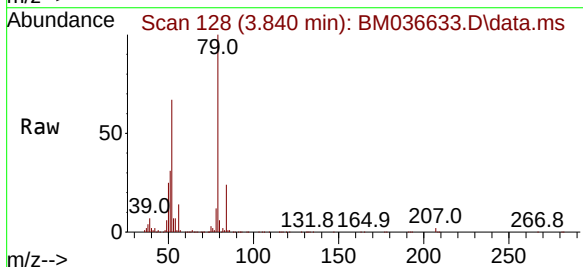
Instrument :
BNA_M
ClientSampleId :

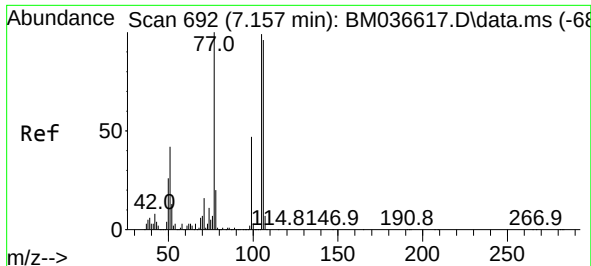
Tgt Ion	Ratio	Lower	Upper
88	100		
43	24.4	23.1	34.7
58	64.6	56.6	85.0



#5
Pyridine
Concen: 19.001 ng/uL
RT: 3.840 min Scan# 128
Delta R.T. -0.000 min
Lab File: BM036633.D
Acq: 21 Sep 2022 20:00

Tgt Ion	Ratio	Lower	Upper
79	100		
52	66.9	57.2	85.8
51	31.0	26.8	40.2

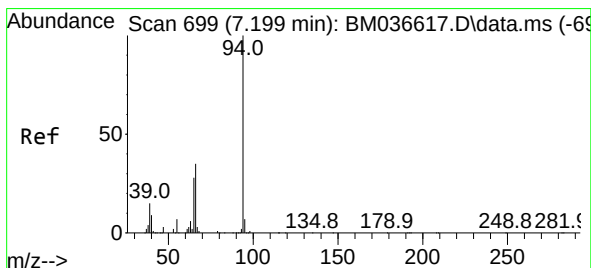
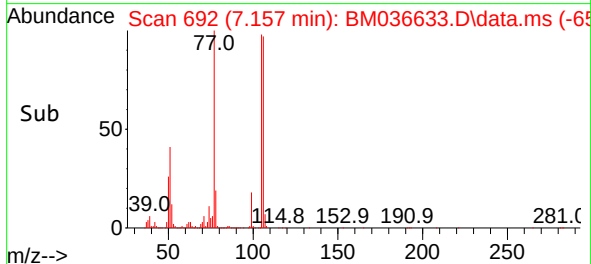
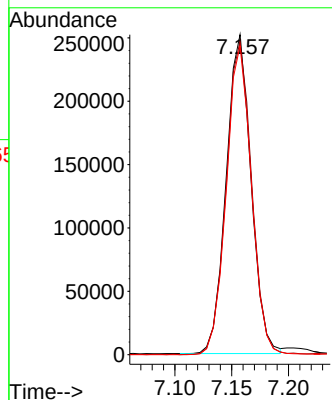
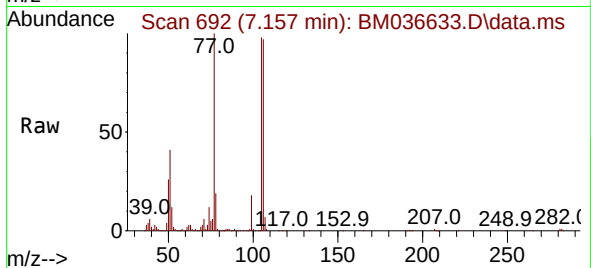




#6
Benzaldehyde
Concen: 25.407 ng/ul
RT: 7.157 min Scan# 692
Delta R.T. -0.000 min
Lab File: BM036633.D
Acq: 21 Sep 2022 20:00

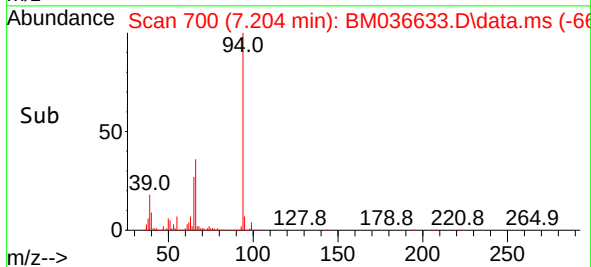
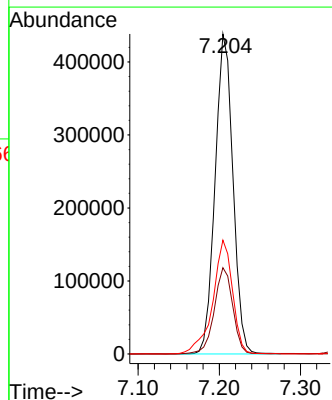
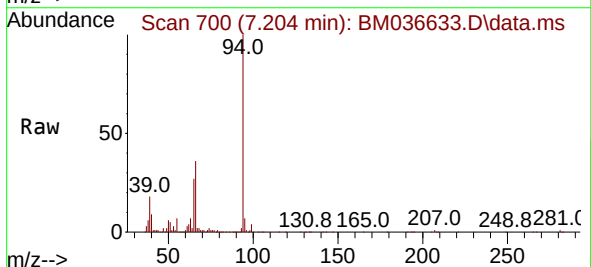
Instrument :
BNA_M
ClientSampleId :

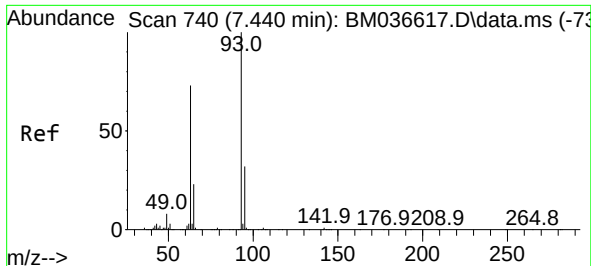
Tgt Ion: 77 Resp: 382597
Ion Ratio Lower Upper
77 100
105 97.8 75.1 112.7
106 96.6 73.0 109.6



#8
Phenol
Concen: 20.082 ng/ul
RT: 7.204 min Scan# 700
Delta R.T. 0.006 min
Lab File: BM036633.D
Acq: 21 Sep 2022 20:00

Tgt Ion: 94 Resp: 670268
Ion Ratio Lower Upper
94 100
65 27.0 22.2 33.4
66 35.5 28.9 43.3



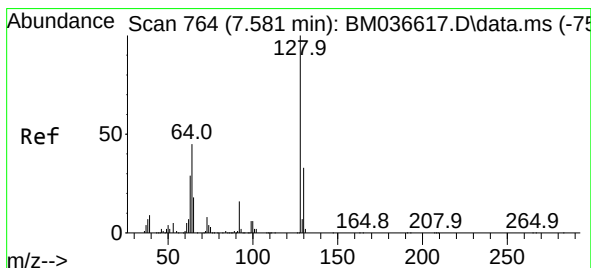
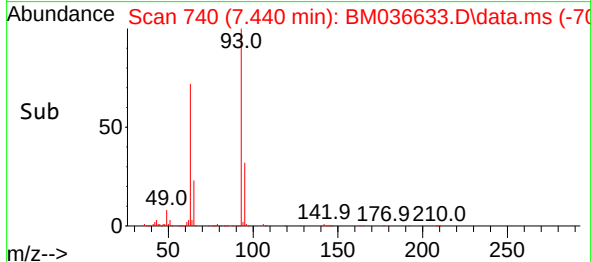
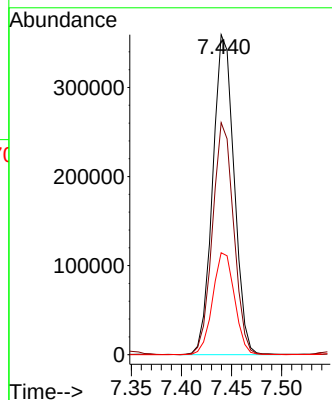
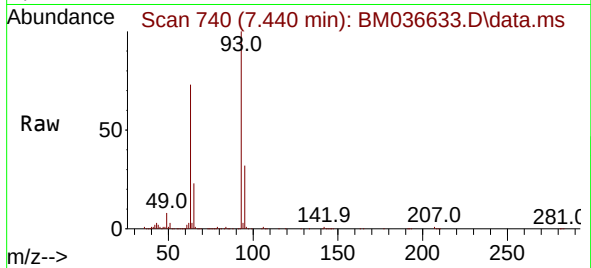


#10
Bis(2-Chloroethyl)ether
Concen: 20.568 ng/ul
RT: 7.440 min Scan# 740
Delta R.T. -0.000 min
Lab File: BM036633.D
Acq: 21 Sep 2022 20:00

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 93 Resp: 534109

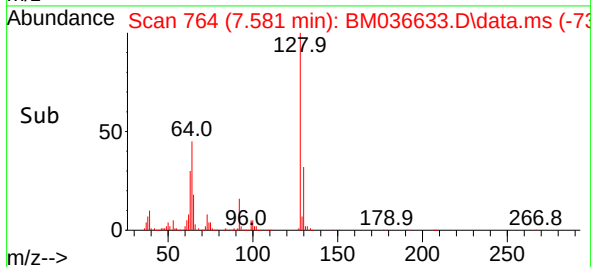
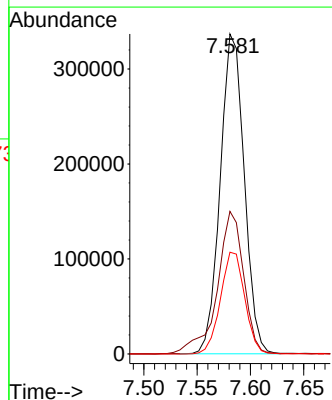
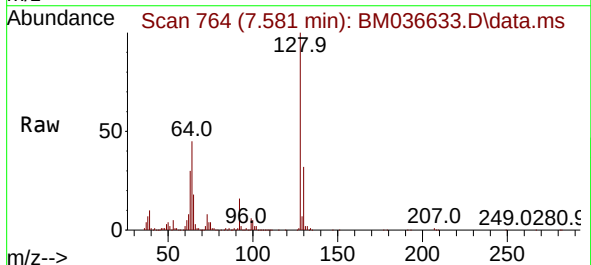
Ion	Ratio	Lower	Upper
93	100		
63	72.5	59.1	88.7
95	31.9	26.1	39.1

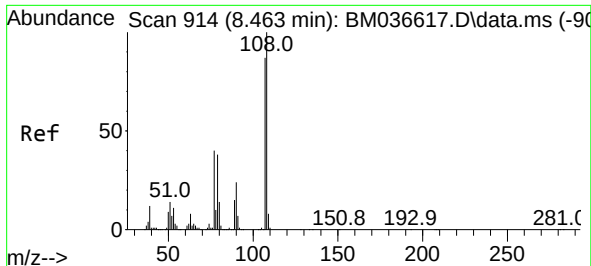


#12
2-Chlorophenol
Concen: 21.770 ng/ul
RT: 7.581 min Scan# 764
Delta R.T. -0.000 min
Lab File: BM036633.D
Acq: 21 Sep 2022 20:00

Tgt Ion:128 Resp: 527254

Ion	Ratio	Lower	Upper
128	100		
64	44.5	37.8	56.8
130	31.8	26.0	39.0





#13

2-Methylphenol

Concen: 20.756 ng/ul

RT: 8.469 min Scan# 915

Delta R.T. 0.006 min

Lab File: BM036633.D

Acq: 21 Sep 2022 20:00

Instrument :

BNA_M

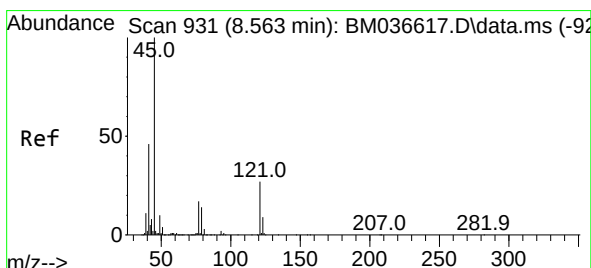
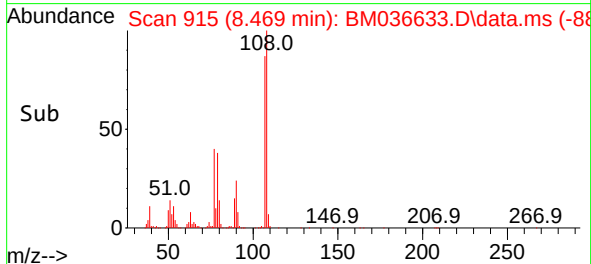
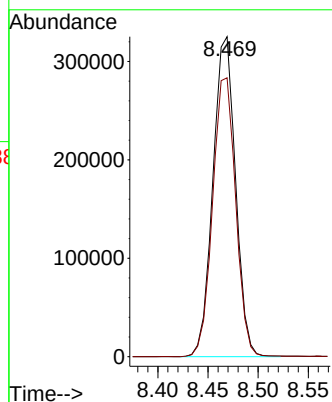
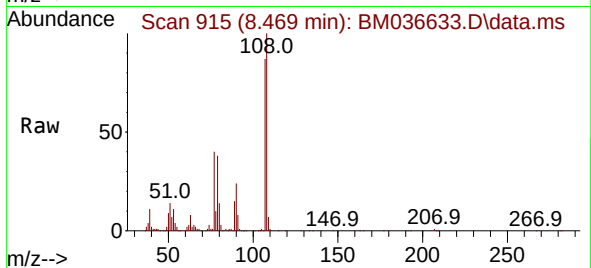
ClientSampleId :

Tgt Ion:108 Resp: 509188

Ion Ratio Lower Upper

108 100

107 87.2 70.7 106.1



#14

2,2'-oxybis(1-Chloropropane)

Concen: 19.817 ng/ul

RT: 8.563 min Scan# 931

Delta R.T. -0.000 min

Lab File: BM036633.D

Acq: 21 Sep 2022 20:00

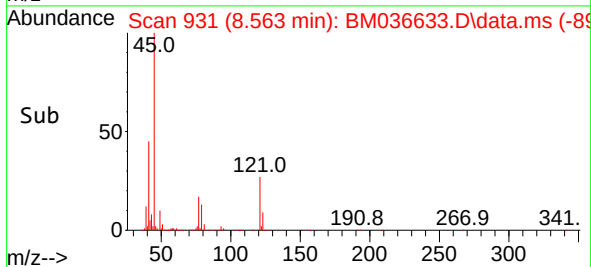
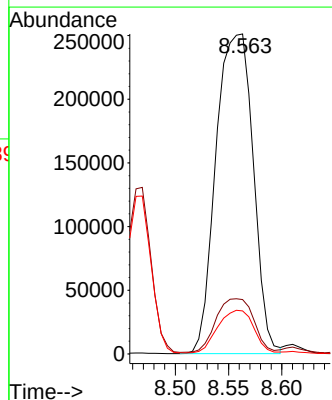
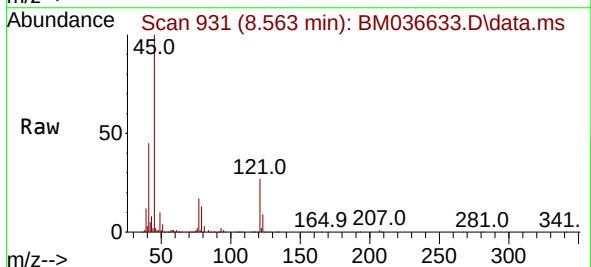
Tgt Ion: 45 Resp: 609930

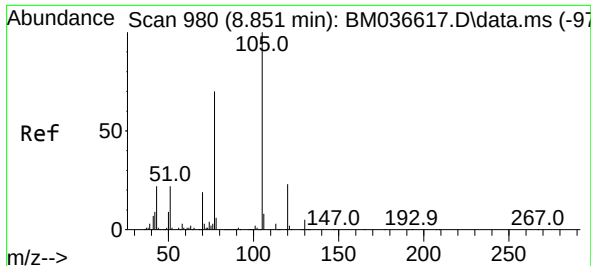
Ion Ratio Lower Upper

45 100

77 17.0 13.1 19.7

79 13.5 9.5 14.3

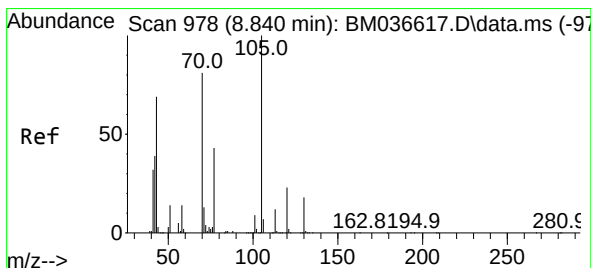
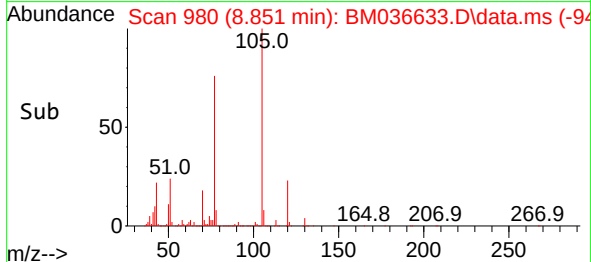
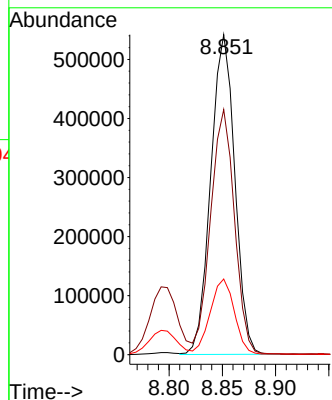
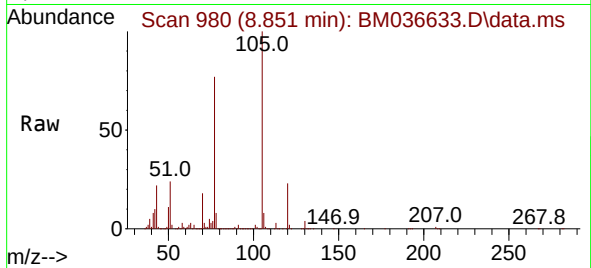




#16
Acetophenone
Concen: 21.301 ng/ul
RT: 8.851 min Scan# 980
Delta R.T. -0.000 min
Lab File: BM036633.D
Acq: 21 Sep 2022 20:00

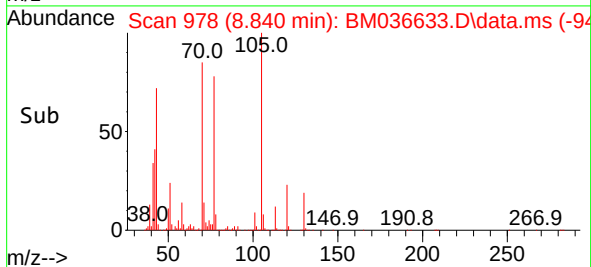
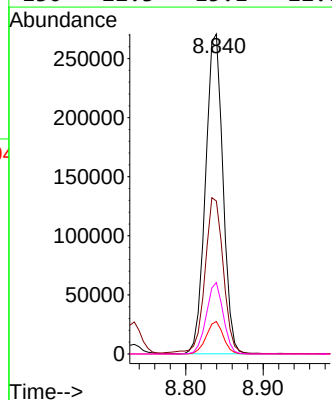
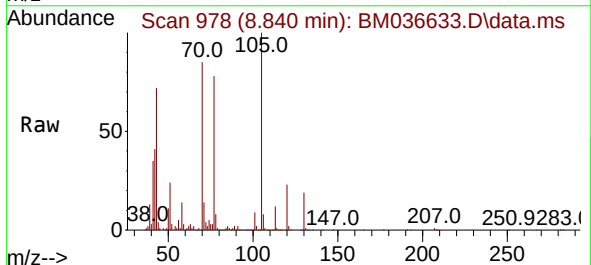
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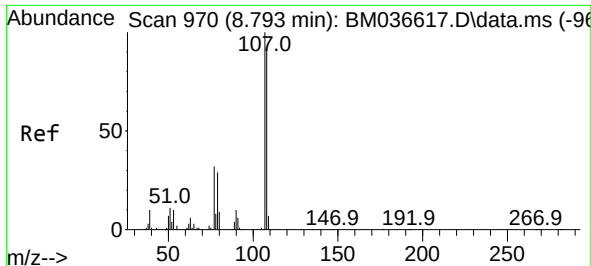
Tgt Ion:105 Resp: 848960
Ion Ratio Lower Upper
105 100
77 76.6 61.6 92.4
51 23.7 20.5 30.7



#17
N-Nitroso-di-n-propylamine
Concen: 21.958 ng/ul
RT: 8.840 min Scan# 978
Delta R.T. -0.000 min
Lab File: BM036633.D
Acq: 21 Sep 2022 20:00

Tgt Ion: 70 Resp: 422274
Ion Ratio Lower Upper
70 100
42 47.8 43.0 64.4
101 10.2 7.7 11.5
130 22.3 15.1 22.7





#18

4-Methylphenol

Concen: 21.337 ng/ul

RT: 8.798 min Scan# 91

Delta R.T. 0.006 min

Lab File: BM036633.D

Acq: 21 Sep 2022 20:00

Instrument :

BNA_M

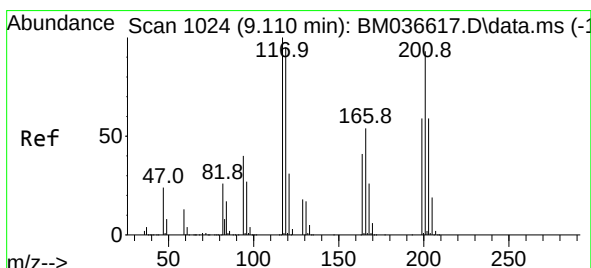
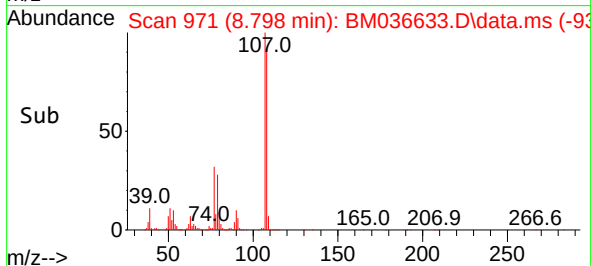
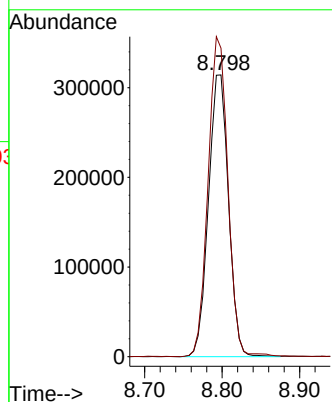
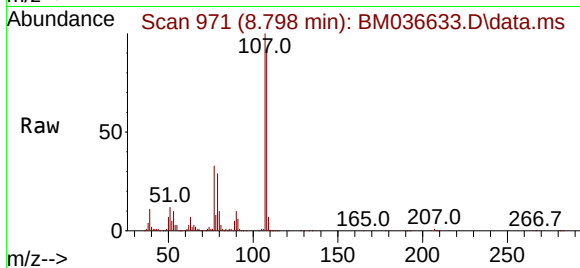
ClientSampleId :

Tgt Ion:108 Resp: 566034

Ion Ratio Lower Upper

108 100

107 109.4 89.4 134.0



#19

Hexachloroethane

Concen: 21.396 ng/ul

RT: 9.110 min Scan# 1024

Delta R.T. -0.000 min

Lab File: BM036633.D

Acq: 21 Sep 2022 20:00

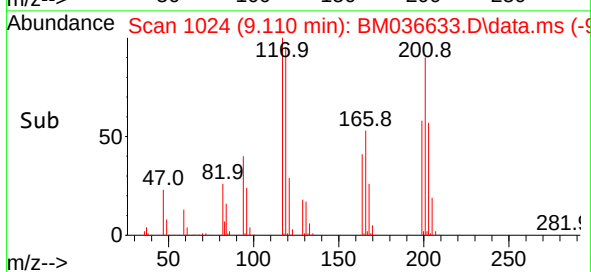
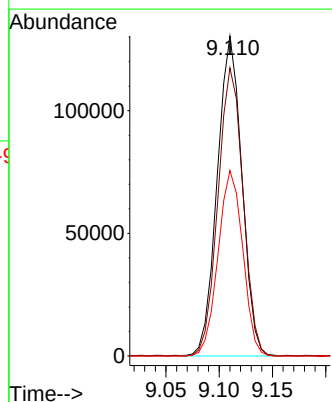
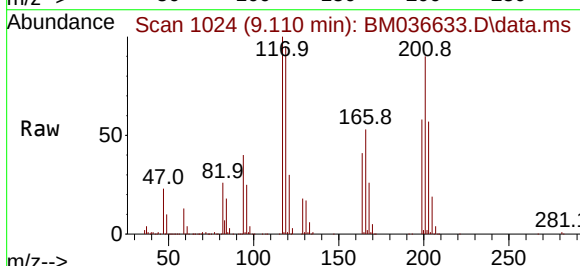
Tgt Ion:117 Resp: 209891

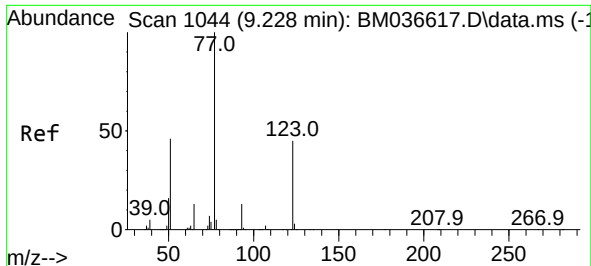
Ion Ratio Lower Upper

117 100

201 90.0 68.7 103.1

199 57.9 43.0 64.6

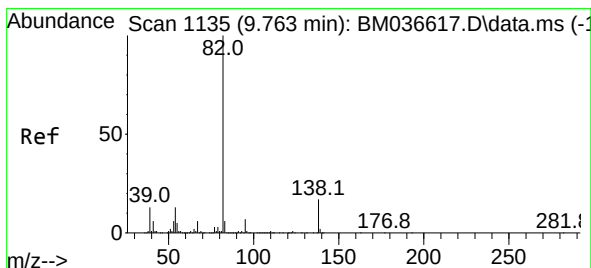
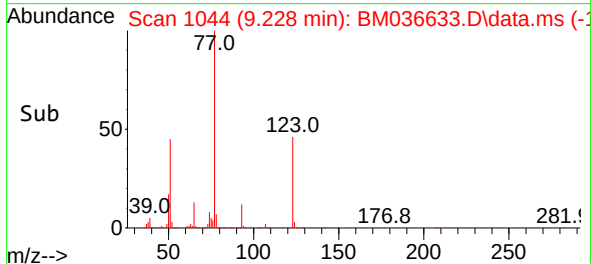
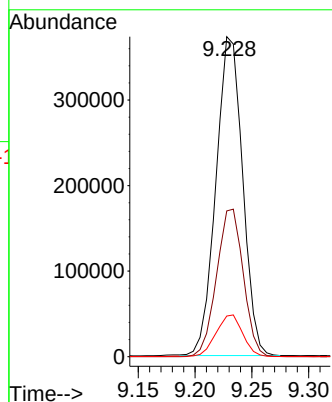
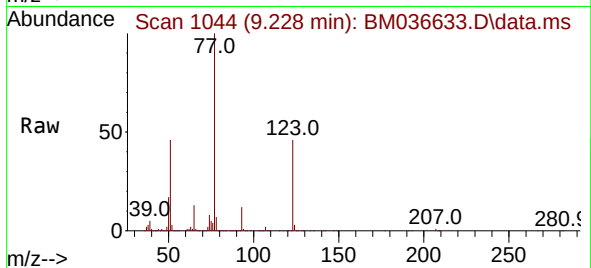




#22
Nitrobenzene
Concen: 21.222 ng/ul
RT: 9.228 min Scan# 1044
Delta R.T. -0.000 min
Lab File: BM036633.D
Acq: 21 Sep 2022 20:00

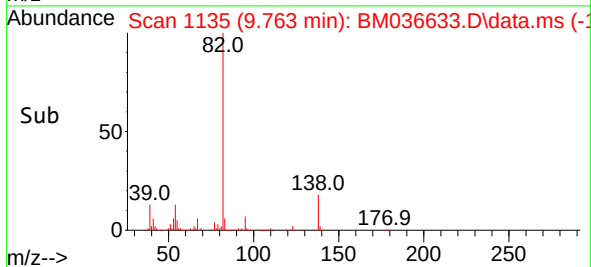
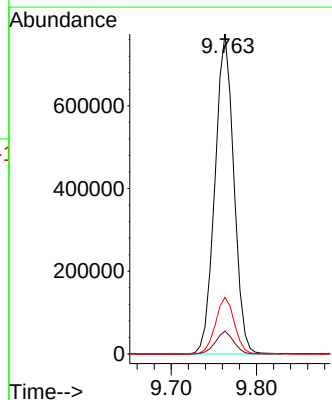
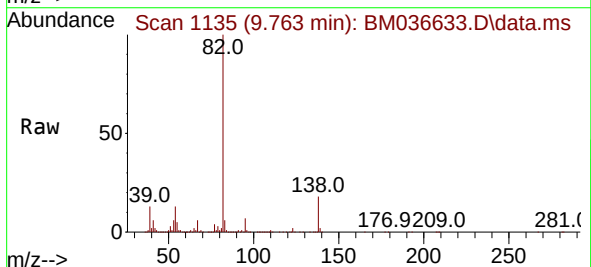
Instrument :
BNA_M
ClientSampleId :

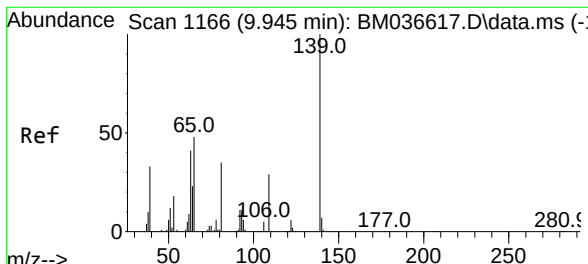
Tgt Ion: 77 Resp: 609031
Ion Ratio Lower Upper
77 100
123 45.6 34.9 52.3
65 12.7 10.7 16.1



#23
Isophorone
Concen: 20.322 ng/ul
RT: 9.763 min Scan# 1135
Delta R.T. -0.000 min
Lab File: BM036633.D
Acq: 21 Sep 2022 20:00

Tgt Ion: 82 Resp: 1189115
Ion Ratio Lower Upper
82 100
95 7.2 5.4 8.2
138 17.7 13.5 20.3

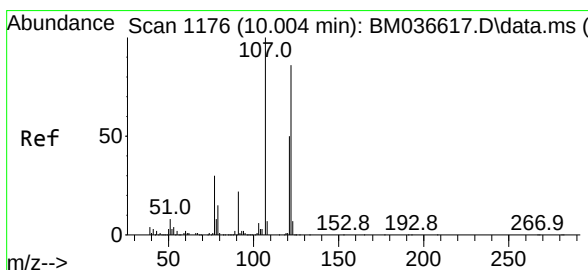
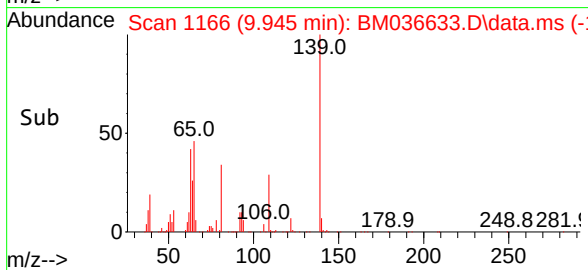
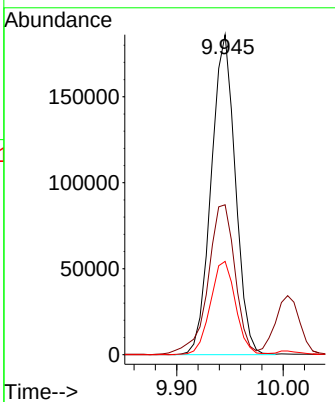
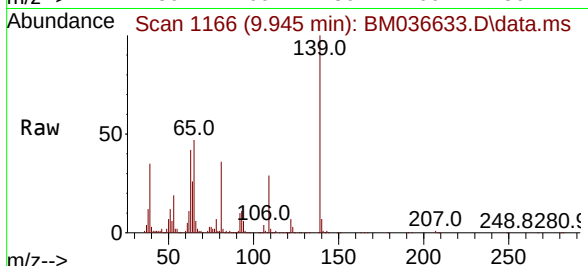




#25
 2-Nitrophenol
 Concen: 24.442 ng/ul
 RT: 9.945 min Scan# 1166
 Delta R.T. -0.000 min
 Lab File: BM036633.D
 Acq: 21 Sep 2022 20:00

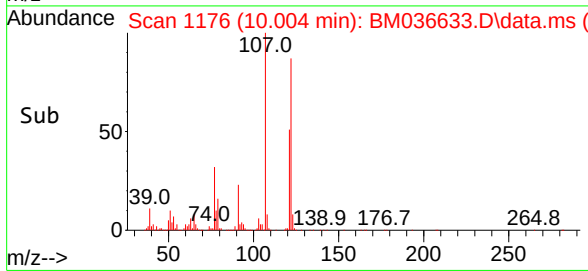
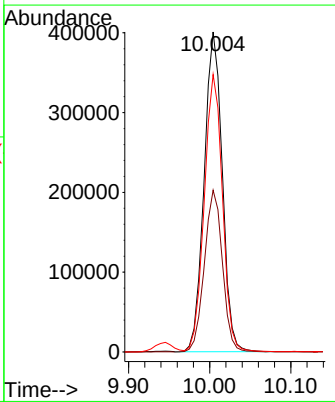
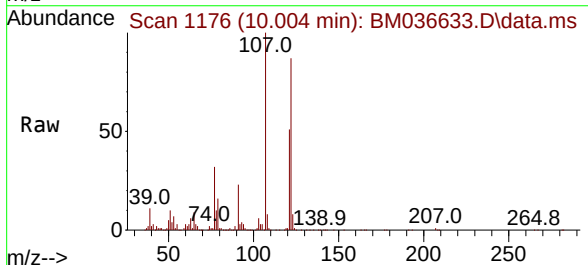
Instrument :
 BNA_M
 ClientSampleId :

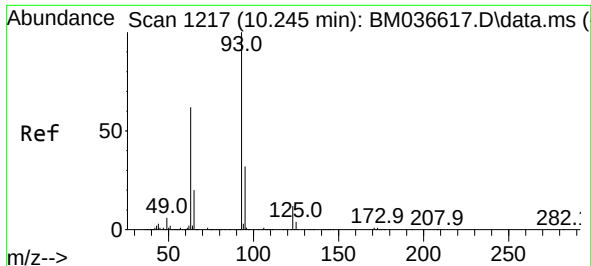
Tgt Ion:	139	Resp:	292276
Ion Ratio	Lower	Upper	
139	100		
65	46.8	40.9	61.3
109	29.2	23.9	35.9



#26
 2,4-Dimethylphenol
 Concen: 21.099 ng/ul
 RT: 10.004 min Scan# 1176
 Delta R.T. -0.000 min
 Lab File: BM036633.D
 Acq: 21 Sep 2022 20:00

Tgt Ion:	107	Resp:	622301
Ion Ratio	Lower	Upper	
107	100		
121	50.6	39.4	59.2
122	86.7	69.1	103.7

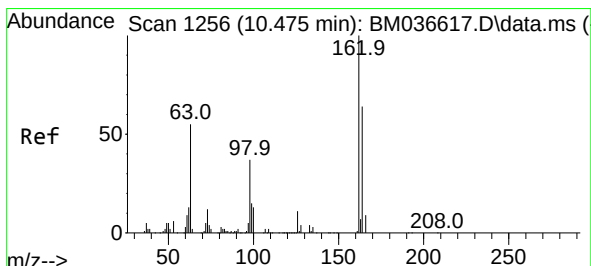
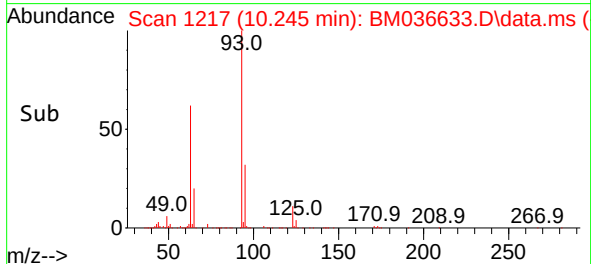
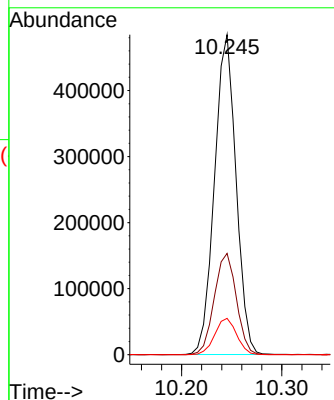
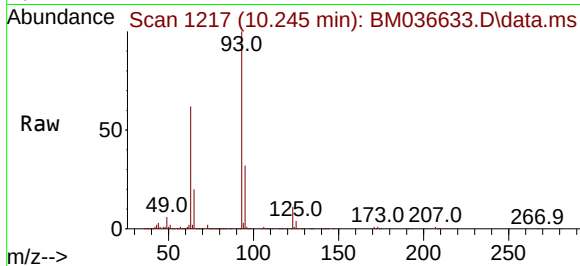




#27
 Bis(2-Chloroethoxy)methane
 Concen: 20.710 ng/ul
 RT: 10.245 min Scan# 1217
 Delta R.T. -0.000 min
 Lab File: BM036633.D
 Acq: 21 Sep 2022 20:00

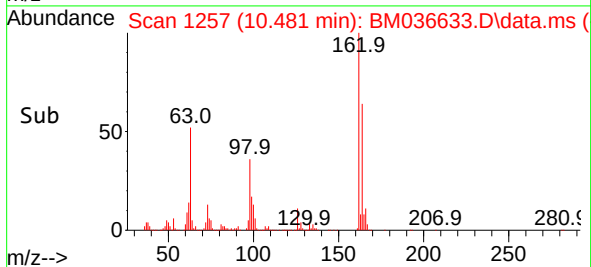
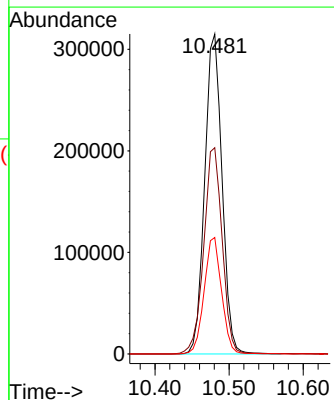
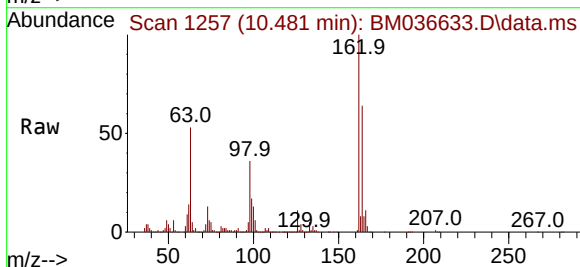
Instrument :
 BNA_M
 ClientSampleId :

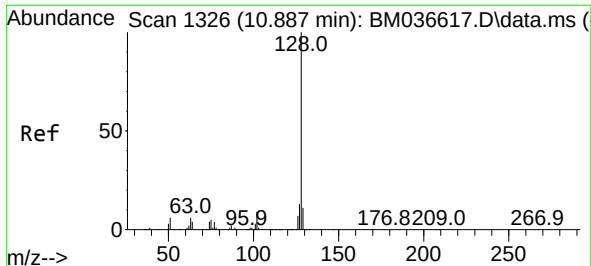
Tgt Ion: 93 Resp: 722304
 Ion Ratio Lower Upper
 93 100
 95 31.6 26.2 39.4
 123 11.3 9.2 13.8



#29
 2,4-Dichlorophenol
 Concen: 21.676 ng/ul
 RT: 10.481 min Scan# 1257
 Delta R.T. 0.006 min
 Lab File: BM036633.D
 Acq: 21 Sep 2022 20:00

Tgt Ion: 162 Resp: 511293
 Ion Ratio Lower Upper
 162 100
 164 64.5 52.1 78.1
 98 36.4 29.1 43.7

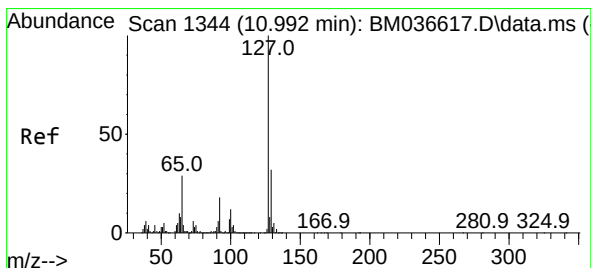
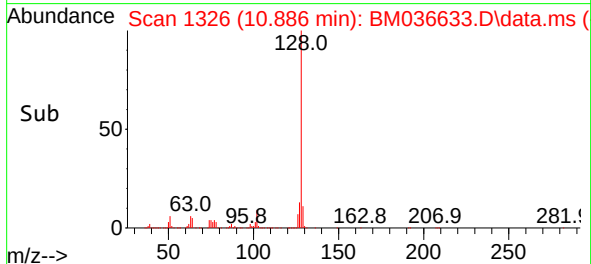
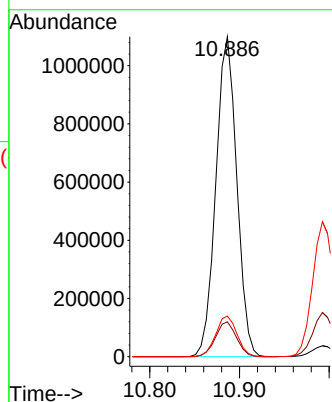
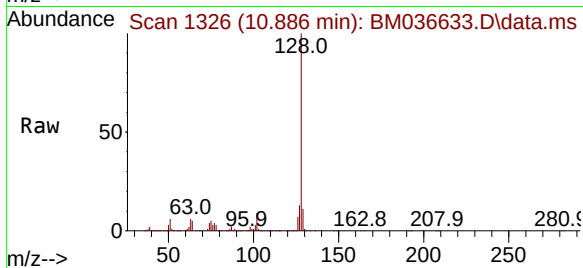




#30
Naphthalene
Concen: 20.453 ng/ul
RT: 10.886 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM036633.D
Acq: 21 Sep 2022 20:00

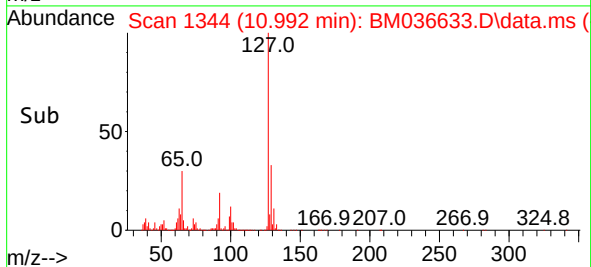
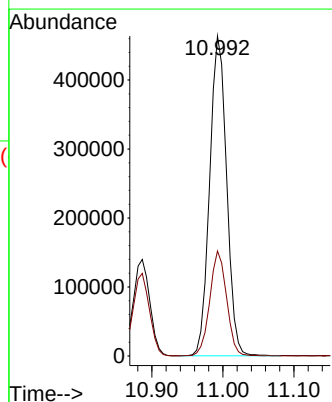
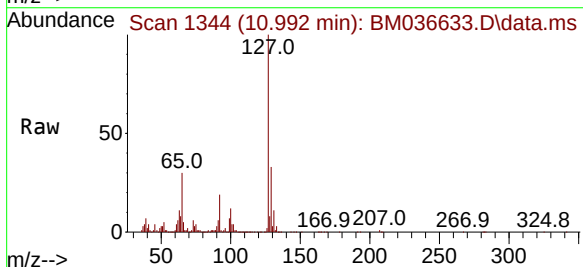
Instrument :
BNA_M
ClientSampleId :

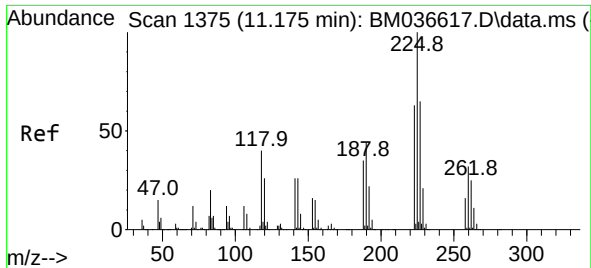
Tgt Ion:128 Resp: 1779335
Ion Ratio Lower Upper
128 100
129 10.9 8.7 13.1
127 12.7 10.3 15.5



#32
4-Chloroaniline
Concen: 19.975 ng/ul
RT: 10.992 min Scan# 1344
Delta R.T. -0.000 min
Lab File: BM036633.D
Acq: 21 Sep 2022 20:00

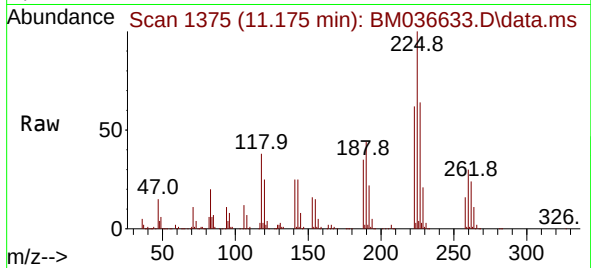
Tgt Ion:127 Resp: 769336
Ion Ratio Lower Upper
127 100
129 32.8 25.4 38.2



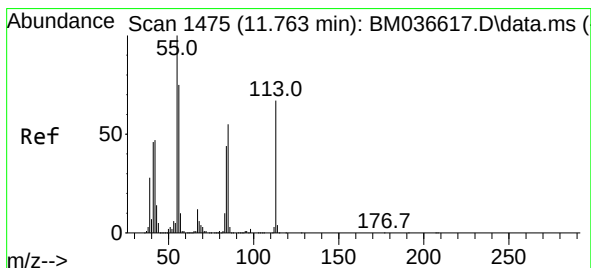
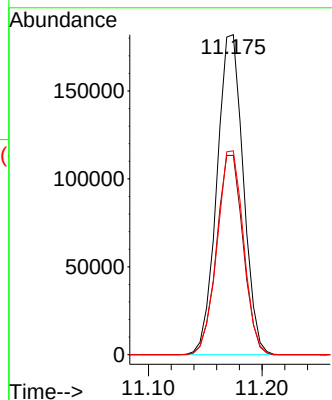
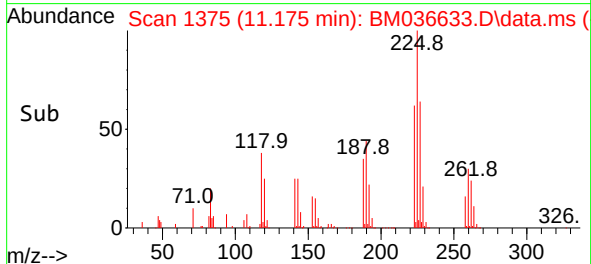


#33
Hexachlorobutadiene
Concen: 20.367 ng/ul
RT: 11.175 min Scan# 11
Delta R.T. -0.000 min
Lab File: BM036633.D
Acq: 21 Sep 2022 20:00

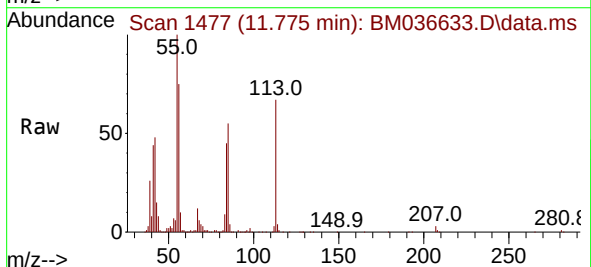
Instrument :
BNA_M
ClientSampleId :



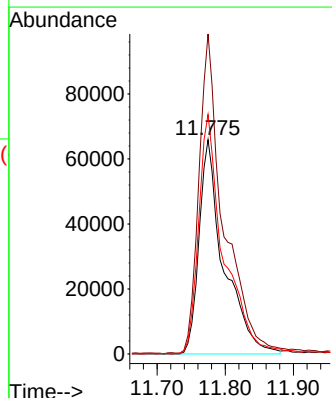
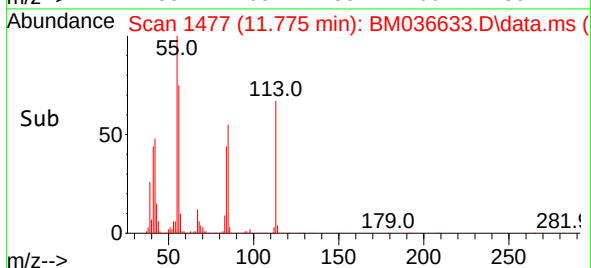
Tgt Ion:225 Resp: 293832
Ion Ratio Lower Upper
225 100
223 62.3 49.8 74.8
227 63.7 51.0 76.6

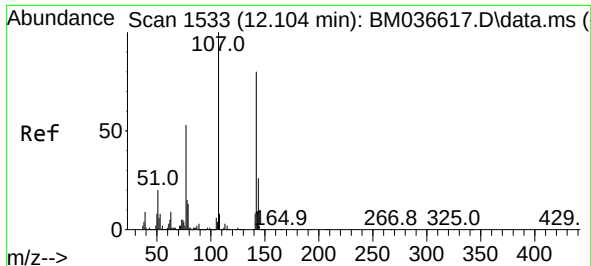


#34
Caprolactam
Concen: 21.628 ng/ul
RT: 11.775 min Scan# 1477
Delta R.T. 0.012 min
Lab File: BM036633.D
Acq: 21 Sep 2022 20:00



Tgt Ion:113 Resp: 165486
Ion Ratio Lower Upper
113 100
55 149.3 127.5 191.3
56 111.8 94.6 142.0

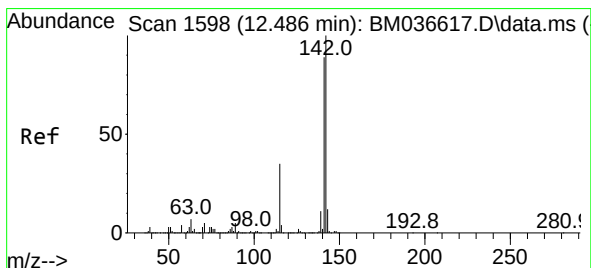
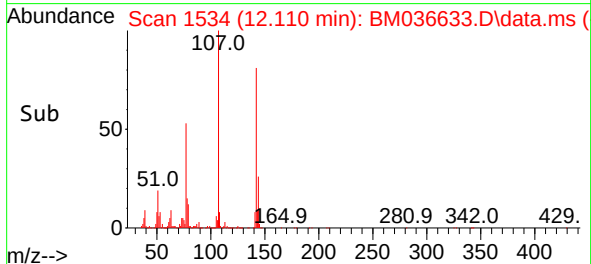
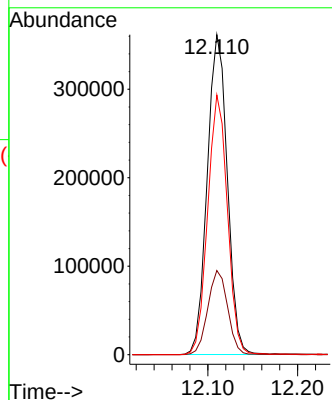
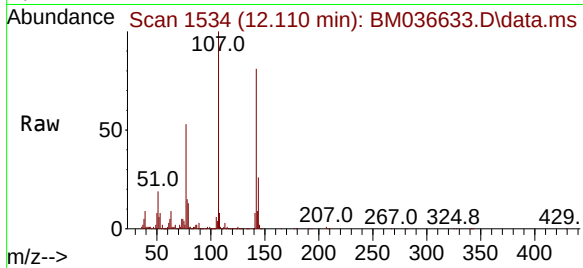




#35
4-Chloro-3-methylphenol
Concen: 21.614 ng/ul
RT: 12.110 min Scan# 1534
Delta R.T. 0.006 min
Lab File: BM036633.D
Acq: 21 Sep 2022 20:00

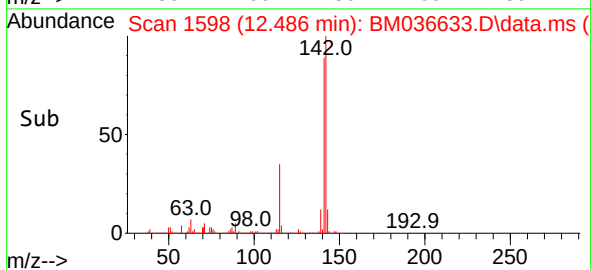
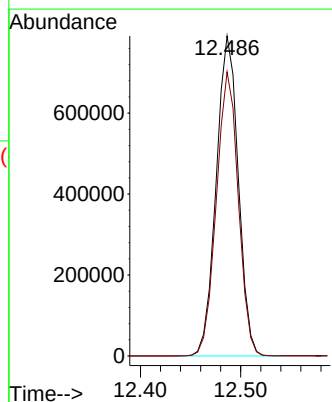
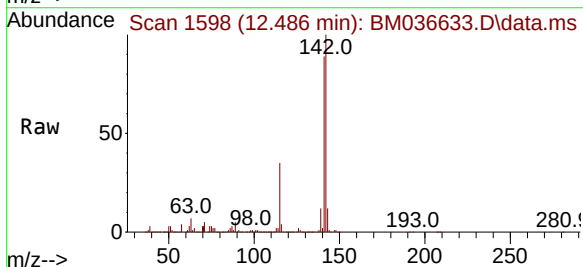
Instrument :
BNA_M
ClientSampleId :

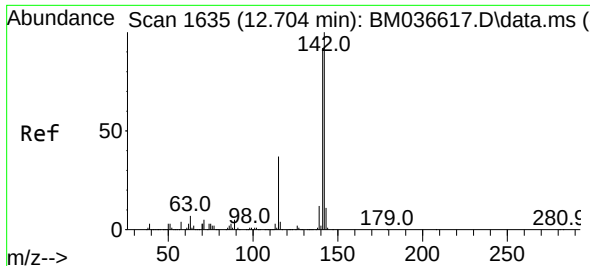
Tgt Ion:107 Resp: 562789
Ion Ratio Lower Upper
107 100
144 26.3 21.5 32.3
142 81.2 63.9 95.9



#36
2-Methylnaphthalene
Concen: 20.780 ng/ul
RT: 12.486 min Scan# 1598
Delta R.T. -0.000 min
Lab File: BM036633.D
Acq: 21 Sep 2022 20:00

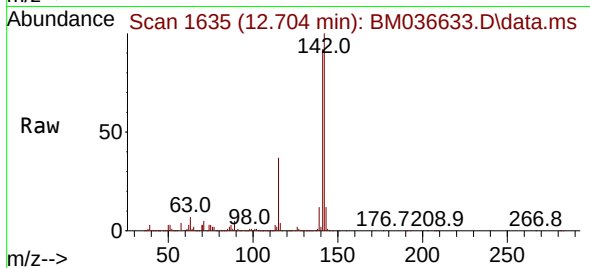
Tgt Ion:142 Resp: 1204424
Ion Ratio Lower Upper
142 100
141 88.8 70.7 106.1



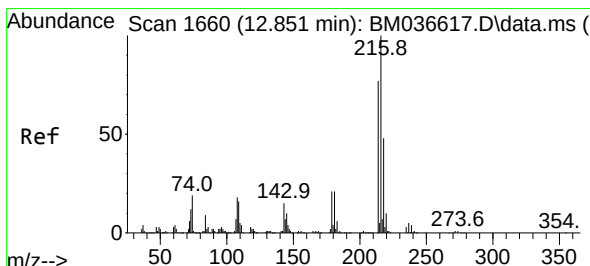
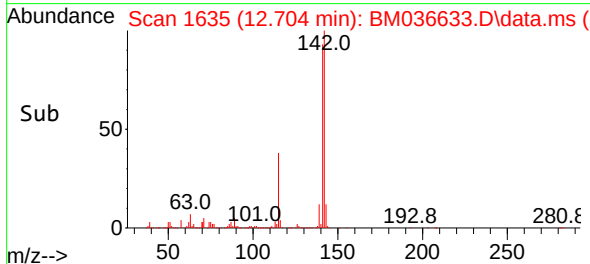
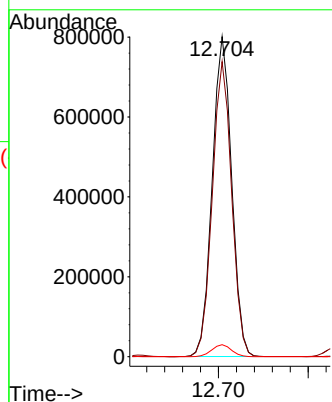


#37
1-Methylnaphthalene
Concen: 20.623 ng/ul
RT: 12.704 min Scan# 1635
Delta R.T. -0.000 min
Lab File: BM036633.D
Acq: 21 Sep 2022 20:00

Instrument :
BNA_M
ClientSampleId :

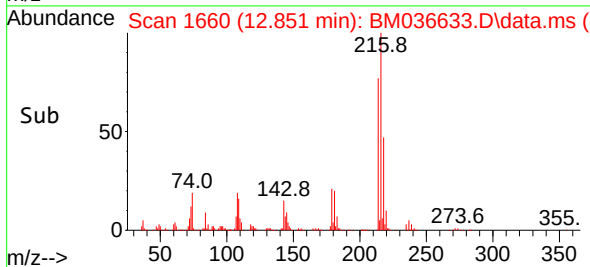
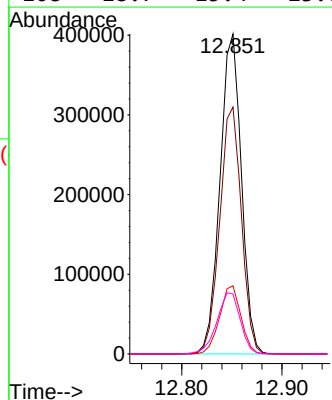
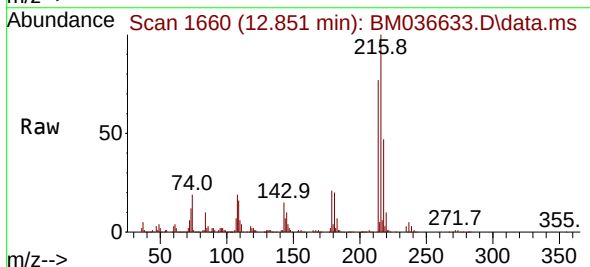


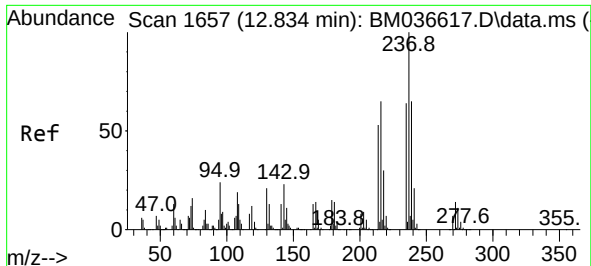
Tgt Ion:142 Resp: 1201690
Ion Ratio Lower Upper
142 100
141 92.2 73.4 110.2
116 3.8 3.1 4.7



#39
1,2,4,5-Tetrachlorobenzene
Concen: 20.283 ng/ul
RT: 12.851 min Scan# 1660
Delta R.T. -0.000 min
Lab File: BM036633.D
Acq: 21 Sep 2022 20:00

Tgt Ion:216 Resp: 594262
Ion Ratio Lower Upper
216 100
214 77.2 62.4 93.6
179 21.3 16.7 25.1
108 18.7 15.4 23.0

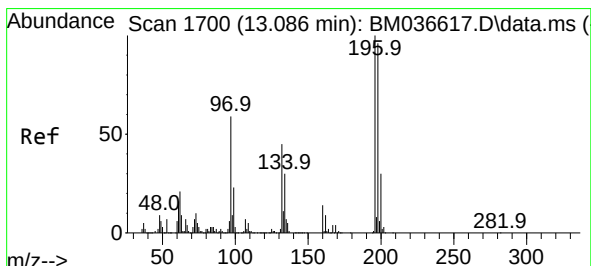
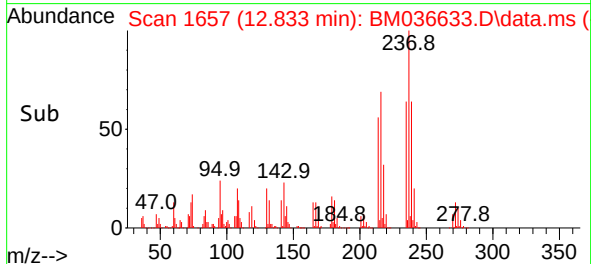
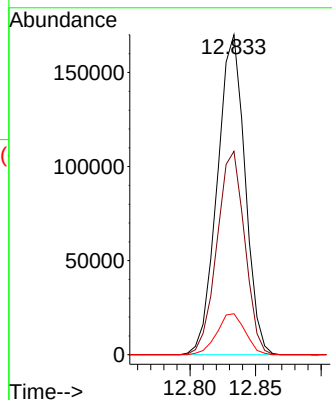
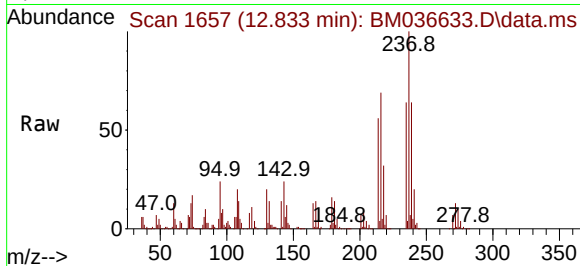




#40
Hexachlorocyclopentadiene
Concen: 16.387 ng/ul
RT: 12.833 min Scan# 1
Delta R.T. -0.000 min
Lab File: BM036633.D
Acq: 21 Sep 2022 20:00

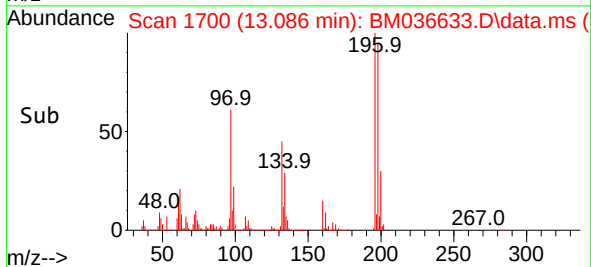
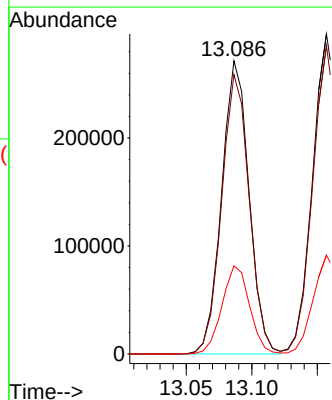
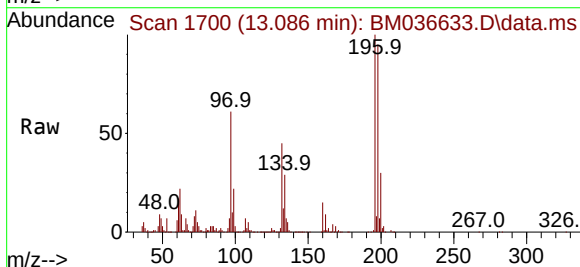
Instrument :
BNA_M
ClientSampleId :

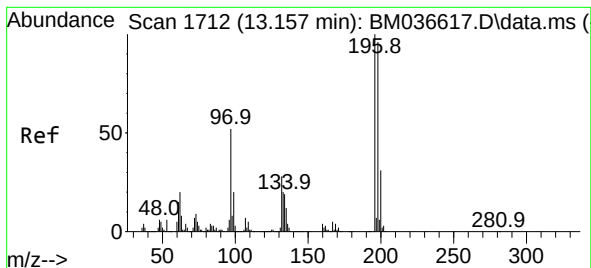
Tgt Ion:237 Resp: 250205
Ion Ratio Lower Upper
237 100
235 63.5 50.9 76.3
272 13.5 10.3 15.5



#41
2,4,6-Trichlorophenol
Concen: 22.019 ng/ul
RT: 13.086 min Scan# 1700
Delta R.T. -0.000 min
Lab File: BM036633.D
Acq: 21 Sep 2022 20:00

Tgt Ion:196 Resp: 395007
Ion Ratio Lower Upper
196 100
198 95.3 77.3 115.9
200 30.1 25.2 37.8





#42

2,4,5-Trichlorophenol

Concen: 22.321 ng/ul

RT: 13.157 min Scan# 1

Delta R.T. -0.000 min

Lab File: BM036633.D

Acq: 21 Sep 2022 20:00

Instrument :

BNA_M

ClientSampleId :

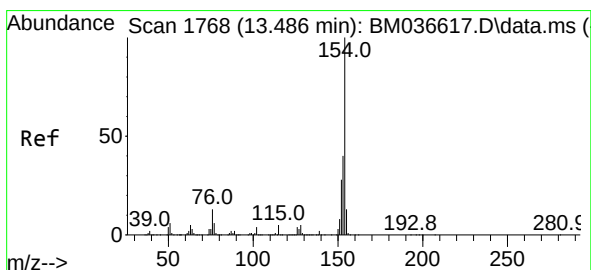
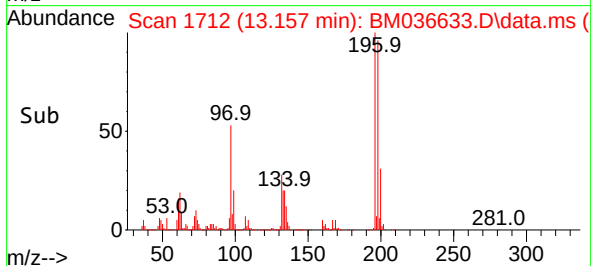
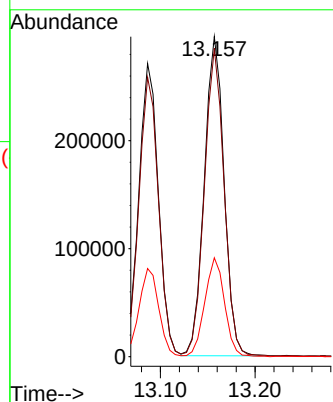
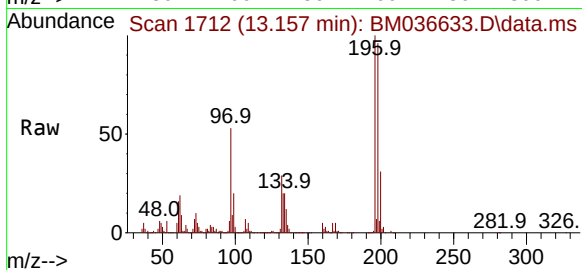
Tgt Ion:196 Resp: 429300

Ion Ratio Lower Upper

196 100

198 96.4 75.6 113.4

200 30.9 24.7 37.1



#43

1,1'-Biphenyl

Concen: 20.281 ng/ul

RT: 13.486 min Scan# 1768

Delta R.T. -0.000 min

Lab File: BM036633.D

Acq: 21 Sep 2022 20:00

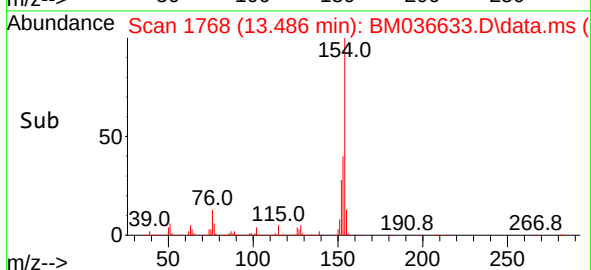
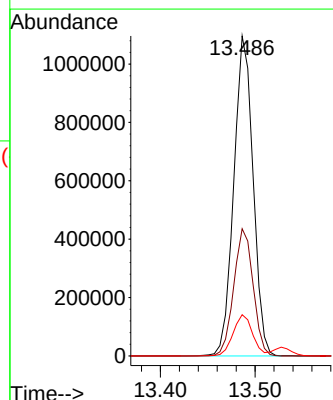
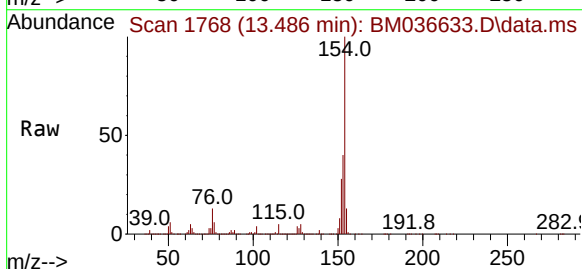
Tgt Ion:154 Resp: 1547546

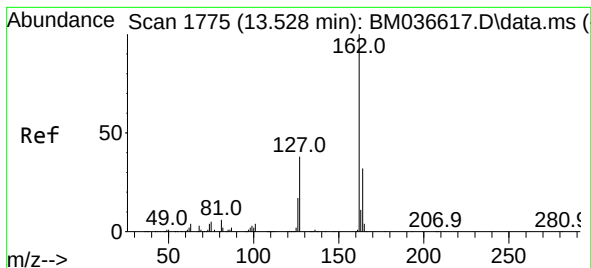
Ion Ratio Lower Upper

154 100

153 39.7 31.4 47.2

76 12.9 10.4 15.6





#44

2-Chloronaphthalene

Concen: 20.490 ng/ul

RT: 13.528 min Scan# 1

Delta R.T. -0.000 min

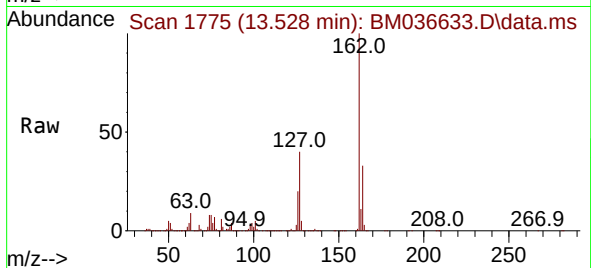
Lab File: BM036633.D

Acq: 21 Sep 2022 20:00

Instrument :

BNA_M

ClientSampleId :



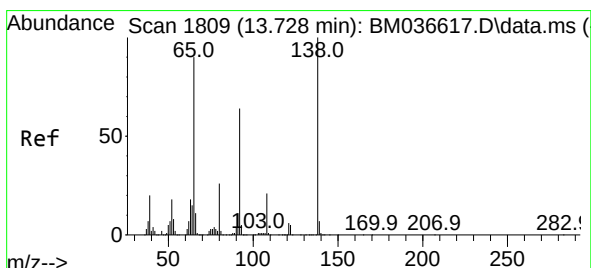
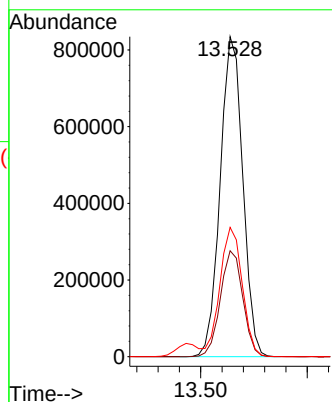
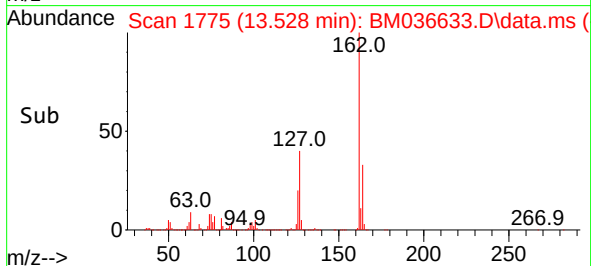
Tgt Ion:162 Resp: 1226870

Ion Ratio Lower Upper

162 100

164 33.1 26.2 39.2

127 40.4 32.6 49.0



#45

2-Nitroaniline

Concen: 23.682 ng/ul

RT: 13.727 min Scan# 1809

Delta R.T. -0.000 min

Lab File: BM036633.D

Acq: 21 Sep 2022 20:00

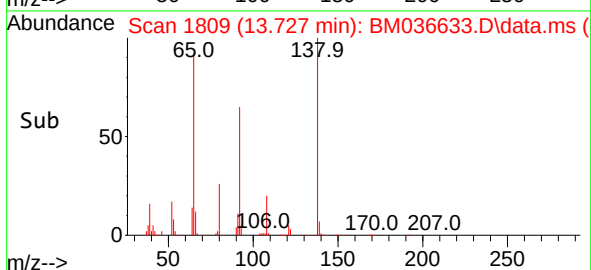
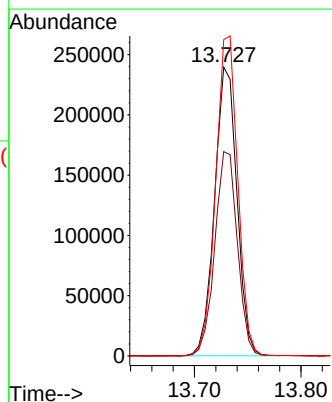
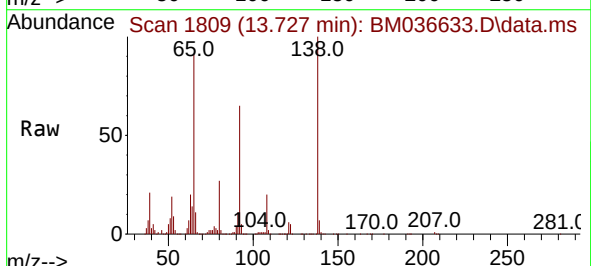
Tgt Ion: 65 Resp: 349030

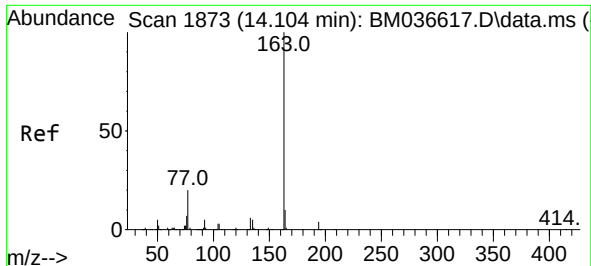
Ion Ratio Lower Upper

65 100

92 70.7 54.4 81.6

138 109.6 86.1 129.1

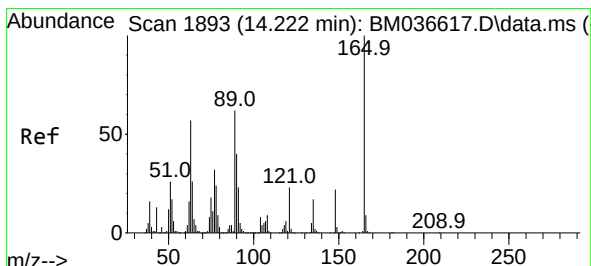
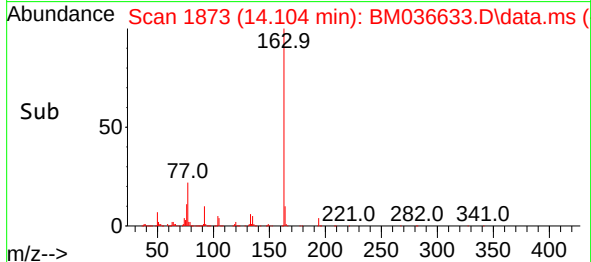
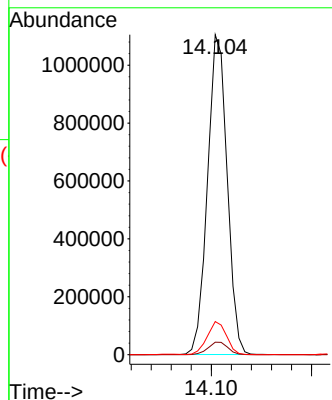
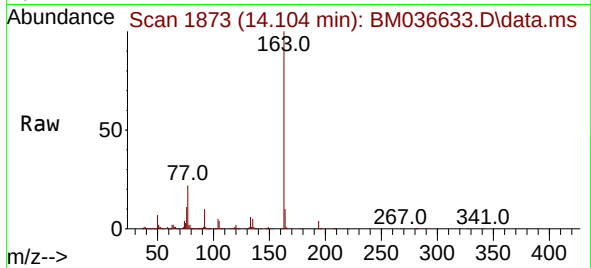




#47
Dimethylphthalate
Concen: 20.305 ng/ul
RT: 14.104 min Scan# 1873
Delta R.T. -0.000 min
Lab File: BM036633.D
Acq: 21 Sep 2022 20:00

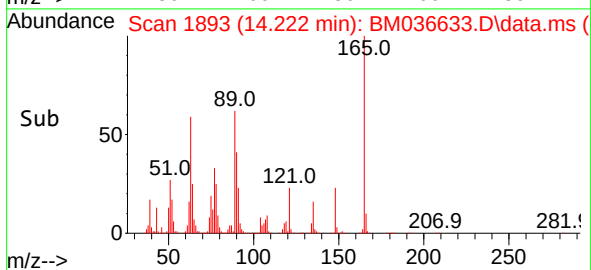
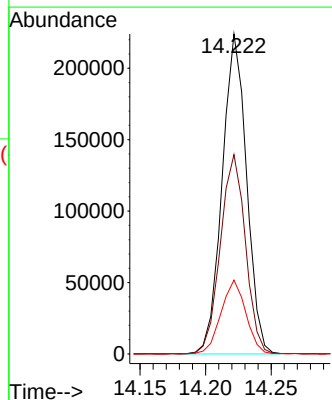
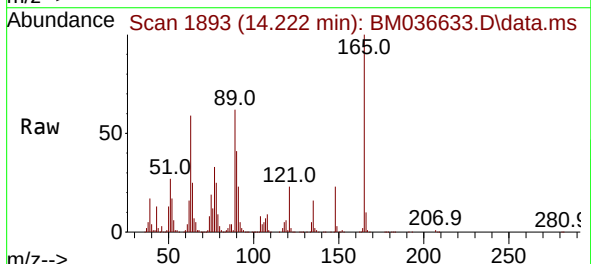
Instrument :
BNA_M
ClientSampleId :

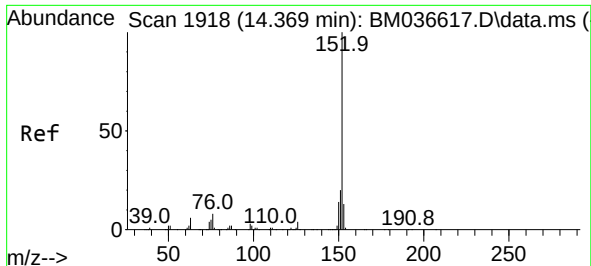
Tgt Ion:163 Resp: 1503727
Ion Ratio Lower Upper
163 100
194 3.9 3.0 4.6
164 10.4 8.3 12.5



#48
2,6-Dinitrotoluene
Concen: 24.064 ng/ul
RT: 14.222 min Scan# 1893
Delta R.T. -0.000 min
Lab File: BM036633.D
Acq: 21 Sep 2022 20:00

Tgt Ion:165 Resp: 289743
Ion Ratio Lower Upper
165 100
89 62.3 52.8 79.2
121 23.1 19.4 29.0

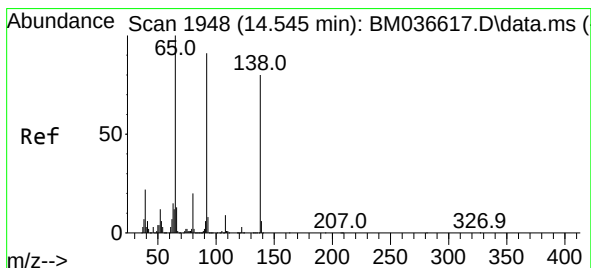
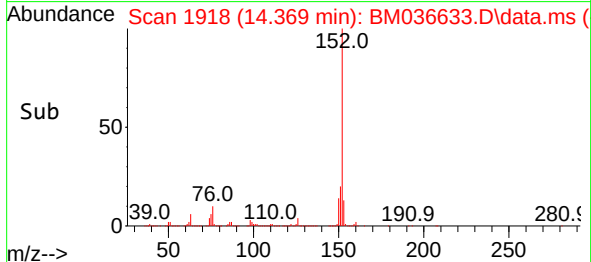
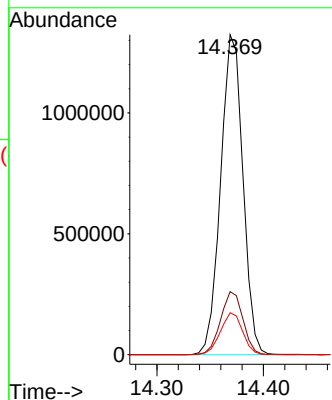
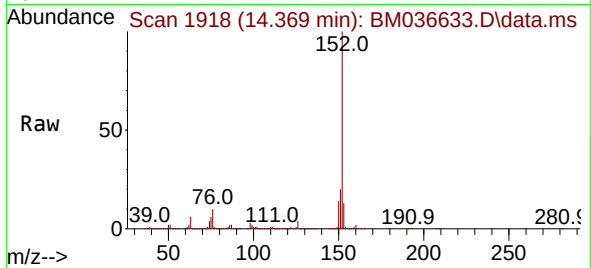




#50
Acenaphthylene
Concen: 20.271 ng/ul
RT: 14.369 min Scan# 1918
Delta R.T. -0.000 min
Lab File: BM036633.D
Acq: 21 Sep 2022 20:00

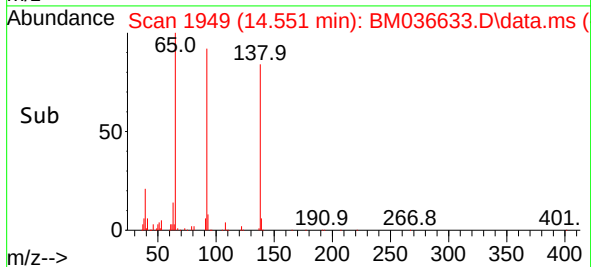
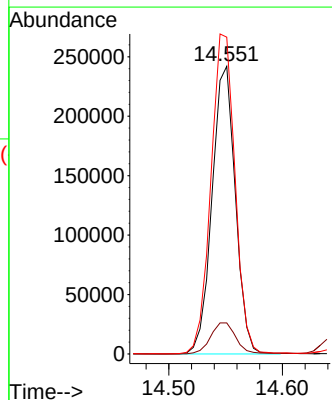
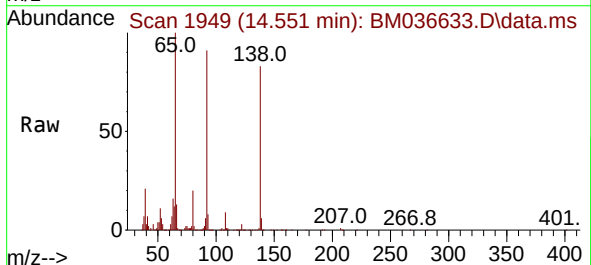
Instrument :
BNA_M
ClientSampleId :

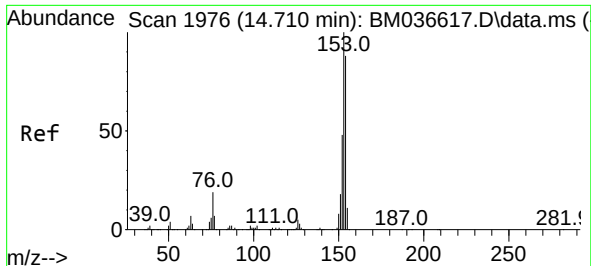
Tgt Ion:152 Resp: 1919236
Ion Ratio Lower Upper
152 100
151 19.7 15.7 23.5
153 13.1 10.5 15.7



#51
3-Nitroaniline
Concen: 23.924 ng/ul
RT: 14.551 min Scan# 1949
Delta R.T. 0.006 min
Lab File: BM036633.D
Acq: 21 Sep 2022 20:00

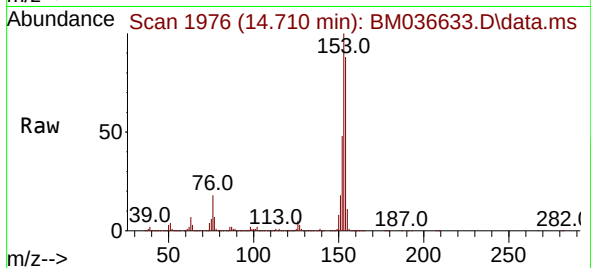
Tgt Ion:138 Resp: 345472
Ion Ratio Lower Upper
138 100
108 10.8 12.5 18.7#
92 110.1 95.4 143.2



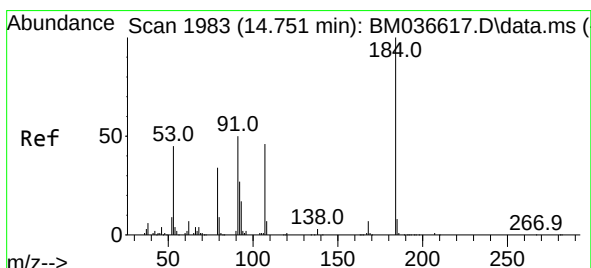
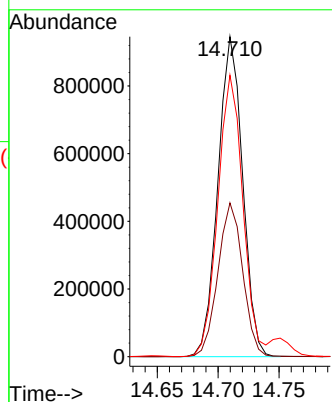
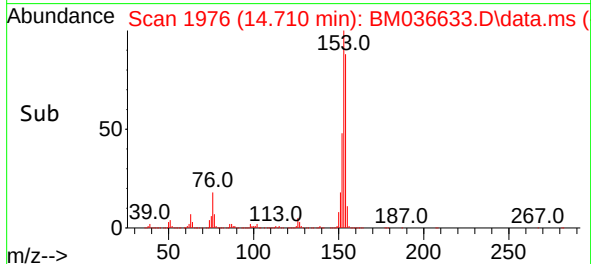


#52
Acenaphthene
Concen: 20.194 ng/ul
RT: 14.710 min Scan# 1976
Delta R.T. -0.000 min
Lab File: BM036633.D
Acq: 21 Sep 2022 20:00

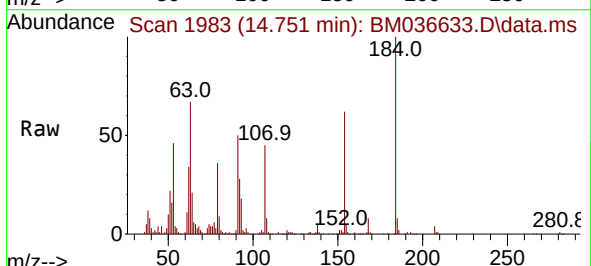
Instrument :
BNA_M
ClientSampleId :



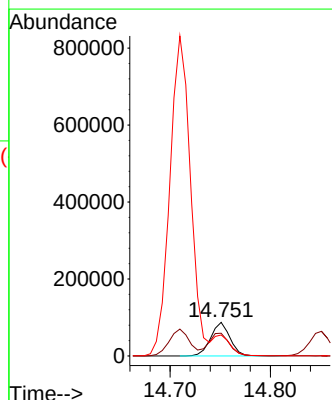
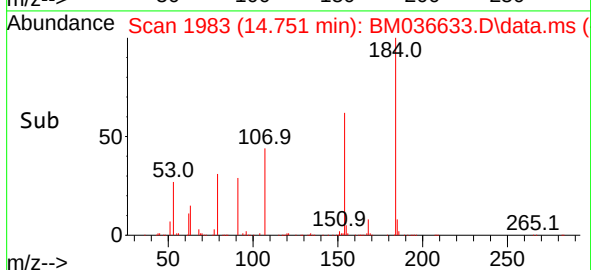
Tgt Ion:153 Resp: 1337797
Ion Ratio Lower Upper
153 100
152 48.1 38.2 57.2
154 87.9 71.0 106.6

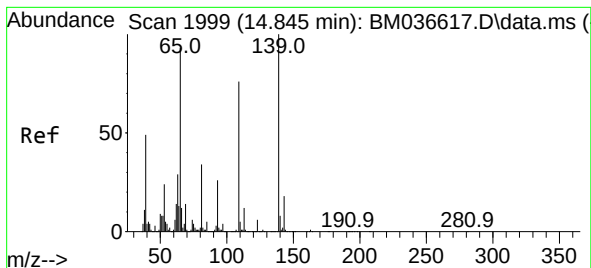


#53
2,4-Dinitrophenol
Concen: 21.958 ng/ul
RT: 14.751 min Scan# 1983
Delta R.T. -0.000 min
Lab File: BM036633.D
Acq: 21 Sep 2022 20:00



Tgt Ion:184 Resp: 117310
Ion Ratio Lower Upper
184 100
63 67.4 58.8 88.2
154 62.5 55.0 82.4

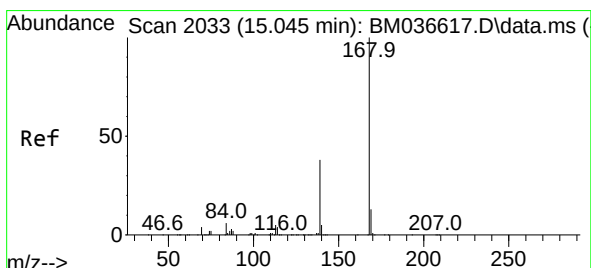
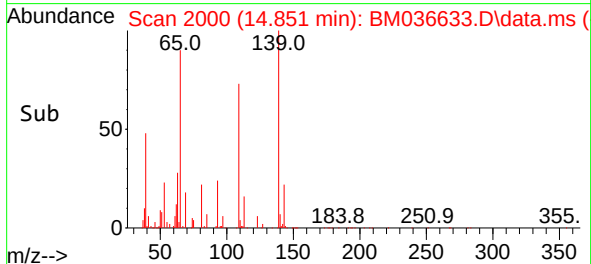
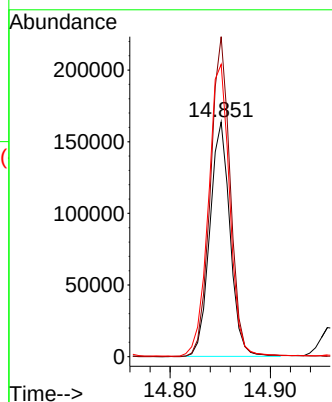
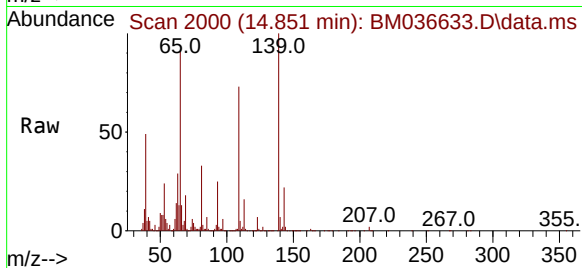




#55
4-Nitrophenol
Concen: 19.770 ng/ul
RT: 14.851 min Scan# 2000
Delta R.T. 0.006 min
Lab File: BM036633.D
Acq: 21 Sep 2022 20:00

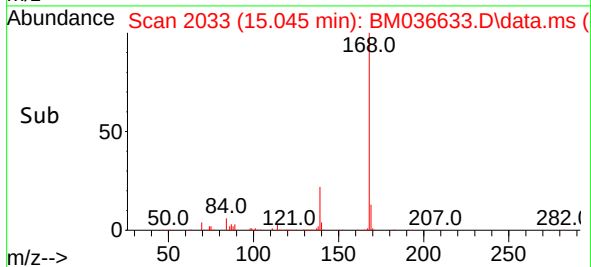
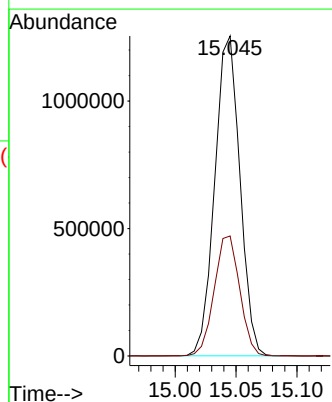
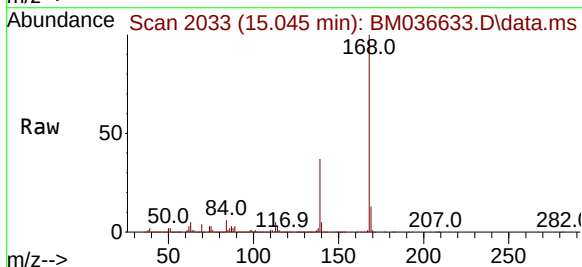
Instrument :
BNA_M
ClientSampleId :

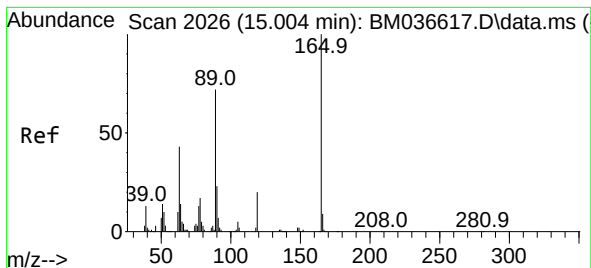
Tgt Ion:109 Resp: 228851
Ion Ratio Lower Upper
109 100
139 136.3 102.2 153.4
65 124.5 105.7 158.5



#56
Dibenzofuran
Concen: 20.257 ng/ul
RT: 15.045 min Scan# 2033
Delta R.T. -0.000 min
Lab File: BM036633.D
Acq: 21 Sep 2022 20:00

Tgt Ion:168 Resp: 1802187
Ion Ratio Lower Upper
168 100
139 37.5 29.7 44.5





#57

2,4-Dinitrotoluene

Concen: 23.929 ng/ul

RT: 15.004 min Scan# 20

Delta R.T. -0.000 min

Lab File: BM036633.D

Acq: 21 Sep 2022 20:00

Instrument :

BNA_M

ClientSampleId :

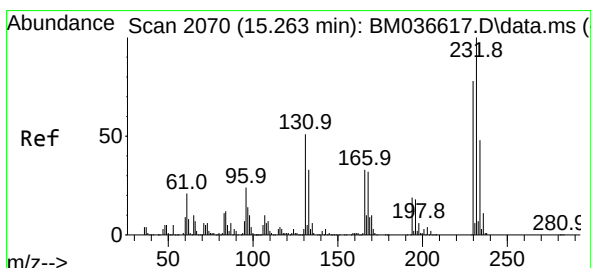
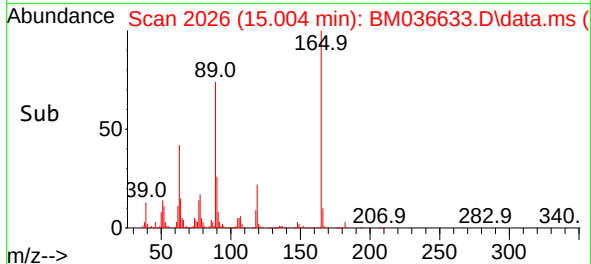
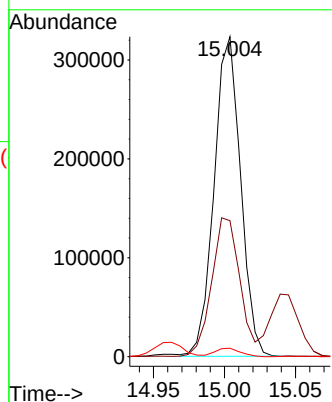
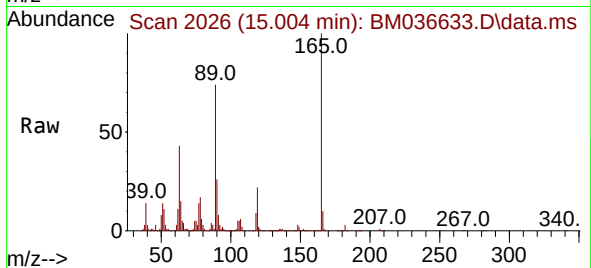
Tgt Ion:165 Resp: 418861

Ion Ratio Lower Upper

165 100

63 42.5 39.7 59.5

182 2.7 2.1 3.1



#58

2,3,4,6-Tetrachlorophenol

Concen: 21.982 ng/ul

RT: 15.269 min Scan# 2071

Delta R.T. 0.006 min

Lab File: BM036633.D

Acq: 21 Sep 2022 20:00

Tgt Ion:232 Resp: 353913

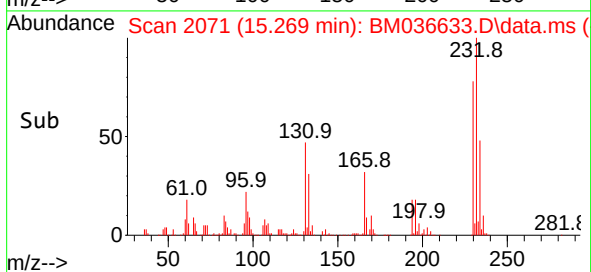
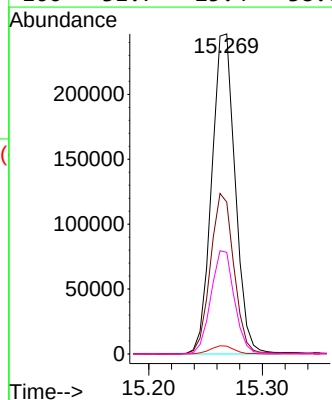
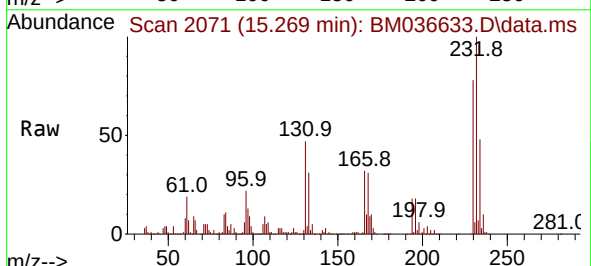
Ion Ratio Lower Upper

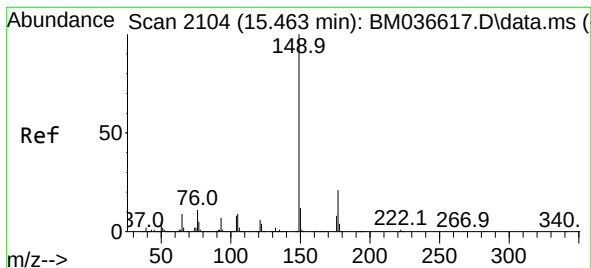
232 100

131 47.5 39.1 58.7

130 2.5 1.8 2.6

166 31.7 25.4 38.0

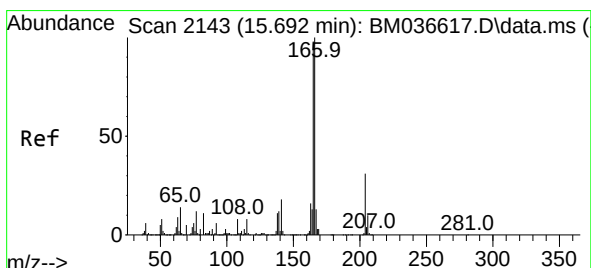
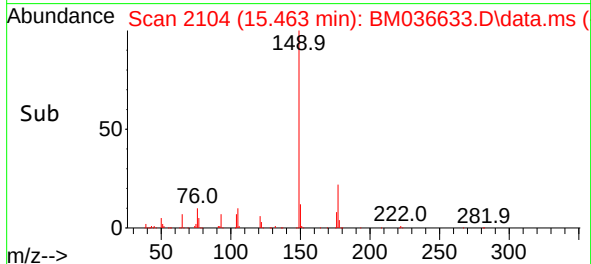
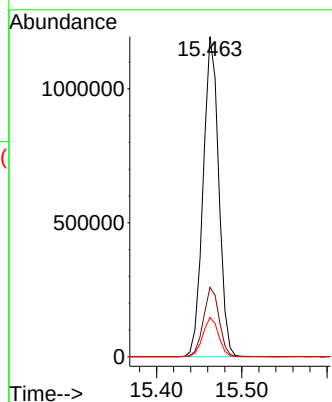
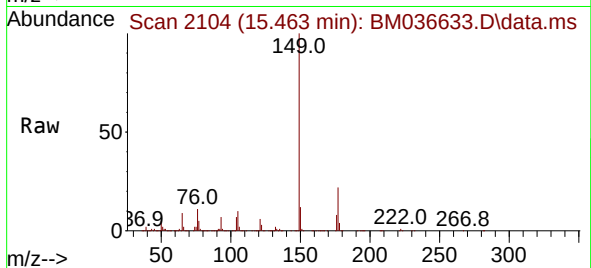




#59
Diethylphthalate
Concen: 20.445 ng/ul
RT: 15.463 min Scan# 2104
Delta R.T. -0.000 min
Lab File: BM036633.D
Acq: 21 Sep 2022 20:00

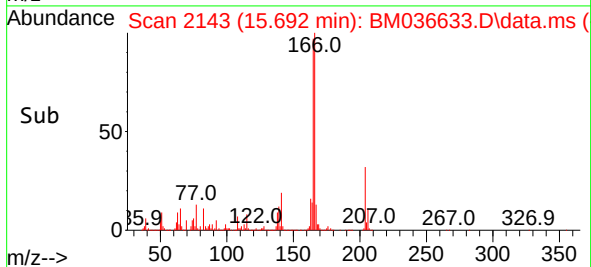
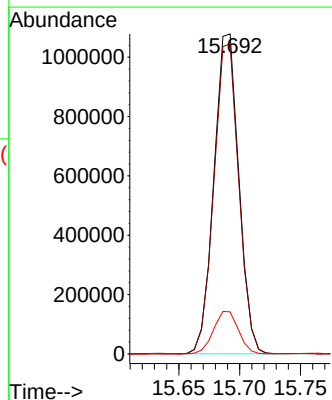
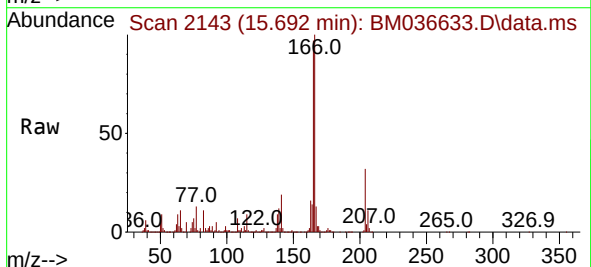
Instrument :
BNA_M
ClientSampleId :

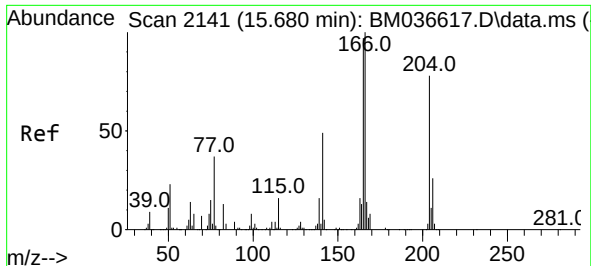
Tgt Ion:149 Resp: 1515688
Ion Ratio Lower Upper
149 100
177 21.7 17.3 25.9
150 12.3 10.1 15.1



#61
Fluorene
Concen: 20.240 ng/ul
RT: 15.692 min Scan# 2143
Delta R.T. -0.000 min
Lab File: BM036633.D
Acq: 21 Sep 2022 20:00

Tgt Ion:166 Resp: 1533601
Ion Ratio Lower Upper
166 100
165 96.9 78.5 117.7
167 13.1 10.4 15.6

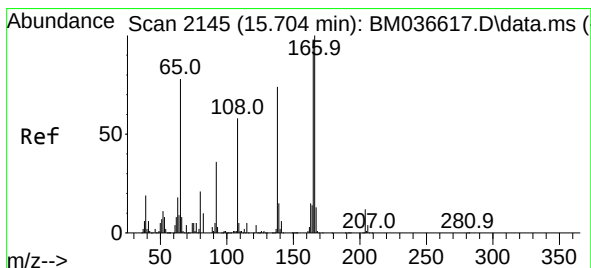
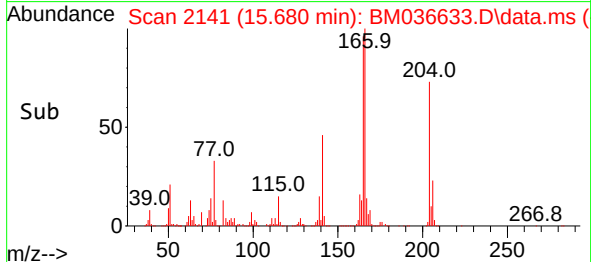
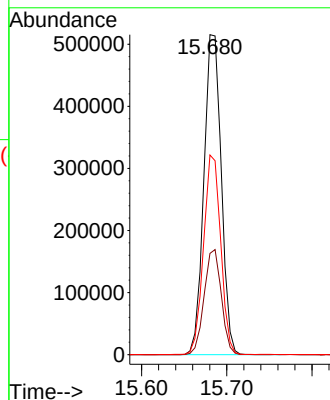
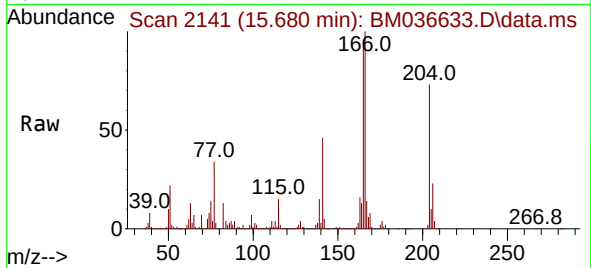




#62
4-Chlorophenyl-phenylether
Concen: 20.162 ng/ul
RT: 15.680 min Scan# 2141
Delta R.T. -0.000 min
Lab File: BM036633.D
Acq: 21 Sep 2022 20:00

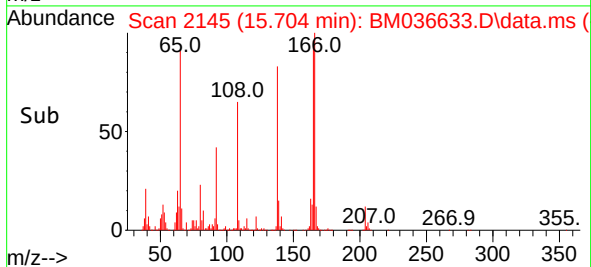
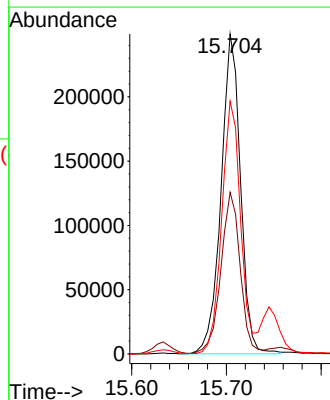
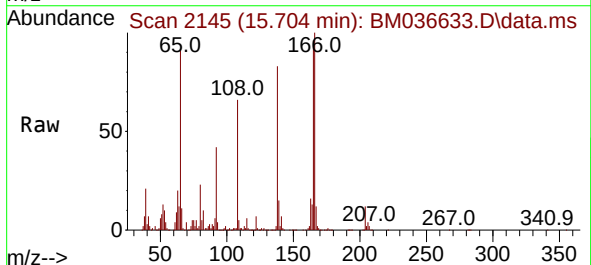
Instrument :
BNA_M
ClientSampleId :

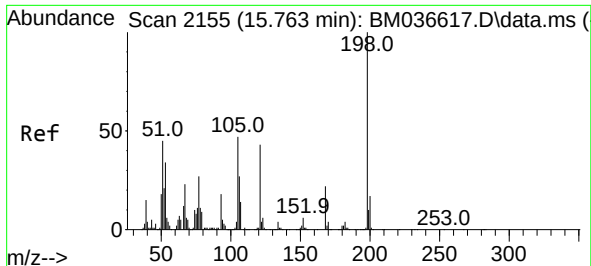
Tgt Ion:204 Resp: 730616
Ion Ratio Lower Upper
204 100
206 31.6 25.7 38.5
141 62.4 49.4 74.0



#63
4-Nitroaniline
Concen: 25.330 ng/ul
RT: 15.704 min Scan# 2145
Delta R.T. -0.000 min
Lab File: BM036633.D
Acq: 21 Sep 2022 20:00

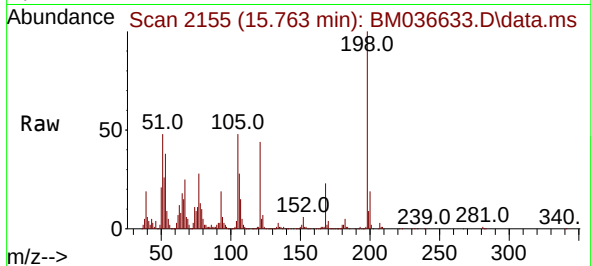
Tgt Ion:138 Resp: 355378
Ion Ratio Lower Upper
138 100
92 50.5 42.1 63.1
108 79.0 66.2 99.2



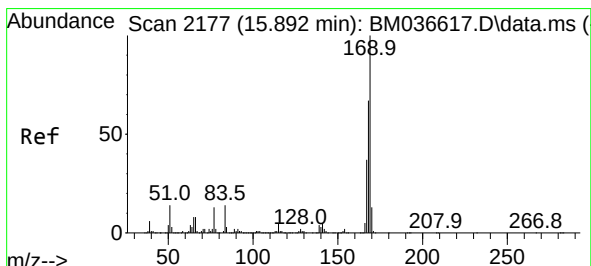
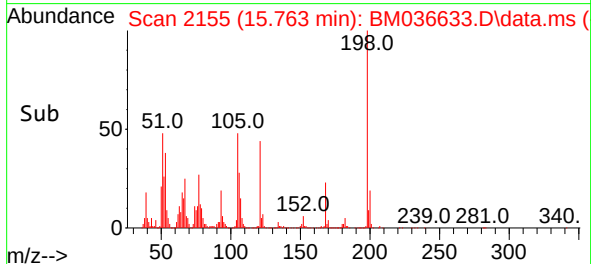
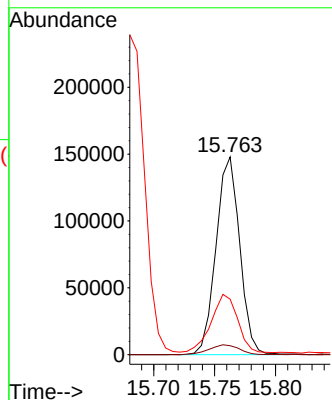


#66
 4,6-Dinitro-2-methylphenol
 Concen: 21.430 ng/ul
 RT: 15.763 min Scan# 2155
 Delta R.T. -0.000 min
 Lab File: BM036633.D
 Acq: 21 Sep 2022 20:00

Instrument :
 BNA_M
 ClientSampleId :

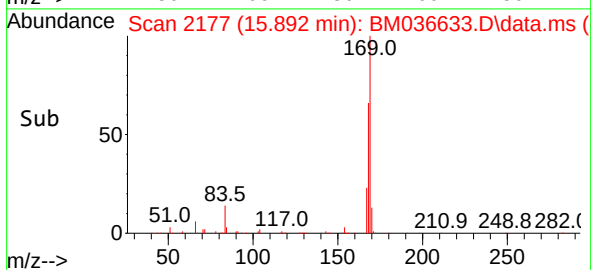
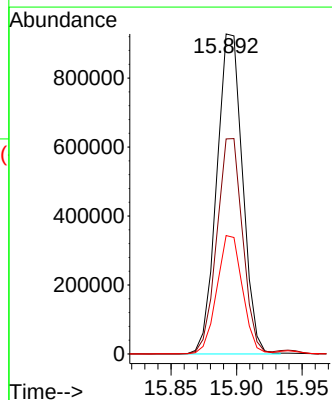
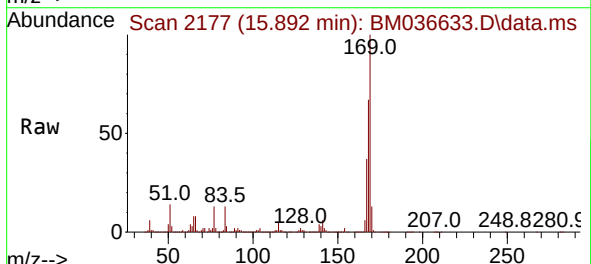


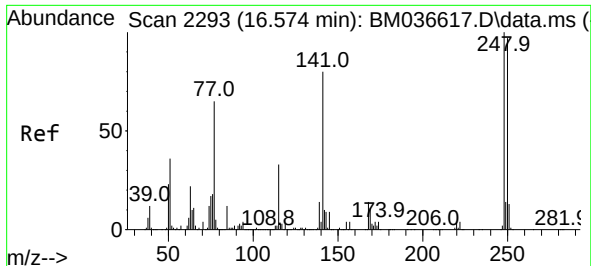
Tgt Ion:198 Resp: 200474
 Ion Ratio Lower Upper
 198 100
 182 4.6 4.2 6.2
 77 28.1 24.0 36.0



#67
 N-Nitrosodiphenylamine
 Concen: 20.597 ng/ul
 RT: 15.892 min Scan# 2177
 Delta R.T. -0.000 min
 Lab File: BM036633.D
 Acq: 21 Sep 2022 20:00

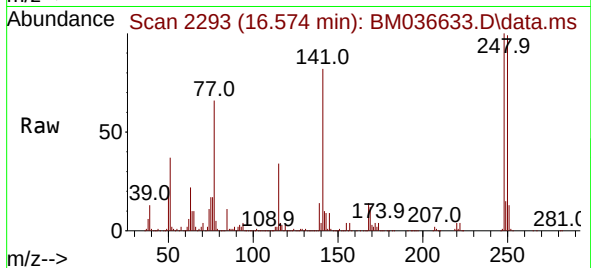
Tgt Ion:169 Resp: 1271113
 Ion Ratio Lower Upper
 169 100
 168 67.2 54.6 81.8
 167 37.0 29.6 44.4



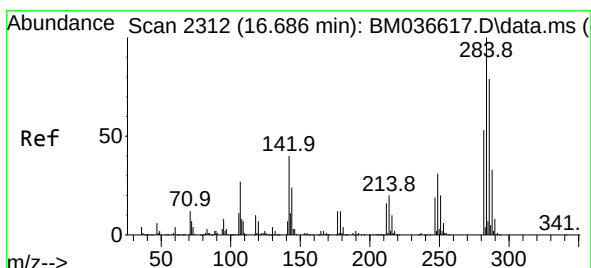
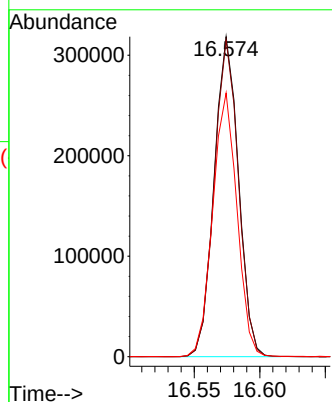
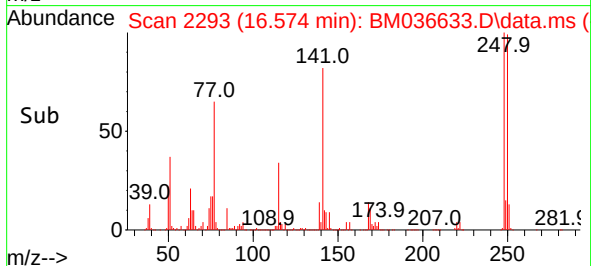


#68
4-Bromophenyl-phenylether
Concen: 19.952 ng/ul
RT: 16.574 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM036633.D
Acq: 21 Sep 2022 20:00

Instrument :
BNA_M
ClientSampleId :

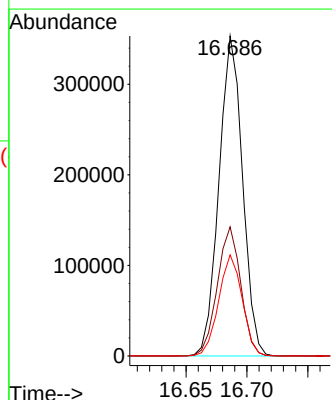
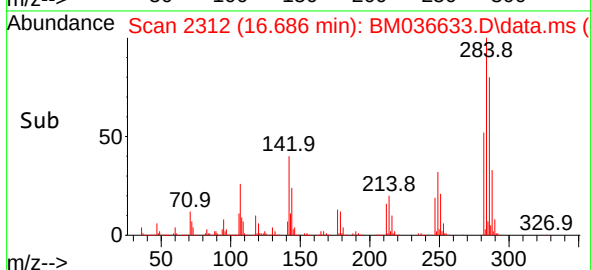
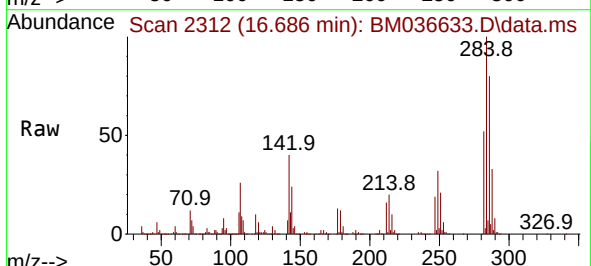


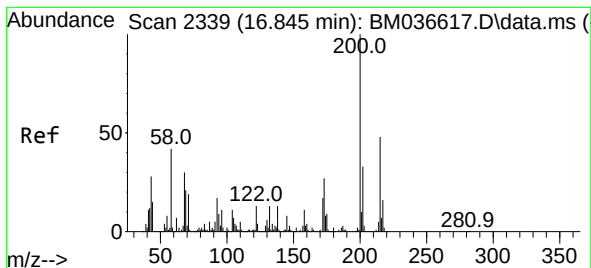
Tgt Ion:248 Resp: 412057
Ion Ratio Lower Upper
248 100
250 99.0 78.9 118.3
141 82.4 65.7 98.5



#69
Hexachlorobenzene
Concen: 19.487 ng/ul
RT: 16.686 min Scan# 2312
Delta R.T. -0.000 min
Lab File: BM036633.D
Acq: 21 Sep 2022 20:00

Tgt Ion:284 Resp: 476005
Ion Ratio Lower Upper
284 100
142 40.4 30.8 46.2
249 31.6 24.2 36.2





#70

Atrazine

Concen: 19.415 ng/ul

RT: 16.845 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM036633.D

Acq: 21 Sep 2022 20:00

Instrument :

BNA_M

ClientSampleId :

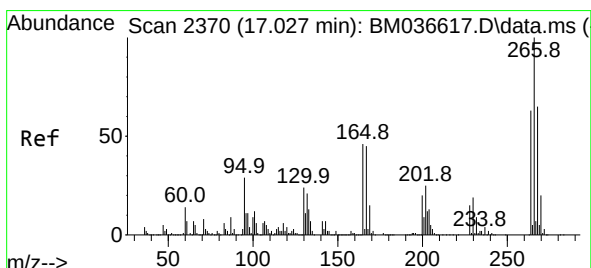
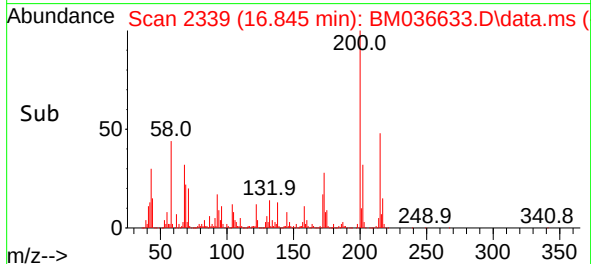
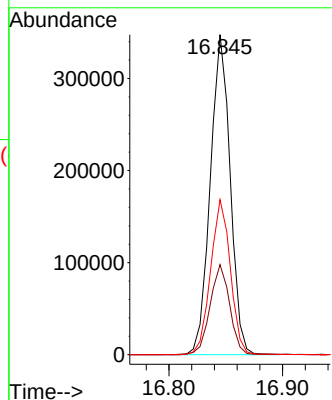
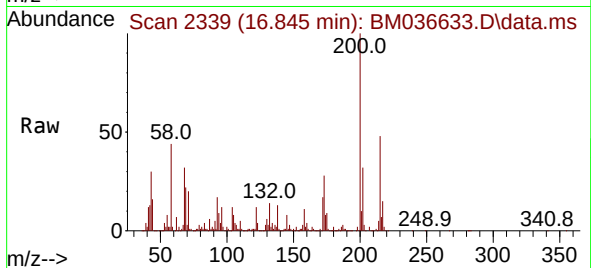
Tgt Ion:200 Resp: 422801

Ion Ratio Lower Upper

200 100

173 28.1 21.8 32.6

215 48.5 39.4 59.2



#71

Pentachlorophenol

Concen: 19.217 ng/ul

RT: 17.033 min Scan# 2371

Delta R.T. 0.006 min

Lab File: BM036633.D

Acq: 21 Sep 2022 20:00

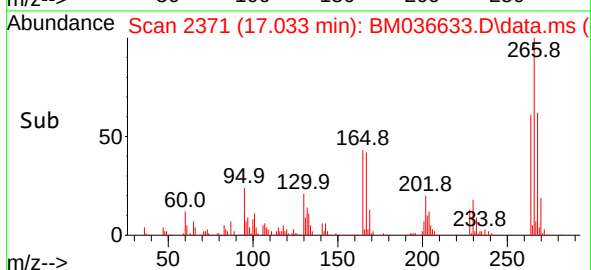
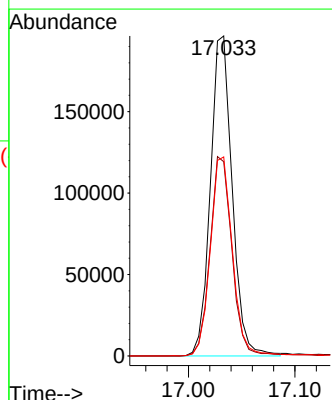
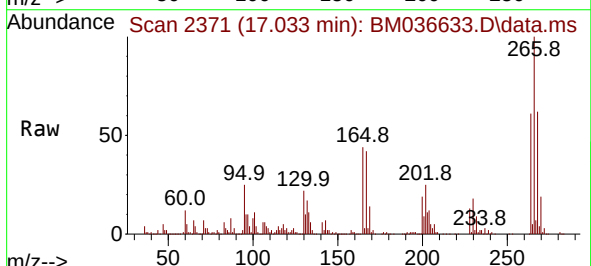
Tgt Ion:266 Resp: 278841

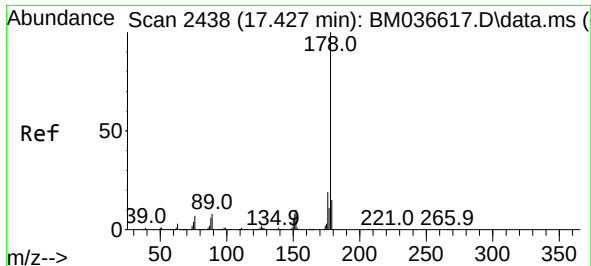
Ion Ratio Lower Upper

266 100

264 60.7 49.7 74.5

268 62.2 51.8 77.6

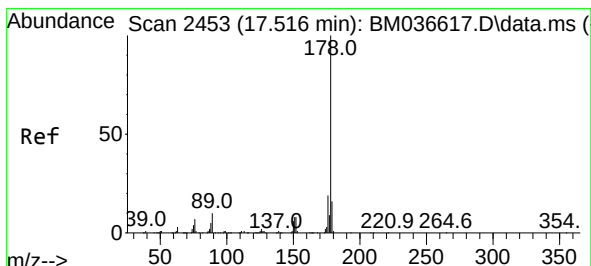
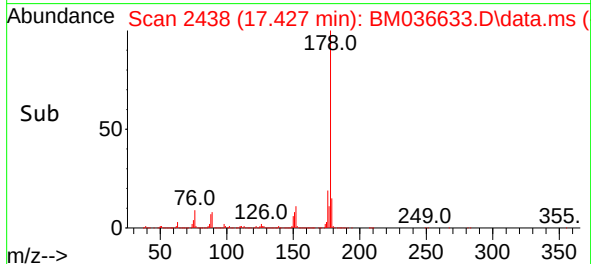
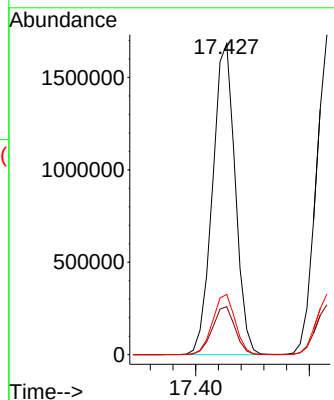
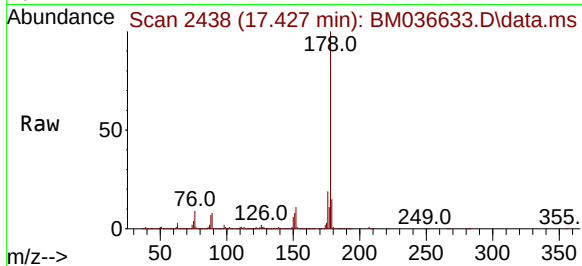




#72
 Phenanthrene
 Concen: 20.170 ng/ul
 RT: 17.427 min Scan# 2438
 Delta R.T. -0.000 min
 Lab File: BM036633.D
 Acq: 21 Sep 2022 20:00

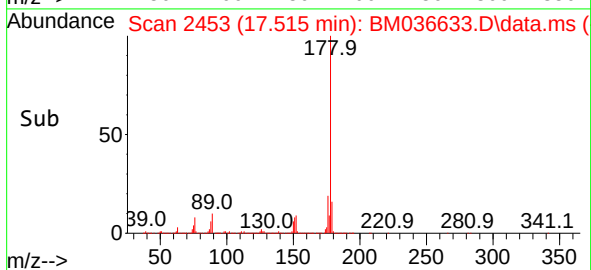
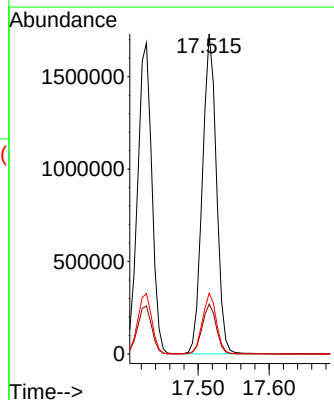
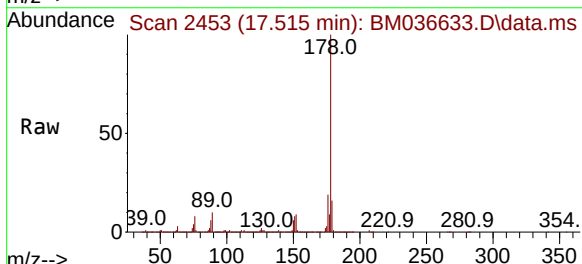
Instrument :
 BNA_M
 ClientSampleId :

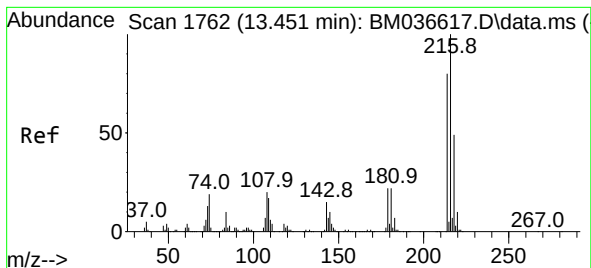
Tgt Ion:178 Resp: 2327871
 Ion Ratio Lower Upper
 178 100
 179 15.4 12.2 18.2
 176 19.4 15.7 23.5



#74
 Anthracene
 Concen: 20.351 ng/ul
 RT: 17.515 min Scan# 2453
 Delta R.T. -0.000 min
 Lab File: BM036633.D
 Acq: 21 Sep 2022 20:00

Tgt Ion:178 Resp: 2387410
 Ion Ratio Lower Upper
 178 100
 179 15.6 12.3 18.5
 176 18.9 15.0 22.6

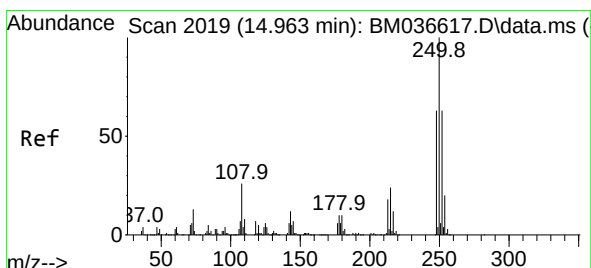
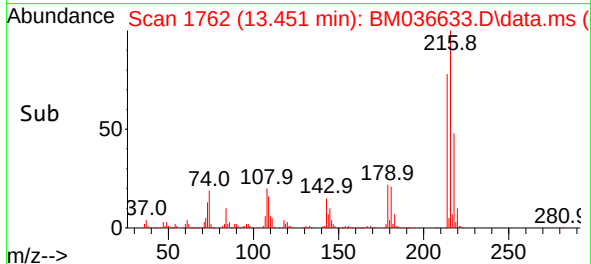
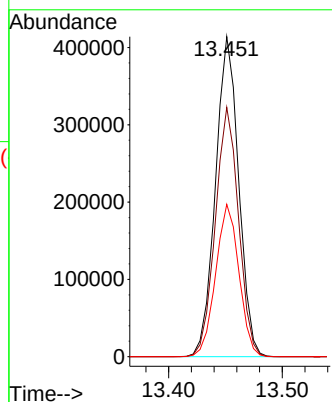
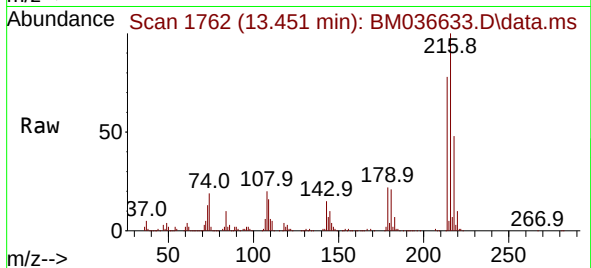




#75
1,2,3,4-Tetrachlorobenzene
Concen: 20.523 ng/uL
RT: 13.451 min Scan# 1762
Delta R.T. -0.000 min
Lab File: BM036633.D
Acq: 21 Sep 2022 20:00

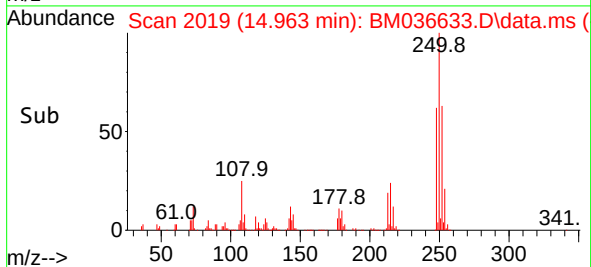
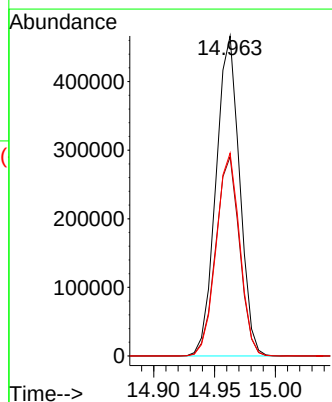
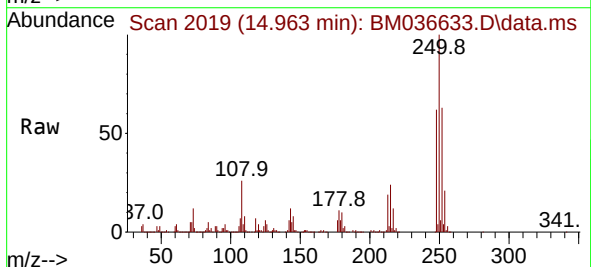
Instrument :
BNA_M
ClientSampleId :

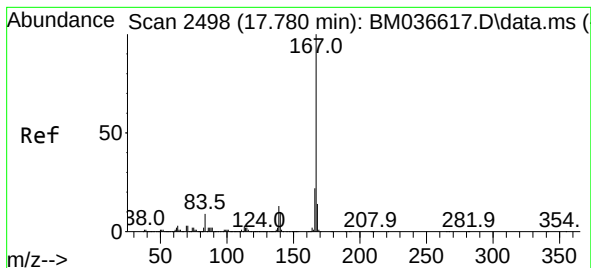
Tgt Ion:216 Resp: 588168
Ion Ratio Lower Upper
216 100
214 77.9 62.6 94.0
218 47.6 38.2 57.2



#76
Pentachlorobenzene
Concen: 20.307 ng/uL
RT: 14.963 min Scan# 2019
Delta R.T. -0.000 min
Lab File: BM036633.D
Acq: 21 Sep 2022 20:00

Tgt Ion:250 Resp: 629431
Ion Ratio Lower Upper
250 100
248 62.2 50.2 75.2
252 63.4 50.5 75.7





#77

Carbazole

Concen: 19.992 ng/ul

RT: 17.786 min Scan# 2499

Delta R.T. 0.006 min

Lab File: BM036633.D

Acq: 21 Sep 2022 20:00

Instrument :

BNA_M

ClientSampleId :

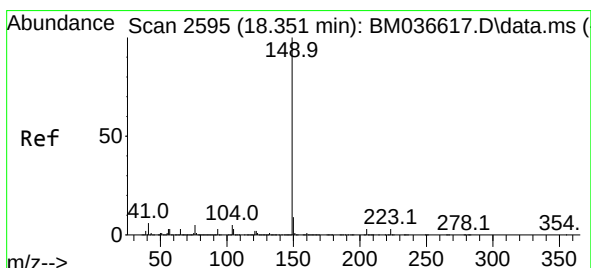
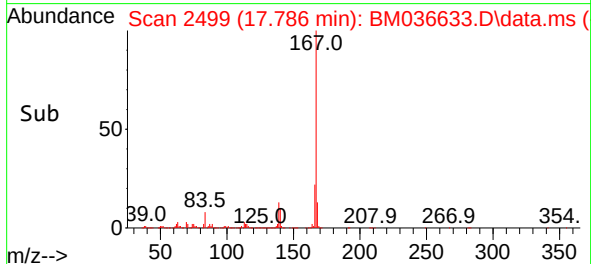
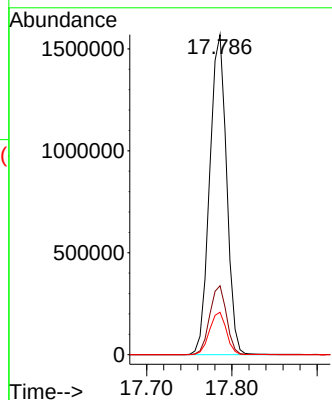
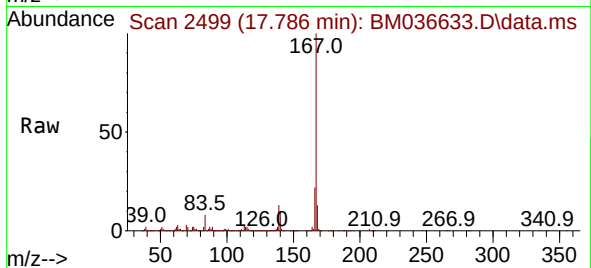
Tgt Ion:167 Resp: 2171379

Ion Ratio Lower Upper

167 100

166 21.6 17.2 25.8

139 13.3 10.6 15.8



#78

Di-n-butylphthalate

Concen: 21.119 ng/ul

RT: 18.351 min Scan# 2595

Delta R.T. -0.000 min

Lab File: BM036633.D

Acq: 21 Sep 2022 20:00

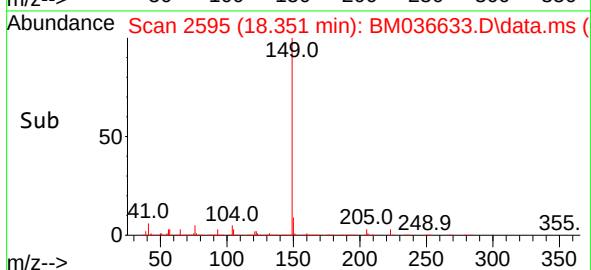
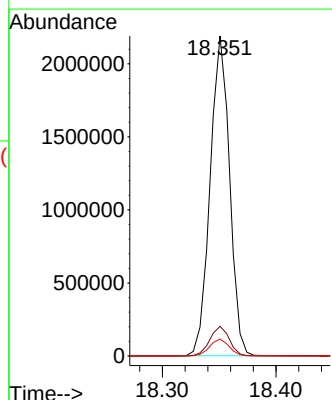
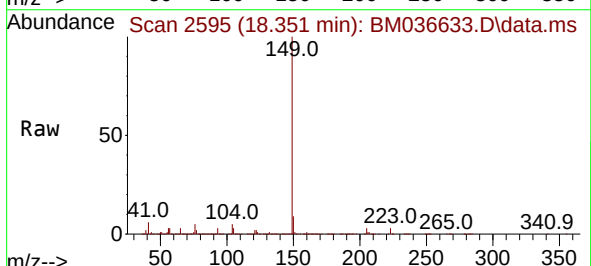
Tgt Ion:149 Resp: 2599835

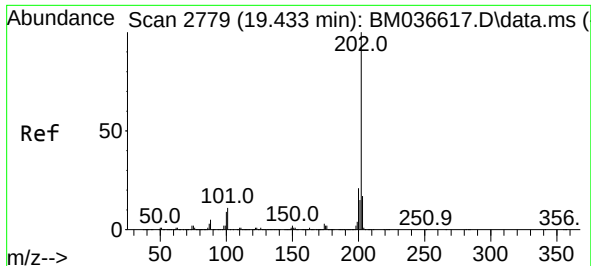
Ion Ratio Lower Upper

149 100

150 9.2 7.2 10.8

104 5.3 4.3 6.5

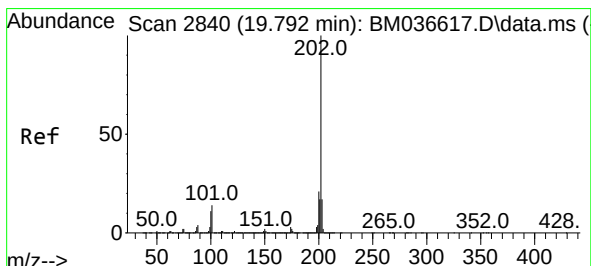
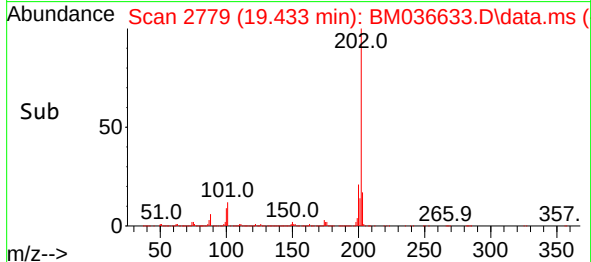
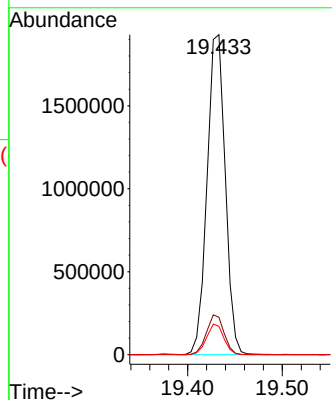
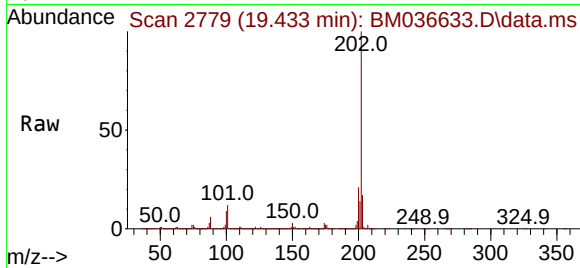




#80
Fluoranthene
Concen: 23.248 ng/ul
RT: 19.433 min Scan# 21
Delta R.T. -0.000 min
Lab File: BM036633.D
Acq: 21 Sep 2022 20:00

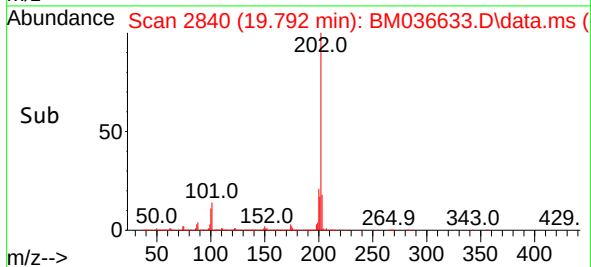
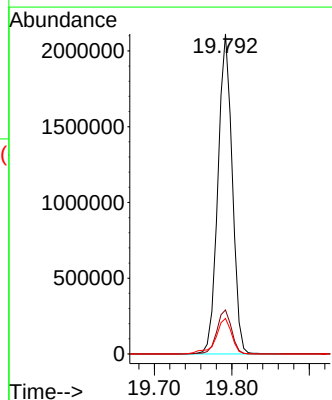
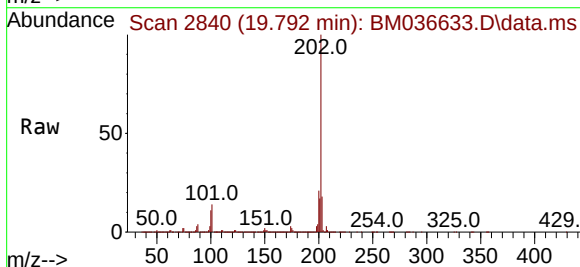
Instrument :
BNA_M
ClientSampleId :

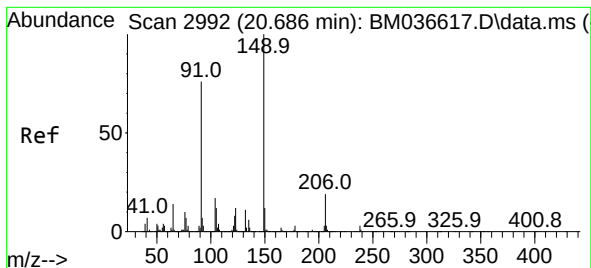
Tgt Ion:202 Resp: 2572623
Ion Ratio Lower Upper
202 100
101 11.7 9.8 14.6
100 8.9 7.4 11.2



#82
Pyrene
Concen: 23.105 ng/ul
RT: 19.792 min Scan# 2840
Delta R.T. -0.000 min
Lab File: BM036633.D
Acq: 21 Sep 2022 20:00

Tgt Ion:202 Resp: 2706465
Ion Ratio Lower Upper
202 100
101 13.8 10.9 16.3
100 11.1 8.7 13.1





#83

Butylbenzylphthalate

Concen: 24.915 ng/ul

RT: 20.686 min Scan# 2992

Delta R.T. -0.000 min

Lab File: BM036633.D

Acq: 21 Sep 2022 20:00

Instrument :

BNA_M

ClientSampleId :

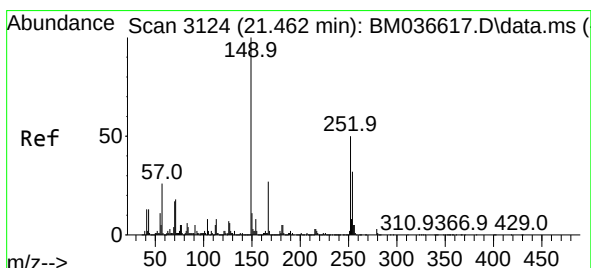
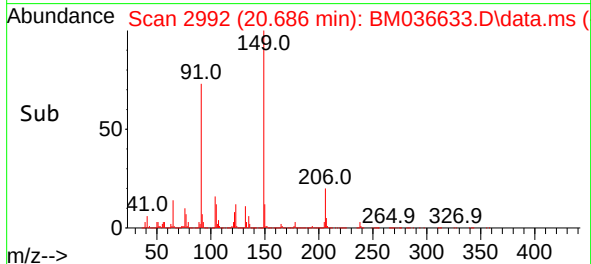
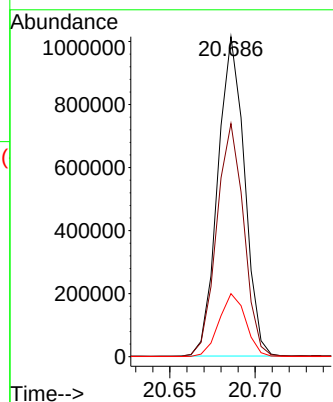
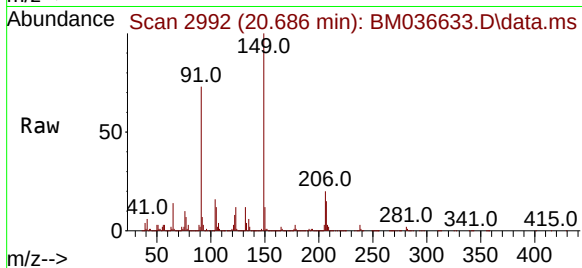
Tgt Ion:149 Resp: 1105871

Ion Ratio Lower Upper

149 100

91 72.9 55.2 82.8

206 19.7 16.2 24.2



#84

3,3'-Dichlorobenzidine

Concen: 22.319 ng/ul

RT: 21.462 min Scan# 3124

Delta R.T. -0.000 min

Lab File: BM036633.D

Acq: 21 Sep 2022 20:00

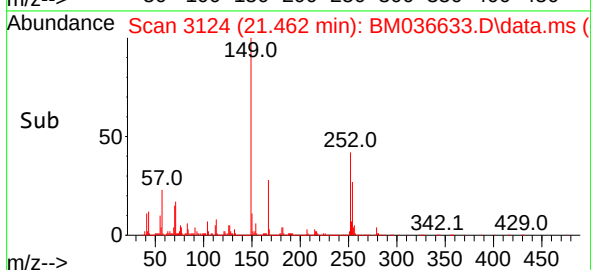
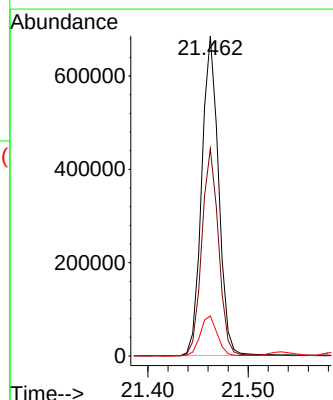
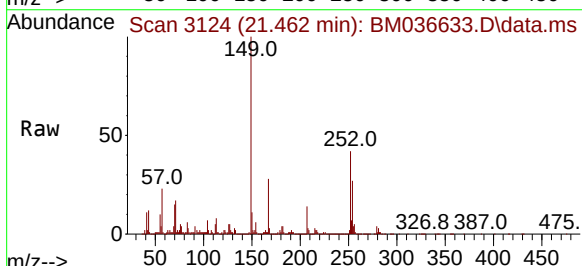
Tgt Ion:252 Resp: 800518

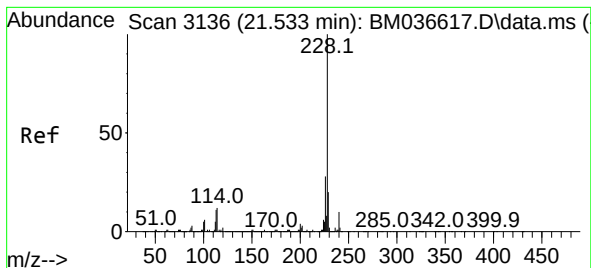
Ion Ratio Lower Upper

252 100

254 64.8 53.0 79.4

126 12.5 10.4 15.6





#85

Benzo(a)anthracene

Concen: 20.953 ng/ul

RT: 21.533 min Scan# 3136

Delta R.T. -0.000 min

Lab File: BM036633.D

Acq: 21 Sep 2022 20:00

Instrument :

BNA_M

ClientSampleId :

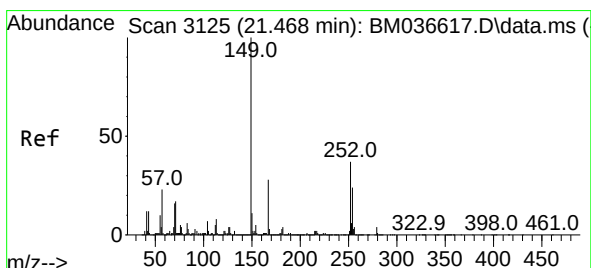
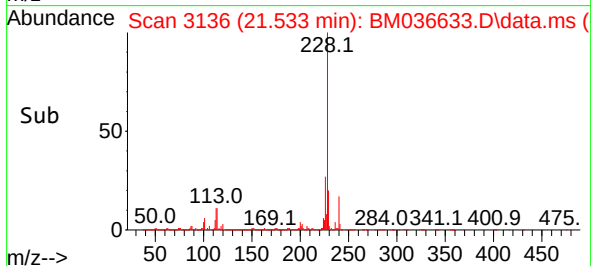
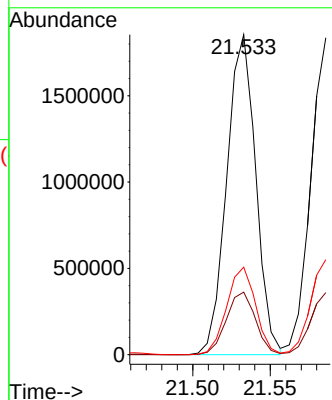
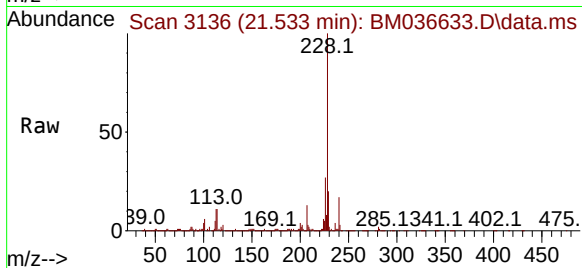
Tgt Ion:228 Resp: 2409831

Ion Ratio Lower Upper

228 100

229 19.6 15.8 23.8

226 27.3 21.9 32.9



#86

Bis(2-ethylhexyl)phthalate

Concen: 26.023 ng/ul

RT: 21.462 min Scan# 3124

Delta R.T. -0.006 min

Lab File: BM036633.D

Acq: 21 Sep 2022 20:00

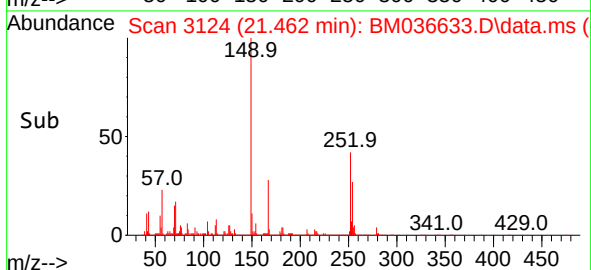
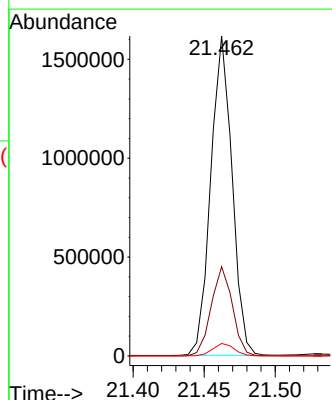
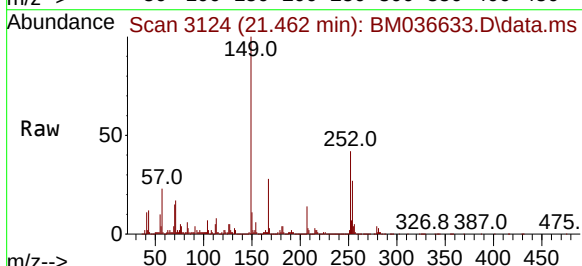
Tgt Ion:149 Resp: 1687295

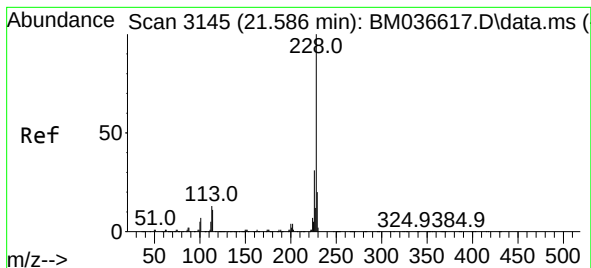
Ion Ratio Lower Upper

149 100

167 27.9 22.0 33.0

279 3.9 3.3 4.9





#87

Chrysene

Concen: 20.503 ng/ul

RT: 21.586 min Scan# 3145

Delta R.T. -0.000 min

Lab File: BM036633.D

Acq: 21 Sep 2022 20:00

Instrument :

BNA_M

ClientSampleId :

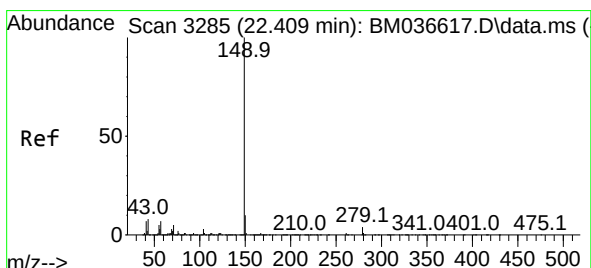
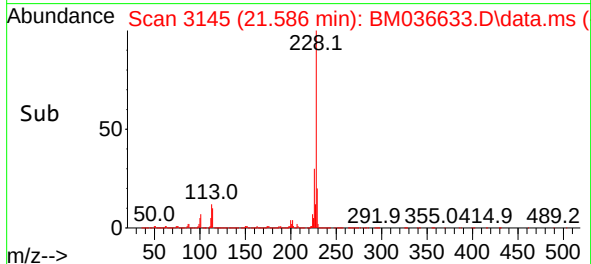
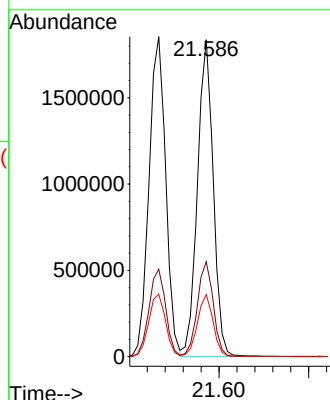
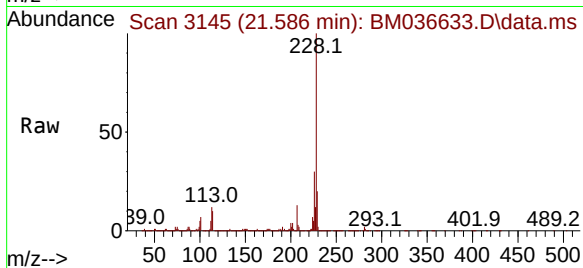
Tgt Ion:228 Resp: 2238251

Ion Ratio Lower Upper

228 100

226 30.0 24.4 36.6

229 19.6 15.6 23.4



#89

Di-n-octyl phthalate

Concen: 27.216 ng/ul

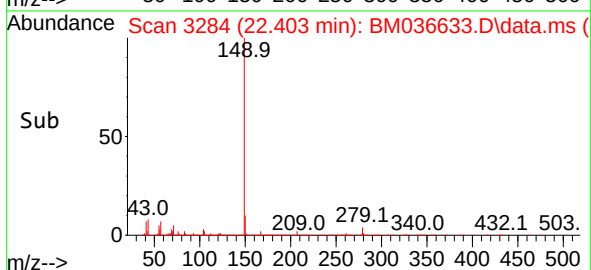
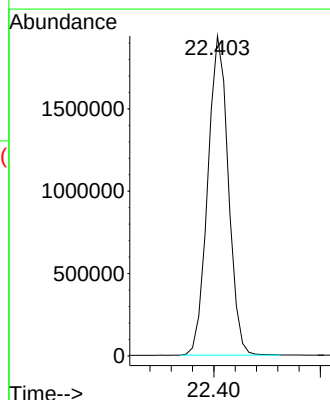
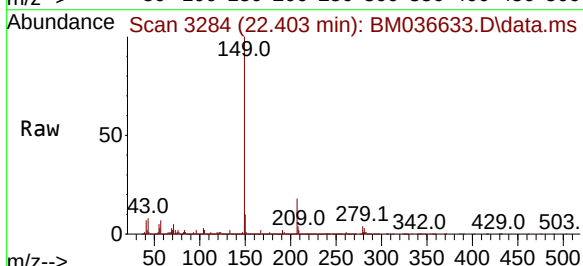
RT: 22.403 min Scan# 3284

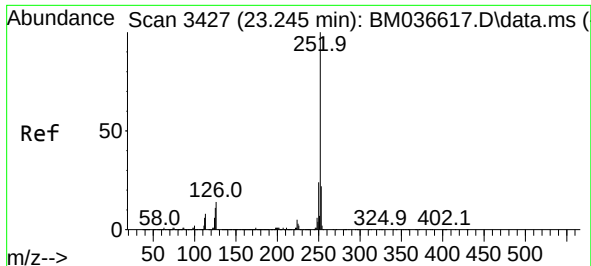
Delta R.T. -0.006 min

Lab File: BM036633.D

Acq: 21 Sep 2022 20:00

Tgt Ion:149 Resp: 2599249

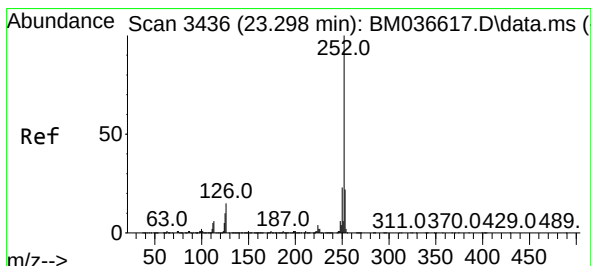
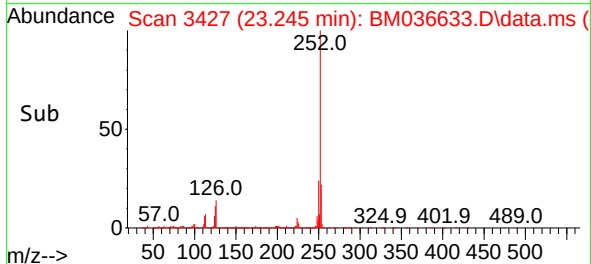
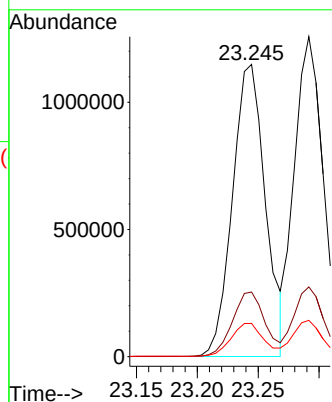
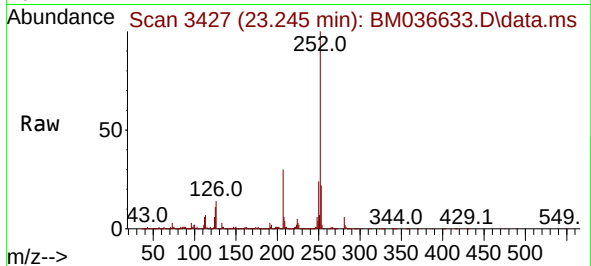




#90
Benzo(b)fluoranthene
Concen: 21.462 ng/ul
RT: 23.245 min Scan# 34
Delta R.T. -0.000 min
Lab File: BM036633.D
Acq: 21 Sep 2022 20:00

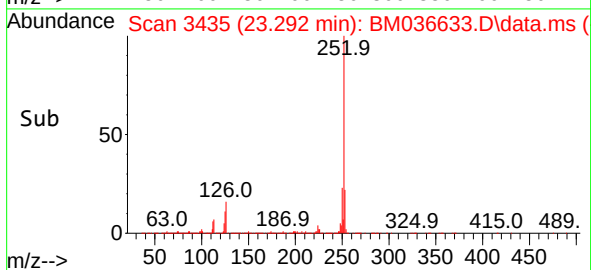
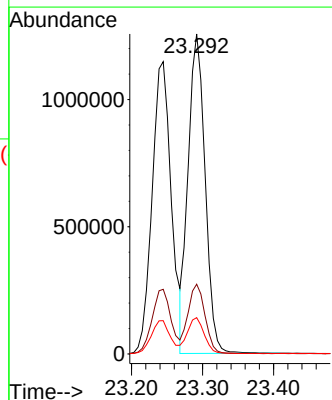
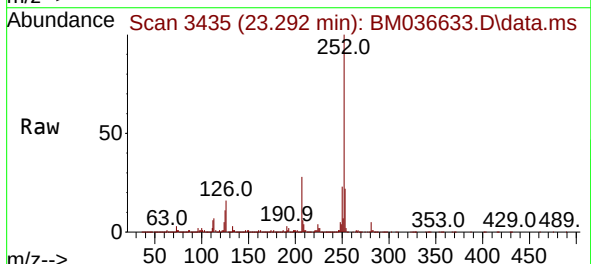
Instrument :
BNA_M
ClientSampleId :

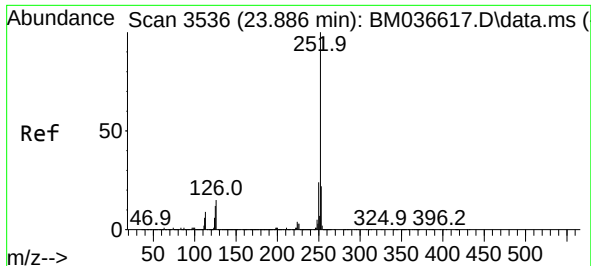
Tgt Ion:252 Resp: 2155976
Ion Ratio Lower Upper
252 100
253 22.1 17.6 26.4
125 11.4 9.1 13.7



#91
Benzo(k)fluoranthene
Concen: 20.814 ng/ul
RT: 23.292 min Scan# 3435
Delta R.T. -0.006 min
Lab File: BM036633.D
Acq: 21 Sep 2022 20:00

Tgt Ion:252 Resp: 2089217
Ion Ratio Lower Upper
252 100
253 21.8 17.8 26.8
125 11.4 8.2 12.4

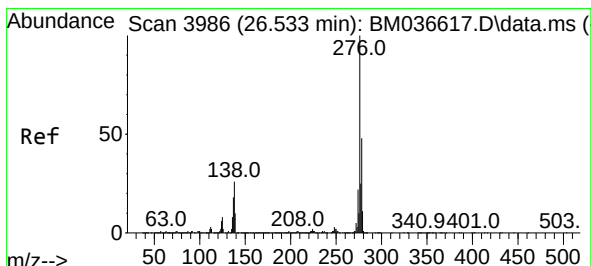
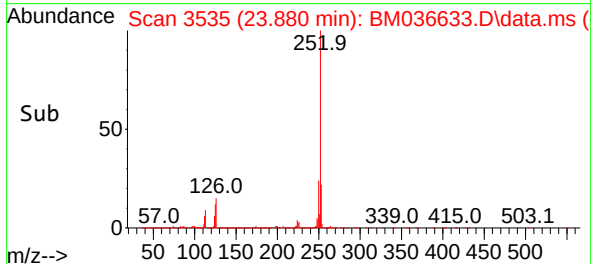
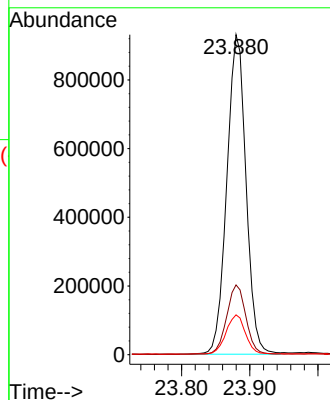
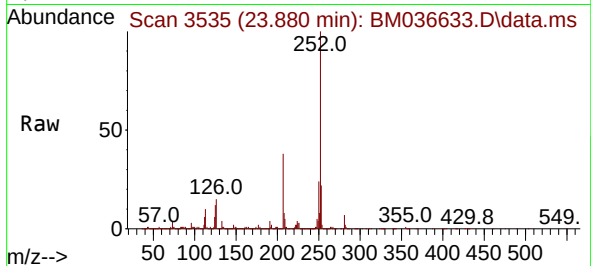




#93
Benzo(a)pyrene
Concen: 20.641 ng/ul
RT: 23.880 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM036633.D
Acq: 21 Sep 2022 20:00

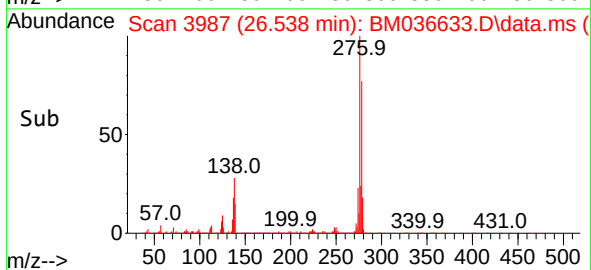
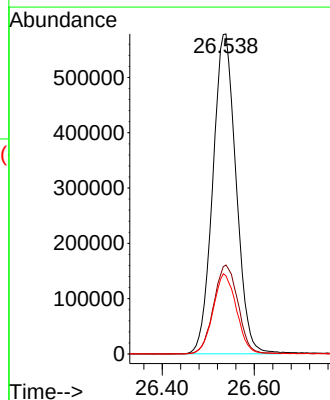
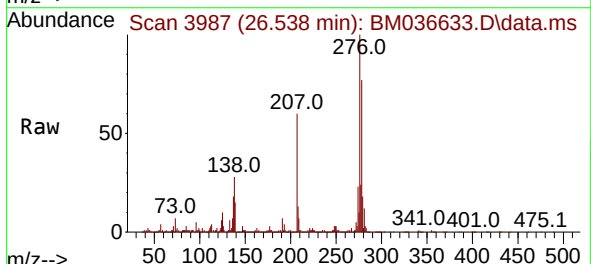
Instrument :
BNA_M
ClientSampleId :

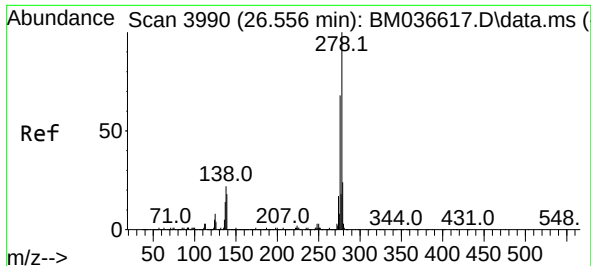
Tgt Ion:252 Resp: 1822833
Ion Ratio Lower Upper
252 100
253 21.8 17.5 26.3
125 12.5 9.5 14.3



#94
Indeno(1,2,3-cd)pyrene
Concen: 19.650 ng/ul
RT: 26.538 min Scan# 3987
Delta R.T. 0.006 min
Lab File: BM036633.D
Acq: 21 Sep 2022 20:00

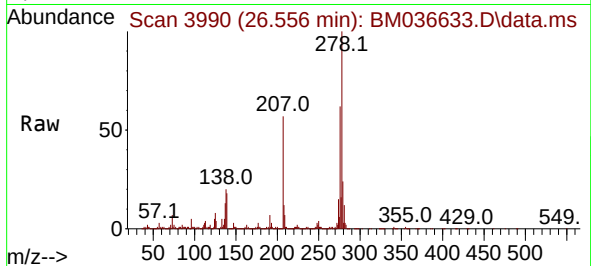
Tgt Ion:276 Resp: 2026471
Ion Ratio Lower Upper
276 100
138 27.8 20.2 30.4
277 24.5 19.7 29.5



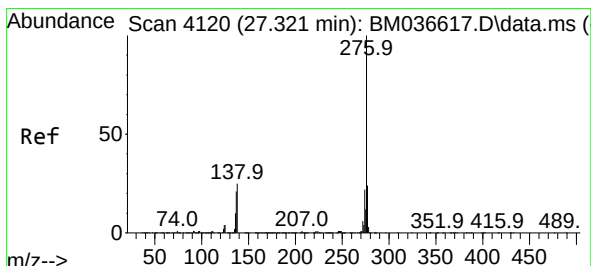
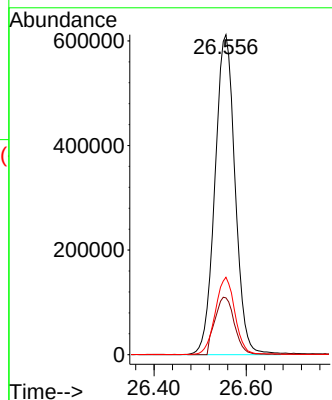
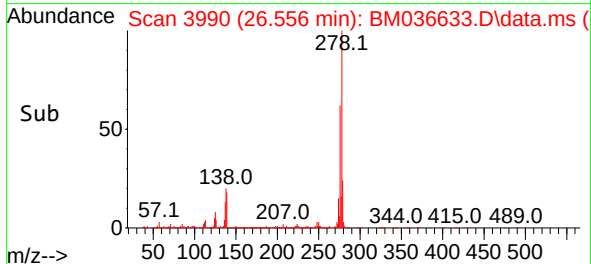


#95
 Dibenzo(a,h)anthracene
 Concen: 19.842 ng/ul
 RT: 26.556 min Scan# 3990
 Delta R.T. -0.000 min
 Lab File: BM036633.D
 Acq: 21 Sep 2022 20:00

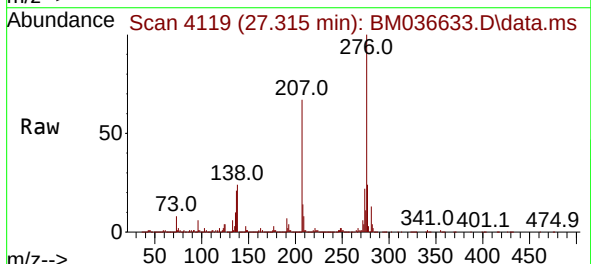
Instrument :
 BNA_M
 ClientSampleId :



Tgt Ion:278 Resp: 1855760
 Ion Ratio Lower Upper
 278 100
 139 17.7 14.5 21.7
 279 24.2 19.7 29.5



#96
 Benzo(g,h,i)perylene
 Concen: 19.848 ng/ul
 RT: 27.315 min Scan# 4119
 Delta R.T. -0.006 min
 Lab File: BM036633.D
 Acq: 21 Sep 2022 20:00



Tgt Ion:276 Resp: 1774505
 Ion Ratio Lower Upper
 276 100
 138 24.0 18.7 28.1
 277 23.9 19.2 28.8

